



public works
& infrastructure

Department:
Public Works and Infrastructure
REPUBLIC OF SOUTH AFRICA

Tender No. : CPT1005/22

REPUBLIC OF SOUTH AFRICA

Department : Public Works and Infrastructure

PROJECT TITLE : CAPE TOWN : PARLIAMENTARY PRECINCT : UPGRADING AND RECONFIGURATION OF VARIOUS KITCHENS INCLUDING REPLACEMENT OF EQUIPMENT AND ASSOCIATED WORKS

TENDER NO : CPT1005/22

FILE NO : WCS 054967

CLOSING DATE : 11H00 ON 28 OCTOBER 2022

TENDER DOCUMENT – VOLUME 1

| <u>DEPARTMENT</u> | | <u>PROJECT LEADER</u> | |
|---|---|---|--|
| DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE | | DEPARTMENTAL REPRESENTATIVE: THE CREATIVE AXIS ARCHITECTS | |
| <u>PHYSICAL ADDRESS</u> | <u>POSTAL ADDRESS</u> | <u>POSTAL ADDRESS</u> | <u>PHYSICAL ADDRESS</u> |
| Customs House Lower Heerengracht Foreshore Cape Town 8001 | Private Bag X 9027 CAPE TOWN 8000 | Boulevard Place South Lobby, 3 rd Floor Heron Crescent Century City Cape Town 8001 | Boulevard Place South Lobby, 3 rd Floor Heron Crescent Century City Cape Town 8001 |
| Contact : Phone | Ms Babalwa Ntshanyana 073 286 3807 | Contact : Phone | Mr Bhavik Ranchod 076 460 8401 |

VOLUME 1: TENDERING

PROCEDURES

T1.1 Tender Notice and Invitation to Tender

PA-04 (EC): NOTICE AND INVITATION TO TENDER

THE DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE INVITES TENDERS FOR:

| | |
|-----------------------|---|
| Project title: | CAPE TOWN: PARLIAMENTARY PRECINCT: UGRADING AND RECONFIGURATION OF VARIOUS KITCHENS INCLUDING REPLACEMENT OF EQUIPMENT AND ASSOCIATED WORKS |
|-----------------------|---|

| | | | |
|--------------------------|------------|-------------------------|------------------|
| Tender no: | CPT1005/22 | Reference no: | WCS 054967 |
| Advertising date: | 07/10/2022 | Closing date: | 28/10/2022 |
| Closing time: | 11:00 | Validity period: | 84 Calendar days |

1. REQUIRED CIDB GRADING

It is estimated that tenderers should have a CIDB contractor grading designation of **6 GB** or **6 GB*** or higher.

** Delete "or select tender value range select class of construction works" where only one class of construction works is applicable*

It is estimated that potentially emerging enterprises should have a CIDB contractor grading designation of **Not applicable Not applicable PE** or **Not applicable Not applicable PE*** or higher.

** Delete "or select tender value range select class of construction works PE" where only one class of construction works is applicable*

2. RESPONSIVENESS CRITERIA

2.1 Substantive responsiveness criteria

Only tenderers who are responsive to the following substantive responsiveness criteria are eligible to submit tenders. Failure to comply with the criteria stated hereunder shall result in the tender offer being disqualified from further consideration:

| | | |
|----|-------------------------------------|--|
| 1 | <input checked="" type="checkbox"/> | Only those tenderers who satisfy the eligibility criteria stated in the Tender Data may submit tenders. |
| 2 | <input checked="" type="checkbox"/> | Tender offer must be properly received on the tender closing date and time specified on the invitation, fully completed either electronically (if issued in electronic format), or by writing legibly in non-erasable ink. (All as per Standard Conditions of Tender). |
| 3 | <input checked="" type="checkbox"/> | Use of correction fluid is prohibited. |
| 4 | <input checked="" type="checkbox"/> | Submission of (DPW-07 EC): Form of Offer and Acceptance. |
| 5 | <input checked="" type="checkbox"/> | Submission of (PA-16): Preference points claim form in terms of the Preferential Procurement Regulations 2017. |
| 6 | <input checked="" type="checkbox"/> | Submission of (PA – 36 and Annexure/s C): Declaration Certificate for Local Production and Content for designated sectors. |
| 7 | <input checked="" type="checkbox"/> | Submission of DPW-09 (EC): Particulars of Tenderer's Projects. |
| 8 | <input checked="" type="checkbox"/> | Submission of DPW-16 (EC): Site Inspection Meeting Certificate |
| 9 | <input type="checkbox"/> | Submission of record of attending compulsory virtual bid clarification / site inspection meeting. |
| 10 | <input checked="" type="checkbox"/> | Submission of DPW-21 (EC): Record of Addenda to tender documents |
| 11 | <input checked="" type="checkbox"/> | The tenderer shall submit his fully priced Bills of Quantities / Lump Sum Document (complete document inclusive of all parts) together with his tender. |

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| 12 | <input type="checkbox"/> | The tenderer shall submit his fully priced and completed sectional summary- and final summary pages with the tender. |
| 13 | <input type="checkbox"/> | Submission of Proof of 30% Subcontracting participation and related documents in terms of the Preferential Procurement Regulations 2017 |
| 14 | <input checked="" type="checkbox"/> | <p>Tenderers to comply with the pre-qualification criteria on paragraph 11.3 (level 1 or 2) for Preferential Procurement as follows:</p> <p>a) A valid copy of the bidder's BBB-EE certificate OR</p> <p>b) A valid copy of the bidder's "Sworn Affidavit" attested by the commissioner of Oath as prescribed by the BBB-EE Codes of Good Practice.</p> <p>The Date of deponent and date of Commissioner of Oath must correspond or be the same; financial year end must be indicated, according to The Broad-Based Black Economic Empowerment Practice Guide 01 Of 2018, Determining The Validity of a Broad-Based Black Economic Empowerment Verification Certificate, B-BBEE Certificate and Sworn Affidavit paragraph 17(i)</p> <p>c) A valid copy of BBB-EE issued by the DTI will be accepted</p> <p>d) A valid copy of a BBB-EE Verification Certificate / a sworn affidavit and a BBB-EE Certificate issued by the Companies and Intellectual Property Commission (CIPC) will be accepted</p> <p>e) A trust, consortium or joint venture must submit a consolidated BBB-EE status Level Certificates together with the bids. Failure to submit the consolidated BBB-EE will lead to disqualification of the bid.</p> |
| 15 | <input type="checkbox"/> | |
| 16 | <input type="checkbox"/> | |
| 17 | <input type="checkbox"/> | |
| 18 | <input type="checkbox"/> | |

2.2 Administrative responsiveness criteria

The Employer reserves the right to request further information regarding the undermentioned criteria. Failing to submit further clarification and/or documentation within seven (7) calendar days from request or as specifically indicated, will disqualify the tender offer from further consideration.

| | | |
|---|-------------------------------------|--|
| 1 | <input checked="" type="checkbox"/> | Any correction to be initialled by the person authorised to sign the tender documentation as per PA 15.1 or PA 15.2 resolution of board/s of directors / or PA15.3 Special Resolution of Consortia or JV's . |
| 2 | <input checked="" type="checkbox"/> | Submission of applicable (PA-15.1, PA-15.2, PA-15.3): Resolution by the legal entity, or consortium / joint venture, authorising a dedicated person(s) to sign documents on behalf of the firm / consortium / joint venture. |
| 3 | <input checked="" type="checkbox"/> | Submission of (PA-11): Bidder's disclosure. |
| 4 | <input checked="" type="checkbox"/> | Submission of (PA 40): Declaration of Designated Groups for Preferential Procurement. |

Any reference to words "Bid" or Bidder" herein and/or in any other documentation shall be construed to have the same meaning as the words "Tender" or "Tenderer".

| | | |
|----|-------------------------------------|--|
| 5 | <input checked="" type="checkbox"/> | Submission of proof of Registration on National Treasury's Central Supplier Database (CSD). |
| 6 | <input checked="" type="checkbox"/> | Submission of DPW-15 (EC): Schedule of proposed sub-contractors |
| 7 | <input type="checkbox"/> | The tenderer shall submit his fully priced Bills of Quantities (complete document inclusive of all parts) within 14 days from request. |
| 8 | <input checked="" type="checkbox"/> | Upon request, submission of fingerprints obtainable from local SAPS including any other additional documentation and information required for vetting purposes. |
| 9 | <input checked="" type="checkbox"/> | Upon request, submission of a fully completed security clearance application form with supporting documentation and information as required. The security clearance form will be provided by the Employer for projects requiring a security clearance. |
| 10 | <input type="checkbox"/> | |
| 11 | <input type="checkbox"/> | |

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| 12 | <input type="checkbox"/> | |
| 13 | <input type="checkbox"/> | |
| 14 | <input type="checkbox"/> | |
| 15 | <input type="checkbox"/> | |

3. PREQUALIFICATION CRITERIA

Preferential procurement prequalification criteria is *applicable*.

The Tenderer must comply with the following Prequalification criteria for Preferential Procurement as listed below:

| | |
|-------------------------------------|---|
| <input checked="" type="checkbox"/> | A tenderer having stipulated minimum B-BBEE status level of contributor: <input checked="" type="checkbox"/> Level 1 or <input checked="" type="checkbox"/> Level 2 or <input type="checkbox"/> Level 3 |
| <input type="checkbox"/> | <input type="checkbox"/> An EME or <input type="checkbox"/> A QSE or <input type="checkbox"/> An EME or QSE |
| <input type="checkbox"/> | <p>A tenderer subcontracting a minimum of 30% to:</p> <p><input type="checkbox"/> An EME or QSE which is at least 51% owned by black people</p> <p><input type="checkbox"/> An EME or QSE which is at least 51% owned by black people who are youth</p> <p><input type="checkbox"/> An EME or QSE which is at least 51% owned by black people who are women</p> <p><input type="checkbox"/> An EME or QSE which is at least 51% owned by black people with disabilities</p> <p><input type="checkbox"/> An EME or QSE which is at least 51% owned by black people living in rural or underdeveloped areas or townships</p> <p><input type="checkbox"/> A co-operative which is at least 51% owned by black people</p> <p><input type="checkbox"/> An EME or QSE which is at least 51% owned by black people who are Military veterans</p> <p><input type="checkbox"/> An EME or QSE</p> |

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Functionality is applicable.

Note: All bids involving the acquisition of engineering and construction works from cidb Grade 4 and above are subjected to functionality.

Note: Functionality will be applied as a prequalification criterion. Such criteria are used to establish minimum requirements where after bids will be evaluated solely on the basis of price and preference.

| | |
|--|--------------------------|
| Minimum functionality score to qualify for further evaluation: | 50 |
| Functionality criteria: | Weighting factor: |
| <p>1. Experience</p> <p>The bidder must demonstrate adequate experience to have successfully completed building construction related projects to the value threshold equal or above R10 000 000 per project completed within the last 10 years. (2012 - 2022)</p> <p>The bidder must attach appointment letters with reference letters from the Employer with clear project description, contract period and contract value or completion certificates. Only projects completed prior to the closing date will be considered.</p> <p>The proof that the bidder provide in this category must be aligned to the list of projects submitted on the DPW-09. Failure to provide information on this form or provide information regarding the bidder's experience will lead to no scoring of points in this criteria.</p> <p>The projects listed on the DPW-09 will be used to score the bidder on quality.</p> <p>Scoring 5 plus projects = 5 points 4 projects = 4 points 3 projects = 3 points 2 projects = 2 points 1 project = 1 point</p> | 35 |
| <p>22.QUALITY / PERFORMANCE EVALUATION</p> <p>References listed on the DPW-09 will be used to obtain the quality of work. Bidders must provide contactable references (inclusive of contact person and his/her contact details). The bidder must forward/submit the standard template (QP01) attached in the tender document to the referees to complete as listed on the DPW09 and it must be signed and stamped. The duly completed, signed and stamped QP01 form must be attached to the tender document and submitted on/or before closing date.</p> <p>(The projects submitted for experience, quality / QP01 must correspond with projects listed on the DPW-09).</p> <p>The bidder must submit quality form for each project listed on the DPW-09. If the bidder submit more than one quality form with different ratings an average will be used to score the bidder in this category.</p> <p>Failure to submit quality forms (QP01) will lead to no scoring of points in this criteria.</p> <p>a) Excellent references 5 points b) Good references 4 points c) Fair references 3 points d) Average references 2 points e) Poor references 1 point</p> | 35 |

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| <p>. Resources</p> <p>Construction Project Leader/Site Agent: Provide qualification in Built Environment and detailed CV with a list of building construction related projects.</p> <p>Certified qualification must be submitted</p> <p>Scoring</p> <p>10 years plus experience = 5 Points</p> <p>8 - 9 years' experience = 4 Points</p> <p>6 - 7 years' experience = 3 Points</p> <p>4 - 5 years' experience = 2 Points</p> <p>1 - 3 years' experience = 1 Point</p> | <p>30</p> |
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| <p>Total</p> | <p>100 Points</p> |

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4. BID EVALUATION METHOD

This bid will be evaluated according to the preferential procurement model in the PPPFA: (Tick applicable preference point scoring system)

| | | |
|--|---|---|
| <input checked="" type="checkbox"/> 80/20 Preference points scoring system | <input type="checkbox"/> 90/10 Preference points scoring system | <input type="checkbox"/> Either 80/20 or 90/10 Preference points scoring system |
|--|---|---|

In case where below/above R 50 000 000 is selected, the lowest acceptable tender will be used to determine the applicable preference point system.

5. ELIGIBILITY IN RESPECT OF RISK TO THE EMPLOYER:

Standard risk management assessment criteria in respect of tenders received for routine projects in the engineering and construction works environments:

Tender offers will be evaluated by an Evaluation Committee based on the technical and commercial risk criteria listed hereunder. Each criterion carries the same weight / importance and will be evaluated individually based on reports presented to the Bid Evaluation Committee by the Professional Team appointed on the project. A tender offer will be declared non-responsive and removed from any further evaluation if any one criterion is found to present an unacceptable risk to the Employer.

In order for the evaluation reports to be prepared by the Professional Team, the Tenderer is obliged to provide comprehensive information on form DPW-09 (EC). Failure to complete the said form will cause the tender to be declared non-responsive and removed from any further consideration. The Employer reserves the right to request additional information over and above that which is provided by the Tenderer on said form. The information must be provided by the Tenderer within the stipulated time as determined by the Bid Evaluation Committee, failing which the tender offer will *mutatis mutandis* be declared non-responsive.

5.1 Technical risks:

Criterion 1: Experience on comparable projects during the past 10 years.

The tendering Service Provider's experience on comparable projects during the past 10 years. The number of current and previous comparable projects performed by the Tenderer as per the evaluation report prepared by the Consultant Team, based on its research and inspection of a representative sample of the Tenderer's current and previous work as reflected on form DPW-09 (EC), as well as, if necessary, of any additional work executed by the Tenderer, not reflected on form DPW-09 (EC). Failing to provide contactable references will result in the tender offer will be *mutatis mutandis* declared non-responsive.

Aspects to be regarded as "comparable" includes (but may be extended according to circumstances): size of projects (measured against monetary value or other project quantifying parameters), nature of projects (building, engineering, high/low rise, etc.), locality/area of execution (site-specific influences, knowledge of local conditions, etc.), complexity of project, projects for similar client department irrespective of end purpose of buildings/facilities created or in progress of being created and time scales of projects (normal, fast track, etc.) and stage of its/their development.

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Criterion 2: Contractual commitment and quality of performance on comparable projects during the past 10 years.

Adherence to contractual commitments and quality of performance of comparable current and previous projects performed by the Tenderer during the past 10 years as per the evaluation report prepared by the Consultant Team, based on its research and inspection of a representative sample of the Tenderer's current and previous work as reflected on form DPW-09 (EC), as well as, if necessary, of any additional work executed by the Tenderer, not reflected on form DPW-09 (EC). Failing to provide contactable references will result in the tender offer be *mutatis mutandis* declared non-responsive.

Aspects to be considered include, but are not limited to the following:

1. The level of progress on current projects in relation to the project programme or, if such is not available/applicable, to the contractual construction period in general;
2. The degree to which previous projects have been completed within the contractual completion periods and/or extensions thereto, and the extend of penalties imposed;
3. Project performance: time management & programming of works, timeous ordering of materials and appointment of subcontractors;
4. Financial management: payment to suppliers and cash flow problems;
5. Quality of workmanship: extent of reworks and timeous attention to remedial works;
6. Personnel resources: suitably qualified and experienced, turnover in site staff and labour force, specifically site manager and foreman;
7. Personnel management: extent of labour disputes and ability to resolving labour disputes amicably;
8. Sub-contractors: extent of turnover in subcontractors, general liaison and payment problems experienced;
9. Contract administration: contractual aspects such as complying to laws and regulations, insurances, security, submission of required documentation timeously, reaction to written contract instructions, appointments of subcontractors, etc. as can generally be expected in standard/normal conditions of contract.
10. Health & Safety: adherence to regulations and compliance, and number of transgressions & serious incidents.
11. Plant & equipment: sufficient resources on site and in time.
12. Delays: extent of causing delays, submission of claims timeously, and abuse of or exaggerated delay claims.
13. Final account: extent to which the contractor assisted in finalising the final account.

Criterion 3: Suitably qualified and appropriately experienced human resources

Allocation of suitably qualified and appropriately experienced human resources, both in respect of principals and/or other staff (contract manager, site agent, site foreman including other professional, technical and/or administrative) of the tendering Service Provider to the project, as proof that the tendering Service Provider will be able to react/respond appropriately to the Services required herein. The Company Organogram with CV's and certified ID's of all principals and employed workforce as well as proof of Professional Registration will be verified. Current and future workload of the tenderer in relation to capacity and capability will also be considered. The tenderer should demonstrate that he or she possesses the necessary professional and technical qualifications and -competence in relation to the scope of work and work to be undertaken.

Criterion 4: Attendance of compulsory bid clarification meeting, if applicable

If applicable, submission of confirmation of DPW-16.1 (PSB) attendance of compulsory bid clarification meeting or proof of attending the compulsory virtual meeting by a suitably qualified and experienced representative of the tenderer in terms of PA-04 (EC): Notice and Invitation to Tender.

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5.2 Commercial risks:

The financial viability assessment evaluates the risk over the life of the construction period, as to whether the tenderer will be able to deliver the goods and services which are specified in the contract and / or be able to fulfil guarantees or warranties provided for in the contract in order to complete the project successfully for the amount tendered.

Aspects to be considered include but are not limited to, the respective rates tendered, bank rating, financial capability and capacity whether the tenderer has or has access to sufficient financial resources to deliver the goods or services described in the tender documentation (including fulfilling any guarantees or warranty claims), whether the tenderer is not subject to any current or impending legal action (either formal proceedings or notification of legal action) which could impact on the financial standing of the tenderer or the delivery of the goods or services, financial report from auditors as proof of current liquidity, and company or any parent company or investor guarantee/s and financial statements.

6. CONTRACT PARTICIPATION GOAL TARGETS AND CIDB B.U.I.L.D. PROGRAMME

The contractor shall achieve in the performance of the contract the following Contract Participation Goals (CPGs) as described in PG-01.2 (EC): Scope of Work and PG-02.2 (EC): Pricing Assumptions and in accordance with the feasibility study, which forms part of the specifications in the CPG Section of the Specification of this contract.

| | | |
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| (a) | Minimum 30% Mandatory Subcontracting to SMMEs in accordance with the Preferential Procurement Policy Framework Act, 2000: Preferential Procurement Regulations, 2017 as published in the Government Gazette Notice No. 40553 of 20 January 2017 – Condition of Tender. | Not applicable |
| (b) | Minimum Targeted Local Manufacturers of Material Contract Participation Goal, in accordance with the cidb Standard for Contract Participation Goals for Targeting Enterprises and Labour through Construction Works Contracts as published in the Government Gazette Notice No. 41237 of 10 November 2017, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract. | Not applicable |
| (c) | Minimum Targeted Local Building Material Suppliers Contract Participation Goal in accordance with the cidb Standard for Contract Participation Goals for Targeting Enterprises and Labour through Construction Works Contracts as published in the Government Gazette Notice No. 41237 of 10 November 2017, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract. | Not applicable |
| (d) | Minimum Targeted Local Labour Skills Development Contract Participation Goal in accordance with the cidb Standard for Contract Participation Goals for Targeting Enterprises and Labour through Construction Works Contracts as published in the Government Gazette Notice No. 41237 of 10 November 2017, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract. | Not applicable |
| (e) | cidb BUILD Programme: Minimum Targeted Enterprise Development Contract Participation Goal in accordance with the cidb Standard for Indirect Targeting for Enterprise Development through Construction Works Contracts, No 36190 Government Gazette, 25 February 2013, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract. | Not applicable |
| (f) | cidb BUILD Programme: Minimum Targeted Contract Skills Development Goal in accordance with the cidb Standard for Developing Skills through Infrastructure Contracts as published in the Government Gazette Notice No. 43495 of 3 July 2020, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract. | Not applicable |

Any reference to words "Bid" or Bidder" herein and/or in any other documentation shall be construed to have the same meaning as the words "Tender" or "Tenderer".

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| (g) | DPWI National Youth Service training and development programme (NYS) – Condition of Contract. | Not applicable |
| (h) | Labour Intensive Works – Condition of Contract. | Applicable |
| (i) | | Select |
| (j) | | Select |

7. COLLECTION OF TENDER DOCUMENTS

- ☒ Bid documents are available for free download on e-Tender portal www.etenders.gov.za
- ☒ Alternatively; Bid documents may be collected during working hours at the following address
CUSTOMS HOUSE BUILDING , FORESHORE,CAPE TOWN. A non-refundable bid deposit of R 500 is payable (cash only) on collection of the bid documents.

8. SITE INSPECTION MEETING

A pre-tender site inspection meeting will **be** held in respect of this tender.
Attendance of said pre- tender site inspection meeting is **compulsory**

The particulars for said pre- tender site inspection meeting or virtual bid clarification / site inspection meeting. are:

| | | | |
|------------------------------|---|-----------------------|----------|
| Venue: | CUSTOMS HOUSE BUILDING , FORESHORE,CAPE TOWN DOME; 3rd Floor | | |
| Virtual meeting link: | N/A | | |
| Date: | 17/10/2022 | Starting time: | 10:00 am |

9. ENQUIRIES

Enquiries related to tender documents may be addressed to:

| | | | |
|------------------------------|-------------------------------|----------------------|--------------|
| DPWI Project Manager: | Babalwa Ntshanyana | Telephone no: | 073 286 3807 |
| Cellular phone no: | 073 286 3807 | Fax no: | |
| E-mail: | Babalwa.Ntshanyana@dpw.gov.za | | |

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10. DEPOSIT / RETURN OF TENDER DOCUMENTS

Telegraphic, telephonic, telex, facsimile, electronic and / or late tenders will not be accepted.

Requirements for sealing, addressing, delivery, opening and assessment of tenders are stated in the Tender Data.

All tenders must be completed in non-erasable ink and submitted on the official forms – (forms not to be re-typed).

| | | |
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| <p>Tender documents may be posted to:</p> <p>The Director-General Department of Public Works and Infrastructure Private Bag X 9027 Cape Town 8000</p> <p>Attention: Procurement section: Room 941</p> | <p>OR</p> | <p>Deposited in the tender box at:</p> <p>Department of Public Works Customs House Building Lower Heerengracht, Cape Town 941</p> |
|--|------------------|--|

11. COMPILED BY:

| | | |
|-------------------------|-----------|------|
| Babalwa Ntshanyana | | |
| Name of Project Manager | Signature | Date |

T1.2 Tender Data

DPW-03 (EC): TENDER DATA

| | |
|-----------------------|---|
| Project title: | CAPE TOWN: PARLIAMENTARY PRECINCT: UPGRADING AND RECONFIGURATION OF VARIOUS KITCHENS INCLUDING REPLACEMENT OF EQUIPMENT AND ASSOCIATED WORKS |
| Reference no: | WCS NO: 054967 |

| | | | |
|-------------------------------|-------------------|-------------------------|------------------------------------|
| Tender / Quotation no: | CPT1005/22 | Closing date: | 28/10/2022 |
| Closing time: | 11h00 | Validity period: | 12 Weeks (84 Calendar days) |

| | |
|-----------------------|---|
| Clause number: | |
| | <p>The conditions of tender are the Standard Conditions of Tender as contained in Annex C of the CIDB Standard for Uniformity in Construction Procurement as per Government Notice No. 423 published in Government Gazette No. 42622 of 8 August 2019 and as amended from time to time. (see www.cidb.org.za).</p> <p>The Standard Conditions of Tender make several references to the Tender Data for details that apply specifically to this tender. The Tender Data shall have precedence in the interpretation of any ambiguity or inconsistency between it and the Standard Conditions of Tender.</p> <p>Each item of data given below is cross-referenced to the clause marked "C" in the above mentioned Standard Conditions of Tender.</p> |
| C.1.1 | The employer is the Government of the Republic of South Africa in its Department of Public Works and Infrastructure. |
| C.1.2 | <p>For this contract the three volume approach is adopted.</p> <p>This procurement document has been formatted and compiled under the headings as contained in the CIDB's "Standard for Uniformity in Construction Procurement."</p> <p>The three volume procurement document issued by the employer comprises the following:</p> <p>Volume 1: Tendering procedures T1.1 - Notice and invitation to tender (PA-04 EC) T1.2 - Tender data (DPW-03 EC)</p> <p>Volume 2: Returnable documents T2.1 - List of returnable documents (PA-09 EC) C1.1 - Form of offer and acceptance (DPW-07 EC) C1.2 – Contract Data T2.2 - Returnable schedules</p> <p>Volume 3: Contract Part C1: Agreement and contract data C1.2 - Contract data (Part 1: Data provided by employer) (DPW-04 EC or DPW-05 EC) C1.3 - Form of guarantee (DPW-10.1 EC / DPW-10.3EC or DPW-10.2 EC/DPW-10.4 EC)</p> <p>Part C2: Pricing data C2.1 - Pricing Assumptions (PG-02.2 EC or PG-02.1EC) C2.2 - Bills of Quantities / Lump sum document (if not a returnable document)</p> <p>Part C3: Scope of work C3 - Scope of work (PG-01.2 EC or PG-01.1EC)</p> <p>Part C4: Site information C4 - Site information (PG-03.2 EC or PG03.1EC)</p> |

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| C.1.4 | The Employer's agent is: | |
| | Name: | <i>The Creative Axis</i> |
| | Capacity: | <i>Private Project Manager</i> |
| | Address: | <i>Boulevard Place, South Lobby 3rd Floor, Heron Crescent, Century City, Cape Town, 7441</i> |
| | Tel: | <i>1021 424 7742</i> |
| | Fax: | <i>086 662 2199</i> |
| | E-mail: | <i>arthur@creativeaxis.co.za</i> |
| C.2.1 C.3.11 | <p>A. <u>ELIGIBILITY IN RESPECT OF CIDB REGISTRATION:</u></p> <p>The following tenderers who are registered with the CIDB, or are *capable of being so registered prior to the evaluation of submissions, are eligible to have their tenders evaluated (* tenderers who are capable of being so registered, or who have applied for registration but have not yet received confirmation of such registration, must provide, <u>with this tender</u>, acceptable documentary proof thereof):</p> <ul style="list-style-type: none"> a) contractors who have a contractor grading designation equal to or higher than a contractor grading designation determined in accordance with the sum tendered, or a value determined in accordance with Regulation 25 (1B) or 25 (7A) of the Construction Industry Development Regulations, for a 6GB or select tender value rangeGB** class of construction work; and b) contractors registered as potentially emerging enterprises with the CIDB who are registered in one contractor grading designation lower than that required in terms of a) above <p>Joint ventures are eligible to submit tenders provided that:</p> <ul style="list-style-type: none"> 1. every member of the joint venture is registered with the CIDB; 2. the lead partner has a contractor grading designation in the 6GB or 6GB** class of construction work; and 3. the combined contractor grading designation calculated in accordance with the Construction Industry Development Regulations is equal to or higher than a contractor grading designation determined in accordance with the sum tendered, or a value determined in accordance with Regulation 25 (1B) or 25 (7A) of the Construction Industry Development Regulations for a 6GB or 6GB** class of construction work <p>** Delete "or select tender value range select class of construction works" where only one class of construction works is applicable</p> | |
| | <p>A contract will be entered into with a tenderer who has in his employ management and supervisory staff satisfying the requirements of the scope of work for labour intensive competencies for supervisory and management staff. - Not applicable</p> | |

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B. INDICATE THE FUNCTIONALITY WEIGHTING APPLICABLE TO THIS BID:

Note: All bids involving the acquisition of engineering and construction works from cidb Grade 4 and above are subjected to functionality.

Note: Functionality will only be applied as a prequalification criterion. Such criteria are used to establish minimum requirements where after bids will be evaluated solely on the basis of price and preference.

| Functionality Criteria | Weighting Factor |
|--|-------------------------|
| Experience | 35 |
| Quality/ Performance Evaluation | 35 |
| Resources | 30 |
| | |
| | |
| | |
| | |
| | |
| | |
| Total | 100 Points |

(Weightings will be multiplied by the scores allocated during the evaluation process to arrive at the total functionality points)

| | |
|---|-----------|
| Minimum functionality score to qualify for further evaluation: | 50 |
|---|-----------|

(Total minimum qualifying score for functionality is 50 Percent).

C ELIGIBILITY IN RESPECT OF RISK TO EMPLOYER:

Standard risk management assessment criteria in respect of tenders received for routine projects in the engineering and construction works environments:

Tender offers will be evaluated by an Evaluation Committee based on the technical and commercial risk criteria listed hereunder. Each criterion carries the same weight / importance and will be evaluated individually based on reports presented to the Bid Evaluation Committee by the Professional Team appointed on the project. A tender offer will be declared non-responsive and removed from any further evaluation if any one criterion is found to present an unacceptable risk to the Employer.

In order for the evaluation reports to be prepared by the Professional Team, the Tenderer is obliged to provide comprehensive information on form DPW-09 (EC). Failure to complete the said form will cause the tender to be declared non-responsive and removed from any further consideration. The Employer reserves the right to request additional information over and above that which is provided by the Tenderer on said form. The information must be provided by the Tenderer within the stipulated time as determined by the Bid Evaluation Committee, failing which the tender offer will *mutatis mutandis* be declared non-responsive.

C.1 Technical risks:

Criterion 1: Experience on comparable projects during the past 5 years.

The tendering Service Provider's experience on comparable projects during the past 5 years. The number of current and previous comparable projects performed by the Tenderer as per the evaluation report prepared by the Consultant Team, based on its research and inspection of a representative sample of the Tenderer's current and previous work as reflected on form DPW-09 (EC), as well as, if necessary, of any additional work executed by the Tenderer, not reflected on form DPW-09 (EC). Failing to provide contactable references will result in the tender offer will be *mutatis mutandis* declared non-responsive.

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Aspects to be regarded as “comparable” includes (but may be extended according to circumstances): size of projects (measured against monetary value or other project quantifying parameters), nature of projects (building, engineering, high/low rise, etc.), locality/area of execution (site-specific influences, knowledge of local conditions, etc.), complexity of project, projects for similar client department irrespective of end purpose of buildings/facilities created or in progress of being created and time scales of projects (normal, fast track, etc.) and stage of its/their development.

Criterion 2: Contractual commitment and quality of performance on comparable projects during the past 5 years.

Adherence to contractual commitments and quality of performance of comparable current and previous projects performed by the Tenderer as per the evaluation report prepared by the Consultant Team, based on its research and inspection of a representative sample of the Tenderer's current and previous work as reflected on form DPW-09 (EC), as well as, if necessary, of any additional work executed by the Tenderer, not reflected on form DPW-09 (EC). Failing to provide contactable references will result in the tender offer be *mutatis mutandis* declared non-responsive.

Aspects to be considered include, but are not limited to the following:

1. The level of progress on current projects in relation to the project programme or, if such is not available/applicable, to the contractual construction period in general;
2. The degree to which previous projects have been completed within the contractual completion periods and/or extensions thereto, and the extend of penalties imposed;
3. Project performance: time management & programming of works, timeous ordering of materials and appointment of subcontractors;
4. Financial management: payment to suppliers and cash flow problems;
5. Quality of workmanship: extent of reworks and timeous attention to remedial works;
6. Personnel resources: suitably qualified and experienced, turnover in site staff and labour force, specifically site manager and foreman;
7. Personnel management: extent of labour disputes and ability to resolving labour disputes amicably;
8. Sub-contractors: extent of turnover in subcontractors, general liaison and payment problems experienced;
9. Contract administration: contractual aspects such as complying to laws and regulations, insurances, security, submission of required documentation timeously, reaction to written contract instructions, appointments of subcontractors, etc. as can generally be expected in standard/normal conditions of contract.
10. Health & Safety: adherence to regulations and compliance, and number of transgressions & serious incidents.
11. Plant & equipment: sufficient resources on site and in time.
12. Delays: extent of causing delays, submission of claims timeously, and abuse of or exaggerated delay claims.
13. Final account: extent to which the contractor assisted in finalising the final account.

Criterion 3: Suitably qualified and appropriately experienced human resources

Allocation of suitably qualified and appropriately experienced human resources, both in respect of principals and/or other staff (contract manager, site agent, site foreman including other professional, technical and/or administrative) of the tendering Service Provider to the project, as proof that the tendering Service Provider will be able to react/respond appropriately to the Services required herein. The Company Organogram with CV's and certified ID's of all principals and employed workforce as well as proof of Professional Registration will be verified. Current and future workload of the tenderer in relation to capacity and capability will also be considered. The tenderer should demonstrate that he or she possesses the necessary professional and technical qualifications and -competence in relation to the scope of work and work to be undertaken.

Criterion 4: Attendance of compulsory bid clarification meeting, if applicable

If applicable, submission of confirmation of DPW-16.1 (PSB) attendance of compulsory bid clarification meeting or proof of attending the compulsory virtual meeting by a suitably qualified and experienced representative of the tenderer in terms of PA-04 (EC): Notice and Invitation to Tender.

Tender no: CPT1005/22

| | |
|---------------------------------|---|
| | <p>C.2 Commercial risks:</p> <p>The financial viability assessment evaluates the risk over the life of the construction period, as to whether the tenderer will be able to deliver the goods and services which are specified in the contract and / or be able to fulfil guarantees or warranties provided for in the contract in order to complete the project successfully for the amount tendered.</p> <p>Aspects to be considered include but are not limited to, the respective rates tendered, bank rating, financial capability and capacity whether the tenderer has or has access to sufficient financial resources to deliver the goods or services described in the tender documentation (including fulfilling any guarantees or warranty claims), whether the tenderer is not subject to any current or impending legal action (either formal proceedings or notification of legal action) which could impact on the financial standing of the tenderer or the delivery of the goods or services, financial report from auditors as proof of current liquidity, and company or any parent company or investor guarantee/s and financial statements.</p> |
| C.2.7 | For particulars regarding a pre-tender site inspection meeting, see Notice and Invitation to Tender T1.1 |
| C.2.12 | <p>If a tenderer wishes to submit an alternative tender offer, the only criteria permitted for such alternative tender offer is that it demonstrably satisfies the Employer's standards and requirements. A tenderer may submit alternative tender offers only if a main tender offer, strictly in accordance with all the requirements of the tender documents, is also submitted. Provided that the tenderer's main tender offer is according to specification and would under normal circumstances be recommended for acceptance, his alternative tender offer may also be considered for the purpose of the award of the contract.</p> <p>Calculations, drawings and all other pertinent technical information and characteristics as well as modified or proposed Pricing Data must be submitted with the alternative tender offer to enable the Employer to evaluate the efficacy of the alternative and its principal elements, to take a view on the degree to which the alternative complies with the Employer's standards and requirements and to evaluate the acceptability of the pricing proposals. Calculations must be set out in a clear and logical sequence and must clearly reflect all design assumptions. Pricing Data must reflect all assumptions in the development of the pricing proposal.</p> <p>Acceptance of an alternative tender offer will mean acceptance in principle of the offer. It will be an obligation of the contract for the tenderer, in the event that the alternative is accepted, to accept full responsibility and liability that the alternative offer complies in all respects with the Employer's standards and requirements.</p> <p>The modified Pricing Data must include an amount equal to 5% of the amount tendered for the alternative offer to cover the Employer's costs of confirming the acceptability of the detailed design before it is constructed.</p> <p>Alternative tender offer permitted: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p> |
| C.2.13.2 | The list of Returnable Documents identifies which of the documents a tenderer must complete when submitting a tender offer. The tenderer must submit his tender offer by completing the Returnable Documents, signing the "Offer" section in the "Form of Offer and Acceptance" and delivering the Returnable Documents back to the Department. |
| C.2.13.5 | The Employer's address for delivery of tender offers and identification details to be shown on each tender offer package are as per Notice and Invitation to Tender T1.1. |
| C.2.13.6 C.3.5 | A two-envelope procedure will not be followed. |
| C.2.15 | The closing time for submission of tender offers is as per Notice and Invitation to Tender T1.1. |
| C.2.16 | The tender offer validity period is as per Notice and Invitation to Tender T1.1. |
| C2.16.3 | Omit the wording of the last sentence for those projects which are subject to CPAP |
| C.2.18 | <p>The tenderer will be required to submit his fully priced Bills of Quantities / Lump Sum Document (complete document inclusive of all parts):</p> <p><input checked="" type="checkbox"/> Together with his tender; or <input type="checkbox"/> The tenderer shall submit his fully priced and completed sectional summary- and final summary pages with the tender and thereafter submit the fully completed Bills of Quantities within fourteen (14) calendar days of the date requested to do so prior to the award of the contract.</p> |

Tender no: CPT1005/22

| | |
|----------------------------------|--|
| C.2.19 | Access shall be provided for inspections, tests and analysis as may be required by the Employer. |
| C.3.4.1 C.3.4.2 | The location for opening of the tender offers, immediately after the closing time thereof shall be at: <i>Ground Floor, Custom House Building, Cape Town</i> |
| C.3.8 | The words “responsive tender” and “acceptable tender” shall be construed to have the same meaning. |
| C.3.9.3 | Omit the wording and replace with the following: “Notify the tenderer of all errors, omissions and/or rate imbalances that are identified in the tender offer and request the tenderer to, within a stipulated time, accept the total of prices as corrected in accordance with C.3.9.4.” |
| C.3.9.4 | Omit the wording of the first sentence and replace with the following: “In cases where tender offers contain errors, omissions and/or rate imbalances, these are to be corrected as follows:” |
| C.3.9.4 | Add sub paragraph c) to C.3.9.4, as follows: “c) If the tenderer does not accept the corrected tender offer, or cannot reach consensus with the Employer on a corrected tender offer, the tender is to be classified as not acceptable/non responsive and removed from further contention.” |
| C.3.11.1 | The procedure for the evaluation of responsive tenders is Method 2: Financial Offer and Preference. |
| C.3.13 | Add the following to sub paragraph a), as follows: The tenderer or any of its directors is not listed on the Register of Tender Defaulters in terms of the Prevention and Combating of Corrupt Activities Act, 2004 (Act No. 12 of 2004) as a person prohibited from doing business with the public sector; |
| C.3.17 | Provide to the successful tenderer one copy of the signed contract document. |



public works
& infrastructure

Department:
Public Works and Infrastructure
REPUBLIC OF SOUTH AFRICA

Tender No. : CPT1005/22

REPUBLIC OF SOUTH AFRICA

Department : Public Works and Infrastructure

PROJECT TITLE : CAPE TOWN : PARLIAMENTARY PRECINCT : UPGRADING AND RECONFIGURATION OF VARIOUS KITCHENS INCLUDING REPLACEMENT OF EQUIPMENT AND ASSOCIATED WORKS

TENDER NO : CPT1005/22

FILE NO : WCS 054967

CLOSING DATE : 11H00 ON 28 OCTOBER 2022

TENDER DOCUMENT – VOLUME 2

| <u>DEPARTMENT</u> | | <u>PROJECT LEADER</u> | |
|---|---|---|--|
| DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE | | DEPARTMENTAL REPRESENTATIVE: THE CREATIVE AXIS ARCHITECTS | |
| <u>PHYSICAL ADDRESS</u> | <u>POSTAL ADDRESS</u> | <u>POSTAL ADDRESS</u> | <u>PHYSICAL ADDRESS</u> |
| Customs House Lower Heerengracht Foreshore Cape Town 8001 | Private Bag X 9027 CAPE TOWN 8000 | Boulevard Place South Lobby, 3 rd Floor Heron Crescent Century City Cape Town 8001 | Boulevard Place South Lobby, 3 rd Floor Heron Crescent Century City Cape Town 8001 |
| Contact : Phone | Ms Babalwa Ntshanyana 073 286 3807 | Contact : Phone | Mr Bhavik Ranchod 076 460 8401 |

VOLUME 2: LIST OF RETURNABLE DOCUMENTS

LIST OF RETURNABLE DOCUMENTS

PA-09 (EC): LIST OF RETURNABLE DOCUMENTS

| | | | |
|---------------------------|---|----------------------|------------|
| Project title: | CAPE TOWN: PARLIAMENTARY PRECINCT: UPGRADING AND RECONFIGURATION OF VARIOUS KITCHENS INCLUDING REPLACEMENT OF EQUIPMENT AND ASSOCIATED WORKS | | |
| Tender / Quote no: | CPT1005/22 | Reference no: | WCS 054967 |
| Receipt Number: | | | |

1. RETURNABLE DOCUMENTS REQUIRED FOR TENDER EVALUATION PURPOSES

Note: Failure to submit the applicable documents will result in the tender offer being disqualified from further consideration.

| Tender document name | Number of pages issued | Returnable document |
|--|-------------------------------|----------------------------|
| Form of Offer and Acceptance (DPW-07 EC) | 4 Pages | Yes |
| Declaration of Interest and Tenderer's Past Supply Chain Management Practices (PA-11) | 4 Pages | Yes |
| Resolution of Board of Directors (PA-15.1) <i>(if applicable)</i> | 1 Page | Yes |
| Resolution of Board of Directors to enter into Consortia or JV's (PA-15.2) <i>(if applicable)</i> | 2 Pages | Yes |
| Special Resolution of Consortia or JV's (PA-15.3) <i>(if applicable)</i> | 3 Pages | Yes |
| Preference points claim form in terms of the Preferential Procurement Regulations 2017 (PA – 16) | 5 Pages | Yes |
| Certificate of independent Bid Determination (PA - 29) | 4 Pages | Yes |
| Declaration Certificate for Local Production and Content for designated sectors (PA – 36 and Annexure/s C) | 8 Pages | Yes |
| Fully completed Declaration of Designated Groups for Preferential Procurement (PA 40) | 2 Pages | Yes |
| Registration on National Treasury's Central Supplier Database (CSD). | - | Yes |
| Particulars of Tenderer's Projects (DPW-09 EC) | 2 Pages | Yes |
| Site Inspection Meeting Certificate (DPW-16 EC) <i>(if applicable)</i> . | 1 Page | |
| Record of attending compulsory virtual bid clarification / site inspection meeting <i>(if applicable)</i> . | 1 Page | yes |
| Record of Addenda to tender documents (DPW-21 EC) | 1 Page | Yes |
| Site Inspection Meeting Certificate (DPW-16 EC) <i>(if applicable)</i> | 1 Page | |
| Proof of 30% Subcontracting participation and related documents in terms of the Preferential Procurement Regulations 2017 <i>(if applicable)</i> . | | |
| | | |
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| | | |

* In compliance with the requirements of the CIDB SFU Annexure G

Tender no: **CPT1005/22**

2. ADDITIONAL RETURNABLE DOCUMENTS REQUIRED FOR TENDER EVALUATION PURPOSES

Note: Failure to submit the applicable documents will result in the Tenderer having to submit same upon request within a stipulated time and if not complied with, will result in the tender offer being disqualified from further consideration. [See also C.2.18 of the Standard Conditions of Tender]

| Tender document name | Number of pages issued | Returnable document |
|---|------------------------|---------------------|
| Any <u>additional</u> information required to complete a risk assessment (<i>if applicable</i>) | - | Yes |
| | | |
| | | |
| | | |

3. RETURNABLE DOCUMENTS THAT WILL BE INCORPORATED INTO THE CONTRACT

Note: Failure to submit the applicable documents will result in the Tenderer having to submit same upon request within a stipulated time and if not complied with, will result in the tender offer being disqualified from further consideration. [See also C.2.18 of the Standard Conditions of Tender]

| Tender document name | Number of pages issued | Returnable document |
|---|------------------------|---------------------|
| Schedule of proposed sub-contractors (DPW-15 EC) (<i>if applicable</i>) | 1 Page | Yes |
| Particulars of Electrical Contractor (DPW-22 EC) (<i>if applicable</i>) | 1 Page | Yes |
| Mechanical / Electrical / Security Work material and equipment schedules (<i>if applicable</i>) | Pages | Yes |
| Schedule for Imported Materials and Equipment (DPW-23 EC) (<i>if applicable</i>) | 1 Page | Yes |

4. OTHER DOCUMENTS THAT WILL BE INCORPORATED INTO THE CONTRACT

(Insert a tick in the "Returnable document" column to indicate which documents must be returned with the tender)

Note: Failure to submit the applicable documents will result in the tender offer being disqualified from further consideration.

| Tender document name | Number of pages issued | Returnable document |
|---|------------------------|---|
| Priced Bills of Quantities / Lump Sum Document (complete document inclusive of all parts) | Pages | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Fully priced and completed sectional summary- and final summary pages with the tender. | Pages | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| <i>insert document name</i> | Pages | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| <i>insert document name</i> | Pages | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| <i>insert document name</i> | Pages | <input type="checkbox"/> Yes <input type="checkbox"/> No |

Tender no: **CPT1005/22**

5. ADDITIONAL INFORMATION THAT MAY BE REQUIRED FOR TENDER EVALUATION PURPOSES

| Legal Status of Tendering Entity: If the Tendering Entity is: | Documentation to be submitted with the tender, or which may be required during the tender evaluation: |
|---|--|
| a. A close corporation, incorporated prior to 1 May 2011 under the Close Corporations Act, 1984 (Act 69 of 1984, as amended) | Copies of the Founding Statement – CK1 |
| b. A profit company duly registered as a private company. [including a profit company that meets the criteria for a private company, whose Memorandum of Incorporation states that the company is a personal liability company in terms of Section 8(2)(c) of the Companies Act, 2008 (Act 71 of 2008, as amended)]. | Copies of: i. Certificate of Incorporation – CM1; ii. Shareholding Certificates of all Shareholders of the company, plus a signed statement of the company's Auditor, certifying each Shareholder's ownership / shareholding percentage relative to the total; and/or iii. Memorandum of Incorporation in the case of a personal liability company. |
| c. A profit company duly registered as a private company in which any, or all, shares are held by one or more other close corporation(s) or company(ies) duly registered as profit or non-profit company(ies). | Copies of documents referred to in a. and/or b. above in respect of all such close corporation(s) and/or company(ies). |
| d. A profit company duly registered as a public company. | Copy of Certificate of Incorporation – CM1, and a signed statement of the company's Secretary or Auditor confirming that the company is a public company. |
| e. A non-profit company, incorporated in terms of Section 10 and Schedule 1 of the Companies Act, 2008 (Act 71 of 2008, as amended). | Copies of: i the Founding Statement – CK1; and ii the Memorandum of Incorporation setting out the object of the company, indicating the public benefit, cultural or social activity, or communal or group interest. |
| f. A natural person, sole proprietor or a Partnership | Copy(ies) of the Identity Document(s) of: i. such natural person/ sole proprietor, or each of the Partners to the Partnership. |
| g. A Trust | Deed of Trust duly indicating names of the Trustee(s) and Beneficiary (ies) as well as the purpose of the Trust and the mandate of the Trustees. |

Signed by the Tenderer:

| | | |
|-------------------------------|------------------|-------------|
| | | |
| Name of representative | Signature | Date |

C1.1 Form of Offer & Acceptance

DPW-07 (EC): FORM OF OFFER AND ACCEPTANCE

| | | | |
|-------------------------------|---|----------------------|------------|
| Project title: | CAPE TOWN: PARLIAMENTARY PRECINCT: UPGRADING AND RECONFIGURATION OF VARIOUS KITCHENS INCLUDING REPLACEMENT OF EQUIPMENT AND ASSOCIATED WORKS | | |
| Tender / Quotation no: | CPT1005/22 | Reference no: | WCS 054967 |

OFFER

The Employer, identified in the acceptance signature block, has solicited offers to enter into a contract for the procurement of:

Alterations and additons to 2 existing kitchens within the Parliamentary precinct, incl tiling, sanitary fittings etc, electrical installations, mechanical installation and the replacement of existing Kitchen Equipment and Cold/ Freezer Rooms. One Kitchen is for the supply and instalation of Kitchen Equipment and Cold/ Freezer rooms only.

The Tenderer, identified in the offer signature block, has examined the documents listed in the tender data and addenda thereto as listed in the returnable schedules, and by submitting this offer has accepted the conditions of tender.

By the representative of the Tenderer, deemed to be duly authorized, signing this part of this form of offer and acceptance, the Tenderer offers to perform all of the obligations and liabilities of the Contractor under the contract including compliance with all its terms and conditions according to their true intent and meaning for an amount to be determined in accordance with the conditions of contract identified in the contract data.

THE TOTAL OFFER INCLUSIVE OF ALL APPLICABLE TAXES ("All applicable taxes" includes value- added tax, pay as you earn, income tax, unemployment insurance fund contributions and skills development levies) **IS:**

Rand (in figures) R

Rand (in words).....

.....

.....

The amount in words takes precedence over the amount in figures. The award of the tender may be subjected to further price negotiation with the preferred tenderer(s). The negotiated and agreed price will be considered for acceptance as **a firm and final offer**.

This offer may be accepted by the Employer by signing the acceptance part of this form of offer and acceptance and returning one copy of this document to the Tenderer before the end of the period of validity stated in the tender data, whereupon the Tenderer becomes the party named as the Contractor in the conditions of contract identified in the contract data.

THIS OFFER IS MADE BY THE FOLLOWING LEGAL ENTITY: (cross out block which is not applicable)

| | | |
|--|-----------|--|
| Company or Close Corporation: And: Whose Registration Number is: And: Whose Income Tax Reference Number is: CSD supplier number:..... | OR | Natural Person or Partnership: Whose Identity Number(s) is/are: Whose Income Tax Reference Number is/are: CSD supplier number:..... |
|--|-----------|--|

*Any reference to words "Bid" or "Bidder" herein and/or in any other documentation shall be construed to have the same meaning as the words "Tender" or "Tenderer".

**Any reference to the words "payment reduction" herein shall be construed to have the same meaning as the word "retention"

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| | |
|---|---|
| AND WHO IS (if applicable): | |
| Trading under the name and style of: | |
| AND WHO IS: | |
| Represented herein, and who is duly authorised to do so, by: Mr/Mrs/Ms: In his/her capacity as: | Note: A Resolution / Power of Attorney, signed by all the Directors / Members / Partners of the Legal Entity must accompany this Offer, authorising the Representative to make this offer. |

SIGNED FOR THE TENDERER:

| | | |
|------------------------|-----------|------|
| | | |
| Name of representative | Signature | Date |

WITNESSED BY:

| | | |
|-----------------|-----------|------|
| | | |
| Name of witness | Signature | Date |

This Offer is in respect of: (Please indicate with an "X" in the appropriate block)

- The official documents ☐
- The official alternative ☐
- Own alternative (only if documentation makes provision therefore) ☐

(N.B.: Separate Offer and Acceptance forms are to be completed for the main and for each alternative offer)

SECURITY OFFERED:

- (a) the Tenderer accepts that in respect of contracts up to R1 million, a payment reduction** of 5% of the contact value (excluding VAT) will be applicable and will be deducted by the Employer in terms of the applicable conditions of contract
- (b) in respect of contracts above R1 million, the Tenderer offers to provide security as indicated below:
- (1) cash deposit of 10 % of the Contract Sum (excluding VAT) Yes ☐ No ☐
 - (2) variable construction guarantee of 10 % of the Contract Sum (excluding VAT) Yes ☐ No ☐
 - (3) payment reduction of 10% of the value certified in the payment certificate (excluding VAT) Yes ☐ No ☐
 - (4) cash deposit of 5% of the Contract Sum (excluding VAT) and a payment reduction of 5% of the value certified in the payment certificate (excluding VAT) Yes ☐ No ☐
 - (5) fixed construction guarantee of 5% of the Contract Sum (excluding VAT) and a payment reduction of 5% of the value certified in the payment certificate (excluding VAT) Yes ☐ No ☐

NB. Guarantees submitted must be issued by either an insurance company duly registered in terms of the Insurance Act [Long-Term Insurance Act, 1998 (Act 52 of 1998) or Short-Term Insurance Act, 1998 (Act 35 of 1998)] or by a bank duly registered in terms of

*Any reference to words "Bid" or "Bidder" herein and/or in any other documentation shall be construed to have the same meaning as the words "Tender" or "Tenderer".

**Any reference to the words "payment reduction" herein shall be construed to have the same meaning as the word "retention"

the Banks Act, 1990 (Act 94 of 1990) on the pro-forma referred to above. No alterations or amendments of the wording of the pro-forma will be accepted.

Tender / Quotation no: CPT1005/22

The Tenderer elects as its *domicilium citandi et executandi* in the Republic of South Africa, where any and all legal notices may be served, as (physical address):

.....
.....

Other Contact Details of the Tenderer are:

Telephone No..... Cellular Phone No.

Fax No

Postal address

Banker Branch.....

Registration No of Tenderer at Department of Labour

CIDB Registration Number:

ACCEPTANCE

By signing this part of this form of offer and acceptance, the Employer identified below accepts the Tenderer's offer. In consideration thereof, the Employer shall pay the Contractor the amount due in accordance with the conditions of contract identified in the contract data. Acceptance of the Tenderer's offer shall form an agreement between the Employer and the Tenderer upon the terms and conditions contained in this agreement and in the contract that is the subject of this agreement.

The terms of the contract are contained in:

Part C1 Agreement and contract data, (which includes this agreement)

Part C2 Pricing data

Part C3 Scope of work

Part C4 Site information and drawings and documents or parts thereof, which may be incorporated by reference into the above listed Parts.

Deviations from and amendments to the documents listed in the tender data and any addenda thereto as listed in the tender schedules as well as any changes to the terms of the offer agreed by the Tenderer and the Employer during this process of offer and acceptance, are contained in the schedule of deviations attached to and forming part of this agreement. No amendments to or deviations from said documents are valid unless contained in this schedule.

The Tenderer shall within two weeks after receiving a completed copy of this agreement, including the schedule of deviations (if any), contact the Employer's agent (whose details are given in the contract data) to arrange the delivery of any securities, bonds, guarantees, proof of insurance and any other documentation to be provided in terms of the conditions of contract identified in the contract data. Failure to fulfil any of these obligations in accordance with those terms shall constitute a repudiation of this agreement.

Notwithstanding anything contained herein, this agreement comes into effect on the date when the tenderer receives one fully completed original copy of this document, including the schedule of deviations (if any). Unless the tenderer (now contractor) within five (5) working days of the date of such receipt notifies the employer in writing of any reason why he/she cannot accept the contents of this agreement, this agreement shall constitute a binding contract between the parties.

For the Employer:

*Any reference to words "Bid" or "Bidder" herein and/or in any other documentation shall be construed to have the same meaning as the words "Tender" or "Tenderer".

**Any reference to the words "payment reduction" herein shall be construed to have the same meaning as the word "retention"

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| | | |
|-------------------|-----------|------|
| | | |
| Name of signatory | Signature | Date |

Tender / Quotation no: CPT1005/22

| | |
|---------------------------------|--|
| Name of Organisation: | Department of Public Works and Infrastructure |
| Address of Organisation: | <i>Custom House Lower Heerengracht, Cape Town 8001</i> |

WITNESSED BY:

| | | |
|-----------------|-----------|------|
| | | |
| Name of witness | Signature | Date |

Schedule of Deviations

| |
|------------------------|
| 1.1.1. Subject: |
| Detail: |
| 1.1.2. Subject: |
| Detail: |
| 1.1.3. Subject: |
| Detail: |
| 1.1.4. Subject: |
| Detail: |
| 1.1.5. Subject: |
| Detail: |
| 1.1.6. Subject: |
| Detail: |

By the duly authorised representatives signing this agreement, the Employer and the Tenderer agree to and accept the foregoing schedule of deviations as the only deviations from and amendments to the documents listed in the tender data and addenda thereto as listed in the tender schedules, as well as any confirmation, clarification or changes to the terms of the offer agreed by the Tenderer and the Employer during this process of offer and acceptance.

*Any reference to words "Bid" or "Bidder" herein and/or in any other documentation shall be construed to have the same meaning as the words "Tender" or "Tenderer".

**Any reference to the words "payment reduction" herein shall be construed to have the same meaning as the word "retention"

For Internal & External Use

Effective date 5 July 2022

It is expressly agreed that no other matter whether in writing, oral communication or implied during the period between the issue of the tender documents and the receipt by the Tenderer of a completed signed copy of this Agreement shall have any meaning or effect in the contract between the parties arising from this agreement.

*Any reference to words "Bid" or "Bidder" herein and/or in any other documentation shall be construed to have the same meaning as the words "Tender" or "Tenderer".

**Any reference to the words "payment reduction" herein shall be construed to have the same meaning as the word "retention"

For Internal & External Use

Effective date 5 July 2022

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Version 2022/04

T2.2 Returnable Documents
required for tender evaluation
purposes

PA-11: BIDDER'S DISCLOSURE

1. PURPOSE OF THE FORM

Any person (natural or juristic) may make an offer or offers in terms of this invitation to bid. In line with the principles of transparency, accountability, impartiality, and ethics as enshrined in the Constitution of the Republic of South Africa and further expressed in various pieces of legislation, it is required for the bidder to make this declaration in respect of the details required hereunder.

Where a person/s are listed in the Register for Tender Defaulters and / or the List of Restricted Suppliers, that person will automatically be disqualified from the bid process.

2. Bidder's declaration

- 2.1 Is the bidder, or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest (1) in the enterprise, employed by the state?

YES / NO

- 2.1.1 If so, furnish particulars of the names, individual identity numbers, and, if applicable, state employee numbers of sole proprietor/ directors / trustees / shareholders / members/ partners or any person having a controlling interest in the enterprise, in table below.

| Full Name | Identity Number | Name of State institution |
|-----------|-----------------|---------------------------|
| | | |
| | | |
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| | | |
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| | | |
| | | |

(1) the power, by one person or a group of persons holding the majority of the equity of an enterprise, alternatively, the person/s having the deciding vote or power to influence or to direct the course and decisions of the enterprise.

- 2.2 Do you, or any person connected with the bidder, have a relationship with any person who is employed by the procuring institution?

YES / NO

- 2.2.1 If so, furnish particulars:

.....
.....

- 2.3 Does the bidder or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest in the enterprise have any interest in any other related enterprise whether or not they are bidding for this contract?

YES / NO

- 2.3.1 If so, furnish particulars:

.....
.....

3 DECLARATION

I, the undersigned, (name).....
in submitting the accompanying bid, do hereby make the following statements that I certify to be true and complete in every respect:

- 3.1 I have read and I understand the contents of this disclosure;
- 3.2 I understand that the accompanying bid will be disqualified if this disclosure is found not to be true and complete in every respect;
- 3.3 The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium² will not be construed as collusive bidding.
- 3.4 In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications, prices, including methods, factors or formulas used to calculate prices, market allocation, the intention or decision to submit or not to submit the bid, bidding with the intention not to win the bid and conditions or delivery particulars of the products or services to which this bid invitation relates.
- 3.5 The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.
- 3.6 There have been no consultations, communications, agreements or arrangements made by the bidder with any official of the procuring institution in relation to this procurement process prior to and during the bidding process except to provide clarification on the bid submitted where so required by the institution; and the bidder was not involved in the drafting of the specifications or terms of reference for this bid.

² Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.

- 3.7 I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

I CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 1, 2 and 3 ABOVE IS CORRECT.

I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME IN TERMS OF PARAGRAPH 6 OF PFMA SCM INSTRUCTION 03 OF 2021/22 ON PREVENTING AND COMBATING ABUSE IN THE SUPPLY CHAIN MANAGEMENT SYSTEM SHOULD THIS DECLARATION PROVE TO BE FALSE.

.....
Signature

.....
Date

.....
Position

.....
Name of bidder

This form has been aligned with SBD4

PA- 29: CERTIFICATION OF INDEPENDENT BID DETERMINATION

| | | | |
|-----------------------|--|----------------------|------------|
| Project title: | CAPE TOWN: PARLIAMENTARY PRECINCT: UPGRADING AND RECONFIGURATION OF VARIOUS KITCHENS INCLUDING REPLACEMENT OF EQUIPMENT AND ASSOCIATED WORKS | | |
| Bid no: | CPT1005/22 | Reference no: | WCS 054967 |

INTRODUCTION

1. This PA-29 [Certificate of Independent Bid Determination] must form part of all bids¹ invited.
2. Section 4 (1) (b) (iii) of the Competition Act No. 89 of 1998, as amended, prohibits an agreement between, or concerted practice by, firms, or a decision by an association of firms, if it is between parties in a horizontal relationship and if it involves collusive bidding (or bid rigging).² Collusive bidding is a *per se* prohibition meaning that it cannot be justified under any grounds.
3. Treasury Regulation 16A9 prescribes that accounting officers and accounting authorities must take all reasonable steps to prevent abuse of the supply chain management system and authorizes accounting officers and accounting authorities to:
 - a. disregard the bid of any bidder if that bidder, or any of its directors have abused the institution's supply chain management system and or committed fraud or any other improper conduct in relation to such system.
 - b. cancel a contract awarded to a supplier of goods and services if the supplier committed any corrupt or fraudulent act during the bidding process or the execution of that contract.
4. This form (PA-29) serves as a certificate of declaration that would be used by institutions to ensure that, when bids are considered, reasonable steps are taken to prevent any form of bid-rigging.
5. In order to give effect to the above, the attached Certificate of Bid Determination (PA-29) must be completed and submitted with the bid:

¹ Includes price quotations, advertised competitive bids, limited bids and proposals.

² Bid rigging (or collusive bidding) occurs when businesses, that would otherwise be expected to compete, secretly conspire to raise prices or lower the quality of goods and / or services for purchasers who wish to acquire goods and / or services through a bidding process. Bid rigging is, therefore, an agreement between competitors not to compete.

CERTIFICATE OF INDEPENDENT BID DETERMINATION

I, the undersigned, in submitting the accompanying bid:

(Bid Number and Description)

in response to the invitation for the bid made by:

(Name of Institution)

do hereby make the following statements that I certify to be true and complete in every respect:

I certify, on behalf of: _____ that:

(Name of Bidder)

1. I have read and I understand the contents of this Certificate.
2. I understand that the accompanying bid will be disqualified if this Certificate is found not to be true and complete in every respect.
3. I am authorized by the bidder to sign this Certificate, and to submit the accompanying bid, on behalf of the bidder.
4. Each person whose signature appears on the accompanying bid has been authorized by the bidder to determine the terms of, and to sign the bid, on behalf of the bidder.
5. For the purposes of this Certificate and the accompanying bid, I understand that the word "competitor" shall include any individual or organization, other than the bidder, whether or not affiliated with the bidder, who:
 - (a) has been requested to submit a bid in response to this bid invitation;
 - (b) could potentially submit a bid in response to this bid invitation, based on their qualifications, abilities or experience; and
 - (c) provides the same goods and services as the bidder and/or is in the same line of business as the bidder.

6. The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However communication between partners in a joint venture or consortium³ will not be construed as collusive bidding.
7. In particular, without limiting the generality of paragraphs 6 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
 - (a) prices;
 - (b) geographical area where product or service will be rendered (market allocation)
 - (c) methods, factors or formulas used to calculate prices;
 - (d) the intention or decision to submit or not to submit, a bid;
 - (e) the submission of a bid which does not meet the specifications and conditions of the bid; or
 - (f) bidding with the intention not to win the bid.
8. In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the products or services to which this bid invitation relates.
9. The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.

I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

| | | | |
|----------------|-----------|------|----------|
| | | | |
| Name of Bidder | Signature | Date | Position |

³ Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.

PA-15.1: RESOLUTION OF BOARD OF DIRECTORS

RESOLUTION of a meeting of the Board of *Directors / Members / Partners of:

(Legally correct full name and registration number, if applicable, of the Enterprise)

Held at _____ (place)

on _____ (date)

RESOLVED that:

- The Enterprise submits a Bid / Tender to the Department of Public Works in respect of the following project:

(Project description as per Bid / Tender Document)

Bid / Tender Number: _____ (Bid / Tender Number as per Bid / Tender Document)

- *Mr/Mrs/Ms: _____

in *his/her Capacity as: _____ (Position in the Enterprise)

and who will sign as follows: _____

be, and is hereby, authorised to sign the Bid / Tender, and any and all other documents and/or correspondence in connection with and relating to the Bid / Tender, as well as to sign any Contract, and any and all documentation, resulting from the award of the Bid / Tender to the Enterprise mentioned above.

| | Name | Capacity | Signature |
|----|------|----------|-----------|
| 1 | | | |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |
| 12 | | | |
| 13 | | | |
| 14 | | | |
| 15 | | | |
| 16 | | | |

| | | | |
|----|--|--|--|
| 17 | | | |
| 18 | | | |
| 19 | | | |
| 20 | | | |

The bidding enterprise hereby absolves the Department of Public Works from any liability whatsoever that may arise as a result of this document being signed.

Note:

1. * Delete which is not applicable.
2. **NB:** This resolution must, where possible, be signed by all the Directors / Members / Partners of the Bidding Enterprise.
3. In the event that paragraph 2 cannot be complied with, the resolution must be signed by Directors / Members / Partners holding a majority of the shares / ownership of the Bidding Enterprise (attach proof of shareholding / ownership hereto).
4. Directors / Members / Partners of the Bidding Enterprise may alternatively appoint a person to sign this document on behalf of the Bidding Enterprise, which person must be so authorized by way of a duly completed power of attorney, signed by the Directors / Members / Partners holding a majority of the shares / ownership of the Bidding Enterprise (proof of shareholding / ownership and power of attorney are to be attached hereto).
5. Should the number of Directors / Members / Partners exceed the space available above, additional names and signatures must be supplied on a separate page.

ENTERPRISE STAMP

PA-15.2: RESOLUTION OF BOARD OF DIRECTORS TO ENTER INTO CONSORTIA OR JOINT VENTURES

RESOLUTION of a meeting of the Board of *Directors / Members / Partners of:

(Legally correct full name and registration number, if applicable, of the Enterprise)

Held at _____ *(place)*

on _____ *(date)*

RESOLVED that:

1. The Enterprise submits a Bid /Tender, in consortium/Joint Venture with the following Enterprises:

(List all the legally correct full names and registration numbers, if applicable, of the Enterprises forming the Consortium/Joint Venture)

to the Department of Public Works in respect of the following project:

(Project description as per Bid /Tender Document)

Bid / Tender Number: _____ *(Bid / Tender Number as per Bid / Tender Document)*

2. *Mr/Mrs/Ms: _____

in *his/her Capacity as: _____ *(Position in the Enterprise)*

and who will sign as follows: _____

be, and is hereby, authorised to sign a consortium/joint venture agreement with the parties listed under item 1 above, and any and all other documents and/or correspondence in connection with and relating to the consortium/joint venture, in respect of the project described under item 1 above.

3. The Enterprise accepts joint and several liability with the parties listed under item 1 above for the due fulfilment of the obligations of the joint venture deriving from, and in any way connected with, the Contract to be entered into with the Department in respect of the project described under item 1 above.
4. The Enterprise chooses as its *domicilium citandi et executandi* for all purposes arising from this joint venture agreement and the Contract with the Department in respect of the project under item 1 above:

Physical address: _____

_____ *(code)*

Postal Address: _____

 _____ (code)

Telephone number: _____

Fax number: _____

| | Name | Capacity | Signature |
|----|------|----------|-----------|
| 1 | | | |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |
| 12 | | | |
| 13 | | | |
| 14 | | | |
| 15 | | | |

The bidding enterprise hereby absolves the Department of Public Works from any liability whatsoever that may arise as a result of this document being signed

Note:

- * Delete which is not applicable.
- NB:** This resolution must, where possible, be signed by all the Directors / Members / Partners of the Bidding Enterprise.
- In the event that paragraph 2 cannot be complied with, the resolution must be signed by Directors / Members / Partners holding a majority of the shares / ownership of the Bidding Enterprise (attach proof of shareholding / ownership hereto).
- Directors / Members / Partners of the Bidding Enterprise may alternatively appoint a person to sign this document on behalf of the Bidding Enterprise, which person must be so authorized by way of a duly completed power of attorney, signed by the Directors / Members / Partners holding a majority of the shares / ownership of the Bidding Enterprise (proof of shareholding / ownership and power of attorney are to be attached hereto).
- Should the number of Directors / Members / Partners exceed the space available above, additional names and signatures must be supplied on a separate page.

ENTERPRISE STAMP

PA-15.3: SPECIAL RESOLUTION OF CONSORTIA OR JOINT VENTURES

RESOLUTION of a meeting of the duly authorised representatives of the following legal entities who have entered into a consortium/joint venture to jointly bid for the project mentioned below: *(legally correct full names and registration numbers, if applicable, of the Enterprises forming a Consortium/Joint Venture)*

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

Held at _____ (place)

on _____ (date)

RESOLVED that:

RESOLVED that:

- A. The above-mentioned Enterprises submit a Bid in Consortium/Joint Venture to the Department of Public Works in respect of the following project:

(Project description as per Bid /Tender Document)

Bid / Tender Number: _____ *(Bid / Tender Number as per Bid /Tender Document)*

PA-15.3: Special Resolution of Consortia or Joint Ventures

B. *Mr/Mrs/Ms: _____

in *his/her Capacity as: _____ (Position in the Enterprise)

and who will sign as follows: _____

be, and is hereby, authorised to sign the Bid, and any and all other documents and/or correspondence in connection with and relating to the Bid, as well as to sign any Contract, and any and all documentation, resulting from the award of the Bid to the Enterprises in Consortium/Joint Venture mentioned above.

C. The Enterprises constituting the Consortium/Joint Venture, notwithstanding its composition, shall conduct all business under the name and style of:

D. The Enterprises to the Consortium/Joint Venture accept joint and several liability for the due fulfilment of the obligations of the Consortium/Joint Venture deriving from, and in any way connected with, the Contract entered into with the Department in respect of the project described under item A above.

E. Any of the Enterprises to the Consortium/Joint Venture intending to terminate the consortium/joint venture agreement, for whatever reason, shall give the Department 30 days written notice of such intention. Notwithstanding such decision to terminate, the Enterprises shall remain jointly and severally liable to the Department for the due fulfilment of the obligations of the Consortium/Joint Venture as mentioned under item D above.

F. No Enterprise to the Consortium/Joint Venture shall, without the prior written consent of the other Enterprises to the Consortium/Joint Venture and of the Department, cede any of its rights or assign any of its obligations under the consortium/joint venture agreement in relation to the Contract with the Department referred to herein.

G. The Enterprises choose as the *domicilium citandi et executandi* of the Consortium/Joint Venture for all purposes arising from the consortium/joint venture agreement and the Contract with the Department in respect of the project under item A above:

Physical address: _____

_____ (Postal code) _____

Postal Address: _____

_____ (Postal code) _____

Telephone number: _____

Fax number: _____

PA-15.3: Special Resolution of Consortia or Joint Ventures

| | Name | Capacity | Signature |
|----|------|----------|-----------|
| 1 | | | |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |
| 12 | | | |
| 13 | | | |
| 14 | | | |
| 15 | | | |

The bidding enterprise hereby absolves the Department of Public Works & Infrastructure from any liability whatsoever that may arise as a result of this document being signed.

Note:

1. * Delete which is not applicable.
2. **NB:** This resolution must be signed by all the Duly Authorised Representatives of the Legal Entities to the consortium/joint venture submitting this tender, as named in item 2 of Resolution PA-15.2.
3. Should the number of the Duly Authorised Representatives of the Legal Entities joining forces in this tender exceed the space available above, additional names, capacity and signatures must be supplied on a separate page.
4. Resolution PA-15.2, duly completed and signed, from the separate Enterprises who participate in this consortium/joint venture, must be attached to this Special Resolution (PA-15.3).

DPW-16 (EC): SITE INSPECTION MEETING CERTIFICATE

| | | | |
|-------------------------------|---|----------------------|-----------------------|
| Project title: | CAPE TOWN: PARLIAMENTARY PRECINCT: UPGRADING AND RECONFIGURATION OF VARIOUS KITCHENS INCLUDING REPLACEMENT OF EQUIPMENT AND ASSOCIATED WORKS | | |
| Tender / Quotation no: | <i>CPT1005/22</i> | Reference no: | <i>WCS NO: 054967</i> |
| Closing date: | <i>28/10/2022</i> | | |

This is to certify that I, _____ representing

_____ in the capacity of

_____ visited the site on: **17 October**

2022

I have made myself familiar with all local conditions likely to influence the work and the cost thereof. I further certify that I am satisfied with the description of the work and explanations given at the site inspection meeting and that I understand perfectly the work to be done, as specified and implied, in the execution of this contract.

| | | |
|------------------|-----------|------|
| | | |
| Name of Tenderer | Signature | Date |

| | | |
|----------------------------|-----------|------|
| | | |
| Name of DPW Representative | Signature | Date |

PA16: PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2017

This preference form must form part of all bids invited. It contains general information and serves as a claim form for preference points for Broad-Based Black Economic Empowerment (B-BBEE) Status Level of Contribution

NB: BEFORE COMPLETING THIS FORM, BIDDERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF B-BBEE, AS PRESCRIBED IN THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017 AND THE AMENDED B-BBEE CODES.

1. GENERAL CONDITIONS

1.1. The following preference point systems are applicable to all bids:

- the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and
- the 90/10 system for requirements with a Rand value above R50 000 000 (all applicable taxes included).

1.2. The value of this bid is estimated to **Not Exceed** R50 000 000 (all applicable taxes included) and therefore the... **80/20**.....system shall be applicable.

1.3. Preference points for this bid shall be awarded for:

- (a) Price; and
- (b) B-BBEE Status Level of Contribution.

1.3.1 The maximum points for this bid are allocated as follows:

| | POINTS |
|--|------------|
| 1.3.1.1 PRICE | 80 |
| 1.3.1.2 B-BBEE STATUS LEVEL OF CONTRIBUTION | 20 |
| Total points for Price and B-BBEE must not exceed | 100 |

1.4. Failure on the part of a bidder to fill in and/or to sign this form and submit a B-BBEE Verification Certificate from a Verification Agency accredited by the South African Accreditation System (SANAS) or an Accounting Officer as contemplated in the Close Corporation Act (CCA) together with the bid, will be interpreted to mean that preference points for B-BBEE status level of contribution are not claimed.

1.5. An Exempted Micro Enterprise (EME) is only required to obtain a sworn affidavit or a certificate issued by Companies and intellectual property Commission (CIPC) confirming their annual turnover of R10 Million or less and level of black ownership to claim points.

1.6. Qualifying Small Enterprise (QSE) is only required to obtain a sworn affidavit or a certificate issued by Companies and intellectual property Commission (CIPC) confirming their annual turnover of R10 Million or less and level of black ownership to claim points.

- 1.7 The purchaser reserves the right to require of a bidder, either before a bid is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the purchaser.
- 1.8 CERTIFICATES ISSUED BY IRBA AND ACCOUNTING OFFICER HAVE BEEN DISCONTINUED; HOWEVER VALID CERTIFICATES ALREADY ISSUED BEFORE 01 JANUARY 2017 MAY BE USED UNTIL THEY PHASE OUT COMPLETELY BY DECEMBER 2017

2. DEFINITIONS

- (a) **“all applicable taxes”** includes value-added tax, pay as you earn, income tax, unemployment insurance fund contributions and skills development levies;
- (b) **“B-BBEE”** means broad-based black economic empowerment as defined in section 1 of the Broad-Based Black Economic Empowerment Act;
- (c) **“B-BBEE status level of contributor”** means the B-BBEE status received by a measured entity based on its overall performance using the relevant scorecard contained in the Codes of Good Practice on Black Economic Empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act;
- (d) **“bid”** means a written offer in a prescribed or stipulated form in response to an invitation by an organ of state for the provision of services, works or goods, through price quotations, advertised competitive bidding processes or proposals;
- (e) **“Broad-Based Black Economic Empowerment Act”** means the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);
- (f) **“comparative price”** means the price after the factors of a non-firm price and all unconditional discounts that can be utilized have been taken into consideration;
- (g) **“consortium or joint venture”** means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract;
- (h) **“contract”** means the agreement that results from the acceptance of a bid by an organ of state;
- (i) **“EME”** means an Exempted Micro Enterprise as defines by Codes of Good Practice under section 9 (1) of the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);
- (j) **“Firm price”** means the price that is only subject to adjustments in accordance with the actual increase or decrease resulting from the change, imposition, or abolition of customs or excise duty and any other duty, levy, or tax, which, in terms of the law or regulation, is binding on the contractor and demonstrably has an influence on the price of any supplies, or the rendering costs of any service, for the execution of the contract;
- (k) **“functionality”** means the measurement according to predetermined norms, as set out in the bid documents, of a service or commodity that is designed to be practical and useful, working or operating, taking into account, among other factors, the quality, reliability, viability and durability of a service and the technical capacity and ability of a bidder;
- (l) **“non-firm prices”** means all prices other than “firm” prices;
- (m) **“person”** includes a juristic person;
- (n) **“QSE”** means a Qualifying Small Enterprise as defines by Codes of Good Practice under

section 9 (1) of the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);

- (o) **“rand value”** means the total estimated value of a contract in South African currency, calculated at the time of bid invitations, and includes all applicable taxes and excise duties;
- (p) **“sub-contract”** means the primary contractor’s assigning, leasing, making out work to, or employing, another person to support such primary contractor in the execution of part of a project in terms of the contract;
- (q) **“total revenue”** bears the same meaning assigned to this expression in the Codes of Good Practice on Black Economic Empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act and promulgated in the *Government Gazette* on 9 February 2007;
- (r) **“trust”** means the arrangement through which the property of one person is made over or bequeathed to a trustee to administer such property for the benefit of another person; and
- (s) **“trustee”** means any person, including the founder of a trust, to whom property is bequeathed in order for such property to be administered for the benefit of another person.

3. ADJUDICATION USING A POINT SYSTEM

- 3.1 The bidder obtaining the highest number of total points will be awarded the contract.
- 3.2 Preference points shall be calculated after prices have been brought to a comparative basis taking into account all factors of non-firm prices and all unconditional discounts;.
- 3.3 Points scored must be rounded off to the nearest 2 decimal places.
- 3.4 In the event that two or more bids have scored equal total points, the successful bid must be the one scoring the highest number of preference points for B-BBEE.
- 3.5 However, when functionality is part of the evaluation process and two or more bids have scored equal points including equal preference points for B-BBEE, the successful bid must be the one scoring the highest score for functionality.
- 3.6 Should two or more bids be equal in all respects, the award shall be decided by the drawing of lots.

4. POINTS AWARDED FOR PRICE

4.1 THE 80/20 OR 90/10 PREFERENCE POINT SYSTEMS

A maximum of 80 or 90 points is allocated for price on the following basis:

80/20 or 90/10

$$P_s = 80 \left(1 - \frac{P_t - P_{\min}}{P_{\min}} \right) \quad \text{or} \quad P_s = 90 \left(1 - \frac{P_t - P_{\min}}{P_{\min}} \right)$$

Where

P_s = Points scored for comparative price of bid under consideration

P_t = Comparative price of bid under consideration

Pmin = Comparative price of lowest acceptable bid

5. Points awarded for B-BBEE Status Level of Contribution

- 5.1 In terms of Regulation 6(2) and /or 7(2), of the Preferential Procurement Regulations, preference points must be awarded to a bidder for attaining the B-BBEE status level of contribution in accordance with the table below:

| B-BBEE Status Level of Contributor | Number of points (90/10 system) | Number of points (80/20 system) |
|------------------------------------|---------------------------------|---------------------------------|
| 1 | 10 | 20 |
| 2 | 9 | 18 |
| 3 | 6 | 14 |
| 4 | 5 | 12 |
| 5 | 4 | 8 |
| 6 | 3 | 6 |
| 7 | 2 | 4 |
| 8 | 1 | 2 |
| Non-compliant contributor | 0 | 0 |

- 5.2 A trust, consortium or joint venture, will qualify for points for their B-BBEE status level as a legal entity, provided that the entity submits their B-BBEE status level certificate.
- 5.3 A trust, consortium or joint venture will qualify for points for their B-BBEE status level as an unincorporated entity, provided that the entity submits their consolidated B-BBEE scorecard as if they were a group structure and that such a consolidated B-BBEE scorecard is prepared for every separate bid.
- 5.4 Tertiary institutions and public entities will be required to submit their B-BBEE status level certificates in terms of the specialized scorecard contained in the B-BBEE Codes of Good Practice.
- 5.5 A person awarded a contract may not sub-contract more than 25% of the value of the contract to any other enterprise that does not have an equal or higher B-BBEE status level than the person concerned, unless the contract is sub-contracted to an EME that has the capability and ability to execute the sub-contract.

6. BID DECLARATION

- 6.1 Bidders who claim points in respect of B-BBEE Status Level of Contribution must complete the following:

7. B-BBEE STATUS LEVEL OF CONTRIBUTION CLAIMED IN TERMS OF PARAGRAPHS 1.3.1.2 AND 5.1

7.1 B-BBEE Status Level of Contribution: =(maximum of 10 or 20 points)

(Points claimed in respect of paragraph 7.1 must be in accordance with the table reflected in paragraph 5.1 and must be substantiated by means of a B-BBEE certificate issued by a Verification Agency accredited by SANAS or Sworn Affidavit for EME's and QSE's.

8 SUB-CONTRACTING (relates to 5.5)

8.1 Will any portion of the contract be sub-contracted? YES / NO (delete which is not applicable)

8.1.1 If yes, indicate:

(i) what percentage of the contract will be subcontracted?%

(ii) the name of the sub-contractor?

(iii) the B-BBEE status level of the sub-contractor?

(iv) whether the sub-contractor is an EME/ a QSE YES / NO (delete which is not applicable)

| Designated Group: An EME or QSE which is at least 51% owned by: | EME √ | QSE √ |
|---|----------|----------|
| Black people | | |
| Black people who are youth | | |
| Black people who are women | | |
| Black people with disabilities | | |
| Black people living in rural or underdeveloped areas or townships | | |
| Cooperative owned by black people | | |
| Black people who are military veterans | | |
| OR | | |
| Any EME | | |
| Any QSE | | |

9 DECLARATION WITH REGARD TO COMPANY/FIRM

9.1 Name of company/firm

9.2 VAT registration number

9.3 Company registration number

:

9.4 TYPE OF COMPANY/ FIRM

- ☐ Partnership/Joint Venture / Consortium
- ☐ One person business/sole propriety
- ☐ Close corporation
- ☐ Company
- ☐ (Pty) Limited

Any reference to words "Bid" or Bidder" herein and/or in any other documentation shall be construed to have the same meaning as the words "Tender" or "Tenderer".

[TICK APPLICABLE BOX]

9.5 DESCRIBE PRINCIPAL BUSINESS ACTIVITIES

.....
.....
.....

9.6 COMPANY CLASSIFICATION

- ☐ Manufacturer
☐ Supplier
☐ Professional service provider
☐ Other service providers, e.g. transporter, etc.

[TICK APPLICABLE BOX]

9.7 Total number of years the company/firm has been in business?

9.8 I/we, the undersigned, who is / are duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the B-BBE status level of contribution indicated in paragraph 7 of the foregoing certificate/ Sworn Affidavit, qualifies the company/ firm for the preference(s) shown and I / we acknowledge that:

- (i) The information furnished is true and correct;
- (ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form.
- (iii) In the event of a contract being awarded as a result of points claimed as shown in paragraph 7, the contractor may be required to furnish documentary proof to the satisfaction of the purchaser that the claims are correct;
- (iv) If the B-BBEE status level of contribution has been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the purchaser may, in addition to any other remedy it may have –
 - (a) Disqualify the person from the bidding process;
 - (b) Recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
 - (c) Cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
 - (d) restrict the bidder or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, from obtaining business from any organ of state for a period not exceeding 10 years, after the audi alteram partem (hear the other side) rule has been applied; and
 - (e) forward the matter for criminal prosecution

WITNESSES:

1.

2.

.....
SIGNATURE(S) OF BIDDER(S)

DATE:..... **ADDRESS:**.....

.....

DPW-09 (EC): PARTICULARS OF TENDERER'S PROJECTS

| | | | |
|-------------------------------|---|-------------------------|------------------|
| Project title: | CAPE TOWN: PARLIAMENTARY PRECINCT UPGRADING AND RECONFIGUARAION OF VAIROUS KITCHENS INLCUINDG REPLACEMENT OF EQUIPMENT AND ASSOiated WORKS | | |
| Tender / quotation no: | CPT1005/22 | Closing date: | 26/10/2022 |
| Advertising date: | 07/10/2022 | Validity period: | 84 Calendar Days |

1. PARTICULARS OF THE TENDERER'S CURRENT AND PREVIOUS COMMITMENTS

1.1. Current projects

| Projects currently engaged in | Name of Employer or Representative of Employer | Contact tel. no. | Contract sum | Contractual commencement date | Contractual completion date | Current percentage progress |
|-------------------------------|--|------------------|--------------|-------------------------------------|-----------------------------------|-----------------------------------|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |

| | | | | | | | |
|---|--|--|--|--|--|--|--|
| 8 | | | | | | | |
|---|--|--|--|--|--|--|--|

Any reference to words "Bid" or Bidder" herein and/or in any other documentation shall be construed to have the same meaning as the words "Tender" or "Tenderer".

For Internal & External Use

Effective date 21 September 2021

Page 1 of 2

Version: 2021/01



public works
& infrastructure
Department:
Public Works and Infrastructure
REPUBLIC OF SOUTH AFRICA

Tender / Quotation No.:

DPW-09 (EC): Particulars of tenderer's projects

1.2. Completed projects

| Projects completed in the previous 5 (five) years | Name of Employer or Representative of Employer | Contact tel. no. | Contract sum | Contractual commencement date | Contractual completion date | Date of Certificate of Practical Completion |
|---|--|------------------|--------------|-------------------------------|-----------------------------|---|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |

| | | |
|------------------|-----------|------|
| | | |
| Name of Tenderer | Signature | Date |

Any reference to words “Bid” or Bidder” herein and/or in any other documentation shall be construed to have the same meaning as the words “Tender” or “Tenderer”.
For Internal & External Use

Effective date 21 September 21 September 2021

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Version: 2021/01

PA-36: DECLARATION CERTIFICATE FOR LOCAL PRODUCTION AND CONTENT FOR DESIGNATED SECTORS

This Standard Bidding Document (SBD) must form part of all bids invited. It contains general information and serves as a declaration form for local content (local production and local content are used interchangeably).

Before completing this declaration, bidders must study the General Conditions, Definitions, Directives applicable in respect of Local Content as prescribed in the Preferential Procurement Regulations, 2017, the South African Bureau of Standards (SABS) approved technical specification number SATS 1286:2011 (Edition 1) and the Guidance on the Calculation of Local Content together with the Local Content Declaration Templates [Annex C (Local Content Declaration: Summary Schedule), D (Imported Content Declaration: Supporting Schedule to Annex C) and E (Local Content Declaration: Supporting Schedule to Annex C)].

1. General Conditions

- 1.1. Preferential Procurement Regulations, 2017 (Regulation 8) make provision for the promotion of local production and content.
- 1.2. Regulation 8.(2) prescribes that in the case of designated sectors, organs of state must advertise such tenders with the specific bidding condition that only locally produced or manufactured goods, with a stipulated minimum threshold for local production and content will be considered.
- 1.3. Where necessary, for tenders referred to in paragraph 1.2 above, a two stage bidding process may be followed, where the first stage involves a minimum threshold for local production and content and the second stage price and B-BBEE.
- 1.4. A person awarded a contract in relation to a designated sector, may not sub-contract in such a manner that the local production and content of the overall value of the contract is reduced to below the stipulated minimum threshold.
- 1.5. The local content (LC) expressed as a percentage of the bid price must be calculated in accordance with the SABS approved technical specification number SATS 1286: 2011 as follows:

$$LC = [1 - x / y] * 100$$

Where

x is the imported content in Rand

y is the bid price in Rand excluding value added tax (VAT)

Prices referred to in the determination of x must be converted to Rand (ZAR) by using the exchange rate published by South African Reserve Bank (SARB) on the date of advertisement of the bid as indicated in paragraph 3.1 below.

The SABS approved technical specification number SATS 1286:2011 is accessible on [http://www.thedti.gov.za/industrial development/ip.jsp](http://www.thedti.gov.za/industrial%20development/ip.jsp) at no cost.



PA36: Declaration Certificate for Local Production and Content for Designated Sectors.

(This form has been aligned with NT - SBD 6.2)

1.6. A bid may be disqualified if this Declaration Certificate and the Annex C (Local Content Declaration: Summary Schedule) are not submitted as part of the bid documentation;

2. The stipulated minimum threshold(s) for local production and content (refer to Annex A of SATS 1286:2011) for this bid is/are as follows:

| <u>Description of services, works or goods</u> | <u>Stipulated minimum threshold</u> |
|--|-------------------------------------|
| Electrical Cables | 90% |
| Cement for Installations | 100% |
| Steel Items | 100% |

Other construction materials self designated through regulation 8.4

3. Does any portion of the goods or services offered have any imported content?

(Tick applicable box)

| | | | |
|-----|--|----|--|
| YES | | NO | |
|-----|--|----|--|

3.1 If yes, the rate(s) of exchange to be used in this bid to calculate the local content as prescribed in paragraph 1.5 of the general conditions must be the rate(s) published by SARB for the specific currency on the date of advertisement of the bid.

The relevant rates of exchange information is accessible on www.resbank.co.za

Indicate the rate(s) of exchange against the appropriate currency in the table below (refer to Annex A of SATS 1286:2011):

| Currency | Rates of exchange |
|----------------|-------------------|
| US Dollar | |
| Pound Sterling | |
| Euro | |
| Yen | |
| Other | |

NB: Bidders must submit proof of the SARB rate (s) of exchange used.

4. Where, after the award of a bid, challenges are experienced in meeting the stipulated minimum threshold for local content the dti must be informed accordingly in order for the dti to verify and in consultation with the AO/AA provide directives in this regard.



PA36: Declaration Certificate for Local Production and Content for Designated Sectors.

(This form has been aligned with NT - SBD 6.2)

LOCAL CONTENT DECLARATION
(REFER TO ANNEX B OF SATS 1286:2011)

LOCAL CONTENT DECLARATION BY CHIEF FINANCIAL OFFICER OR OTHER LEGALLY RESPONSIBLE PERSON NOMINATED IN WRITING BY THE CHIEF EXECUTIVE OR SENIOR MEMBER/PERSON WITH MANAGEMENT RESPONSIBILITY (CLOSE CORPORATION, PARTNERSHIP OR INDIVIDUAL)

IN RESPECT OF BID NO. ...CPT1005/22.....

ISSUED BY: Department of Public Works

NB

- 1 The obligation to complete, duly sign and submit this declaration cannot be transferred to an external authorized representative, auditor or any other third party acting on behalf of the bidder.
- 2 Guidance on the Calculation of Local Content together with Local Content Declaration Templates (Annex C, D and E) is accessible on http://www.thedti.gov.za/industrial_development/ip.jsp. Bidders should first complete Declaration D. After completing Declaration D, bidders should complete Declaration E and then consolidate the information on Declaration C. **Declaration C should be submitted with the bid documentation at the closing date and time of the bid in order to substantiate the declaration made in paragraph (c) below.** Declarations D and E should be kept by the bidders for verification purposes for a period of at least 5 years. The successful bidder is required to continuously update Declarations C, D and E with the actual values for the duration of the contract.

I, the undersigned, (full names),
do hereby declare, in my capacity as
of(name of bidder
entity), the following:

- (a) The facts contained herein are within my own personal knowledge.
- (b) I have satisfied myself that:
 - (i) the goods/services/works to be delivered in terms of the above-specified bid comply with the minimum local content requirements as specified in the bid, and as measured in terms of SATS 1286:2011; and
- (c) The local content percentage (%) indicated below has been calculated using the formula given in clause 3 of SATS 1286:2011, the rates of exchange indicated in paragraph 3.1 above and the information contained in Declaration D and E which has been consolidated in Declaration C:

| | |
|--|---|
| Bid price, excluding VAT (y) | R |
| Imported content (x), as calculated in terms of SATS 1286:2011 | R |
| Stipulated minimum threshold for local content (paragraph 3 above) | |

Any reference to words "Bid" or Bidder" herein and/or in any other documentation shall be construed to have the same meaning as the words "Tender" or "Tenderer".

Page 3 of 4



PA36: Declaration Certificate for Local Production and Content for Designated Sectors.

(This form has been aligned with NT - SBD 6.2)

| | |
|---|--|
| Local content %, as calculated in terms of SATS 1286:2011 | |
|---|--|

If the bid is for more than one product, the local content percentages for each product contained in Declaration C shall be used instead of the table above.

The local content percentages for each product has been calculated using the formula given in clause 3 of SATS 1286:2011, the rates of exchange indicated in paragraph 3.1 above and the information contained in Declaration D and E.

- (d) I accept that the Procurement Authority / Institution has the right to request that the local content be verified in terms of the requirements of SATS 1286:2011.
- (e) I understand that the awarding of the bid is dependent on the accuracy of the information furnished in this application. I also understand that the submission of incorrect data, or data that are not verifiable as described in SATS 1286:2011, may result in the Procurement Authority / Institution imposing any or all of the remedies as provided for in Regulation 14 of the Preferential Procurement Regulations, 2017 promulgated under the Preferential Policy Framework Act (PPPFA), 2000 (Act No. 5 of 2000).

SIGNATURE: _____

WITNESS No. 1 _____

DATE: _____

WITNESS No. 2 _____

DATE: _____

Annex C

Local Content Declaration - Summary Schedule

| | | | | | | | | | |
|---|---|-------------------------|--------------------------|---|-----------------------------------|------------------|-----|--------------------------|------|
| Tender No. | CPT10056/22 | | | | | | | | |
| Tender description: | <table border="1"> <tr> <td>PARLIAMENTARY PRECINCT: UPGRADING AND RECONFIGURATION OF VARIOUS KITCHENS INCLUDING REPLACEMENT OF EQUIPMENT AND</td> <td>(C7) Specified local content %</td> </tr> </table> | | | PARLIAMENTARY PRECINCT: UPGRADING AND RECONFIGURATION OF VARIOUS KITCHENS INCLUDING REPLACEMENT OF EQUIPMENT AND | (C7) Specified local content % | | | | |
| PARLIAMENTARY PRECINCT: UPGRADING AND RECONFIGURATION OF VARIOUS KITCHENS INCLUDING REPLACEMENT OF EQUIPMENT AND | (C7) Specified local content % | | | | | | | | |
| Designated product(s) | <table border="1"> <tr> <td>Steel products and components (Construction)</td> <td>100%</td> </tr> <tr> <td>Electrical Cable</td> <td>90%</td> </tr> <tr> <td>Cement for installations</td> <td>100%</td> </tr> </table> | | | Steel products and components (Construction) | 100% | Electrical Cable | 90% | Cement for installations | 100% |
| Steel products and components (Construction) | 100% | | | | | | | | |
| Electrical Cable | 90% | | | | | | | | |
| Cement for installations | 100% | | | | | | | | |
| Tender Authority: | National Department of Public Works & Infrastructure | | | | | | | | |
| Tendering Entity name: | | | | | | | | | |
| Tender Exchange Rate: | Pula <input type="text"/> | EU <input type="text"/> | GBP <input type="text"/> | | | | | | |

Note: VAT to be excluded from all calculations

| Calculation of local content | | | | | | | | Tender summary | | | |
|--|--|--------------------------------|-------------------------|---|----------------|-------------|----------------------------|----------------|--------------------|---------------------------------|------------------------|
| Tender item no's | List of items | Tender price - each (excl VAT) | Exempted imported value | Tender value net of exempted imported content | Imported value | Local value | Local content % (per item) | Tender Qty | Total tender value | Total exempted imported content | Total Imported content |
| (C8) | (C9) | (C10) | (C11) | (C12) | (C13) | (C14) | (C15) | (C16) | (C17) | (C18) | (C19) |
| Sec 2, Bill 3 Item 1-2 | Brickwork in Class 11 mortar | | | | | | | 127 | | | |
| Section 2, Bill 8, Item 1 | 1.2mm Single rebated frame in 230mm brick wall | | | | | | | 2 | | | |
| Section 2, Bill 9, items 1-2 | Screeds | | | | | | | 792 | | | |
| Section 2, Bill 9, items 3-4 | Cement plaster | | | | | | | 121 | | | |
| 90 Plein Electrical BOQ LV Item 2.1-2.12 | Electrical cables and Terminations | | | | | | | 360 | | | |
| 90 Plein Electrical BOQ LV Items 3.01-3.03 | Cable Ladders and accessories | | | | | | | 180 | | | |
| 90 Plein Electrical BOQ Gnd FI 3.1-3.6 | Wiring and Conductors | | | | | | | 2,040 | | | |
| 90 Plein Electrical BOQ Gnd FI 4.1-4.8 | Cables and Terminations | | | | | | | 660 | | | |

| | | | | | | | | | | | | |
|--|-------------------------------|--|--|--|--|--|--|--|-------|--|--|--|
| 90 Plein Electrical BOQ Gnd FI 8.1- 8.12 | Trunking | | | | | | | | 230 | | | |
| 90 Plein Electrical BOQ 1st FI 3.1-3.6 | Wiring and Conductors | | | | | | | | 1,650 | | | |
| 90 Plein Electrical BOQ 1st FI 4.1-4.6 | Cables and Terminations | | | | | | | | 260 | | | |
| 90 Plein Electrical BOQ 1st FI 7.1- 8.11 | Trunking | | | | | | | | 280 | | | |
| Marks Electrical BOQ LV 2-1 -2.4 | Cables and Terminations | | | | | | | | 300 | | | |
| Marks Electrical BOQ LV 3.1 | Cable Ladders and accessories | | | | | | | | 100 | | | |
| Marks Electrical BOQ Gnd 3.1 - 3.4 | Wiring and Conductors | | | | | | | | 2,850 | | | |
| Marks Electrical BOQ Gnd 4.1 - 4.11 | Cables and Terminations | | | | | | | | 940 | | | |
| Marks Electrical BOQ Gnd 8.1 - 8.11 | Trunking | | | | | | | | 420 | | | |
| Marks Electrical BOQ Basement 3.1 - 3.4 | Wiring and Conductors | | | | | | | | 420 | | | |
| 90 Plein HVAC BOQ 2.1- 2.14 | Ducting & Fittings | | | | | | | | 62 | | | |
| 90 Plein HVAC BOQ 4.1 - 4.11 | Ducting & Fittings | | | | | | | | 12 | | | |
| Marks HVAC BOQ Gnd 2.1 - 2.19 | Ducting & Fittings | | | | | | | | 42 | | | |
| Marks HVAC BOQ Gnd 4.1 - 4.27 | Ducting & Fittings | | | | | | | | 29 | | | |
| (C20) Total tender value | | | | | | | | | R | | | |
| (C21) Total Exempt imported content | | | | | | | | | | | | |
| (C22) Total Tender value net of exempt imported content | | | | | | | | | R | | | |
| (C23) Total Imported content | | | | | | | | | R | | | |
| (C24) Total local content | | | | | | | | | R | | | |
| (C25) Average local content % of tender | | | | | | | | | | | | |

Signature of tenderer from Annex B

Date: _____

| | | | | | | | |
|------|------------------------|--|--|----|--------------------------|-----------------------|---------|
| (D1) | Tender No. | CPT10056/22 | | | Note: VAT to be excluded | | |
| (D2) | Tender description: | PARLIAMENTARY PRECINCT: UPGRADING AND RECONFIGURATION OF VARIOUS KITCHENS INCLUDING REPLACEMENT OF | | | | from all calculations | |
| (D3) | Designated Products: | | | | | | |
| (D4) | Tender Authority: | National Department of Public Works & Infrastructure | | | | | |
| (D5) | Tendering Entity name: | | | | | | |
| (D6) | Tender Exchange Rate: | Pula | | EU | R 9.00 | GBP | R 12.00 |

Calculation of imported content

B. Imported directly by the Tenderer

Calculation of imported content

| | |
|--|---|
| (D32) Total imported value by tenderer | R |
|--|---|

C. Imported by a 3rd party and supplied to the Tenderer

Calculation of imported content

| | |
|---|---|
| (D45) Total imported value by 3rd party | R |
|---|---|

D. Other foreign currency payments

Calculation of foreign currency payments

Summary of payments

Local value of
payments

(D52) Total of foreign currency payments declared by tenderer and/or 3rd party

(D53) Total of imported content & foreign currency payments - (D32), (D45) & (D52) above R

**This total must correspond with
Annex C - C 23**

Date: _____

Annex E

Local Content Declaration - Supporting Schedule to Annex C

| | |
|-----------------------------|---|
| (E1) Tender No. | CPT10056/22 |
| (E2) Tender description: | PARLIAMENTARY PRECINCT: UPGRADING AND RECONFIGURATION OF VARIOUS KITCHENS INCLUDING REPLACEMENT OF EQUIPMENT AND ASSOCIATED WORKS |
| (E3) Designated products: | |
| (E4) Tender Authority: | National Department of Public Works & Infrastructure |
| (E5) Tendering Entity name: | |

Note: VAT to be excluded from all calculations

| Local Products (Goods, Services and Works) | Description of items purchased | Local suppliers | Value |
|---|--------------------------------|-----------------|-------|
| | (E6) | (E7) | (E8) |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| (E9) Total local products (Goods, Services and Works) | | | R |

| | | | |
|---------------------------|---|--|---|
| (E10) | Manpower costs | (Tenderer's manpower cost) | R |
| (E11) | Factory overheads | (Rental, depreciation & amortisation, utility costs, consumables etc.) | R |
| (E12) | Administration overheads and mark-up | (Marketing, insurance, financing, interest etc.) | R |
| (E13) Total local content | | | R |

This total must correspond with Annex C - C24

Signature of tenderer from Annex B

Date: _____

T2.2 Returnable Documents that
will be incorporated into the
contract

PA- 40: DECLARATION OF DESIGNATED GROUPS FOR PREFERENTIAL PROCUREMENT

Tender no: CPT1005/22

Name of Tenderer

☐ EME¹ ☐ QSE² ☐ Non EME/QSE (tick applicable box)

1. LIST ALL PROPRIETORS, MEMBERS OR SHAREHOLDERS BY NAME, IDENTITY NUMBER, CITIZENSHIP AND DESIGNATED GROUPS.

| Name and Surname # | Identity/ Passport number and Citizenship## | Percentage owned | Black | Indicate if youth | Indicate if woman | Indicate if person with disability | Indicate if living in Rural (R) / Under Developed Area (UD) / Township (T) / Urban (U). | Indicate if military veteran |
|-----------------------|---|---------------------|--|--|--|--|--|--|
| 1. | | % | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 2. | | % | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 3. | | % | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 4. | | % | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 5. | | % | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 6. | | % | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 7. | | % | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 8. | | % | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 9. | | % | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 10. | | % | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 11. | | % | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 12. | | % | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U | <input type="checkbox"/> Yes <input type="checkbox"/> No |

Where Owners are themselves a Company, Close Corporation, Partnership etc, identify the ownership of the Holding Company, together with Registration number

State date of South African citizenship obtained (not applicable to persons born in South Africa)

¹ EME: Exempted Micro Enterprise

² QSE: Qualifying Small Business Enterprise

PA- 40: DECLARATION OF DESIGNATED GROUPS FOR PREFERENTIAL PROCUREMENT

Tender no: CPT1005/22

2. DECLARATION:

The undersigned, who warrants that he/she is duly authorized to do so on behalf of the Tenderer, hereby confirms that:

- 1 The information and particulars contained in this Affidavit are true and correct in all respects;
- 2 The Broad-based Black Economic Empowerment Act, 2003 (Act 53 of 2003), Preferential Procurement Policy Framework Act, 2000 (Act 5 of 2000), the Preferential Procurement Regulations, 2017, National Small Business Act 102 of 1996 as amended and all documents pertaining to this Tender were studied and understood and that the above form was completed according to the definitions and information contained in said documents;
- 3 The Tenderer understands that any intentional misrepresentation or fraudulent information provided herein shall disqualify the Tenderer's offer herein, as well as any other tender offer(s) of the Tenderer simultaneously being evaluated, or will entitle the Employer to cancel any Contract resulting from the Tenderer's offer herein;
- 4 The Tenderer accepts that the Employer may exercise any other remedy it may have in law and in the Contract, including a claim for damages for having to accept a less favourable tender as a result of any such disqualification due to misrepresentation or fraudulent information provided herein;
- 5 Any further documentary proof required by the Employer regarding the information provided herein, will be submitted to the Employer within the time period as may be set by the latter;

Signed by the Tenderer

| | | |
|-------------------------------|------------------|-------------|
| | | |
| Name of representative | Signature | Date |

DPW-21 (EC): RECORD OF ADDENDA TO TENDER DOCUMENTS

| | | | |
|-----------------------|--|----------------------|-----------------------|
| Project title: | CAPE TOWN: PARLIAMENTARY PRECINCT UPGRADING AND RECONFIGURATION OF VARIOUS KITCHENS INCLUDING REPLACEMENT OF EQUIPMENT AND ASSOCIATED WORKS | | |
| Tender no: | CPT1005/22 | Reference no: | WCS NO: 054967 |

1. I / We confirm that the following communications received from the Department of Public Works and Infrastructure before the submission of this tender offer, amending the tender documents, have been taken into account in this tender offer: *(Attach additional pages if more space is required)*

| | Date | Title or Details |
|-----|-------------|-------------------------|
| 1. | | |
| 2. | | |
| 3. | | |
| 4. | | |
| 5. | | |
| 6. | | |
| 7. | | |
| 8. | | |
| 9. | | |
| 10. | | |
| 11. | | |
| 12. | | |
| 13. | | |

| | | |
|-------------------------|------------------|-------------|
| | | |
| Name of Tenderer | Signature | Date |

2. I / We confirm that no communications were received from the Department of Public Works and Infrastructure before the submission of this tender offer, amending the tender documents.

| | | |
|-------------------------|------------------|-------------|
| | | |
| Name of Tenderer | Signature | Date |

documents

DPW-21 (EC): Record of addenda to tender

DPW-15 (EC): SCHEDULE OF PROPOSED SUBCONTRACTORS

| | | | |
|-----------------------|---|----------------------|-------------------|
| Project title: | ICAPE TOWN: PARLIAMENTARY PRECINCT UPGRADING AND RECONFIGURATION OF VARIOUS KITCHENS INCLUDING REPLACEMENT OF EQUIPMENT AND ASSOCIATED WORKS | | |
| Tender no: | <i>CPT1005/22</i> | Reference no: | <i>WCS 054967</i> |

We notify you that it is our intention to employ the following Subcontractors for work in this contract.

We confirm that all subcontractors who are contracted to construct a house are registered as home builders with the National Home Builders Registration Council.

| | Name and address of proposed Subcontractor | Nature and extent of work | Previous experience with Subcontractor |
|----------|---|----------------------------------|---|
| 1 | | | |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| 5 | | | |

| | | | |
|-------------------------------|------------------|-----------------|-------------|
| | | | |
| Name of representative | Signature | Capacity | Date |

| | |
|------------------------------|--|
| Name of organisation: | |
|------------------------------|--|

DPW-22 (EC): PARTICULARS OF ELECTRICAL CONTRACTOR

| | | | |
|-----------------------|--|----------------------|-----------------------|
| Project title: | CAPE TOWN: PARLIAMENTARY PRECINCT UPGRADING AND RECONFIGURATION OF VARIOUS KITCHENS INCLUDING REPLACEMENT OF EQUIPMENT AND ASSOCIATED WORKS | | |
| Tender no: | CPT1005/22 | Reference no: | WCS NO: 054967 |

| | |
|--|--|
| Name of Electrical Contractor: | |
| Address: | |
| Electrical Contractor registration number at the Department of Labour | |

| | | |
|------------------|-----------|------|
| | | |
| Name of Tenderer | Signature | Date |

DPW-23 (EC): SCHEDULE FOR IMPORTED MATERIALS AND EQUIPMENT

| | | | |
|-----------------------|---|----------------------|-----------------------|
| Project title: | CAPE TOWN: PARLIAMENTARY PRECINCT: UPGRADING AND RECONFIGURATION OF VARIOUS KITCHENS INCLUDING REPLACEMENT OF EQUIPMENT AND ASSOCIATED WORKS | | |
| Tender no: | <i>CPT1005/22</i> | Reference no: | <i>WCS NO: 054967</i> |

This schedule should be completed by the tenderer. *(Attach additional pages if more space is required)*

| Item | Material / Equipment | Rand (R) (Excluding VAT) |
|------|----------------------|--------------------------|
| 1. | | R |
| 2. | | R |
| 3. | | R |
| 4. | | R |
| 5. | | R |
| 6. | | R |

The Contractor shall list imported items, materials and/or equipment which shall be excluded from the Contract Price Adjustment Provisions (if applicable) and shall be adjusted in terms of currency fluctuations only. Copies of the supplier's quotations for the items, materials or equipment (provided that such costs shall not be higher than the relevant contract rate as listed above) should be lodged with the Principal Agent / Engineer of the Department of Public Works and Infrastructure within 60 (sixty) days from the date of acceptance of the tender. No adjustment of the local VAT amount, nor the contractor's profit, discount, mark-up, handling costs, etc. shall be allowed.

These net amounts will be adjusted as follows:

FORMULA:

The net amount to be added to or deducted from the contract sum:

$$A = V \left(\frac{Z}{Y} - 1 \right)$$

A = the amount (R) of adjustment

V = the net amount (supplier's quotation) (R) of the imported item

Y = exchange rate at the closing date of tender submission

Z = exchange rate on the date of payment.

| | | |
|------------------|-----------|------|
| | | |
| Name of Tenderer | Signature | Date |



CONTRACTOR TO BE EVALUATED:

PROJECT DESCRIPTION

**CAPE TOWN: PARLIAMENTARY PRECINCT: UGRADING AND RECONFIGURATION OF
VARIOUS KITCHENS INCLUDING REPLACEMENT OF EQUIPMENT AND ASSOCIATED
WORKS**

**Evaluation report by the employer/reference based on his/her opinion on the experience of working with the above mentioned contractor
on previous or existing projects regarding quality of workmanship and management skills.**

- | | | | | | |
|---------------------------------------|-------------------------------------|--------------------------------|--|-----------------------------------|--------------------------------|
| a. Quality of workmanship: | Excellent: <input type="checkbox"/> | Good: <input type="checkbox"/> | Satisfactory: <input type="checkbox"/> | Average: <input type="checkbox"/> | Poor: <input type="checkbox"/> |
| b. Experience on similar projects: | Excellent: <input type="checkbox"/> | Good: <input type="checkbox"/> | Satisfactory: <input type="checkbox"/> | Average: <input type="checkbox"/> | Poor: <input type="checkbox"/> |
| c. Technical knowledge: | Excellent: <input type="checkbox"/> | Good: <input type="checkbox"/> | Satisfactory: <input type="checkbox"/> | Average: <input type="checkbox"/> | Poor: <input type="checkbox"/> |
| d. Site management: | Excellent: <input type="checkbox"/> | Good: <input type="checkbox"/> | Satisfactory: <input type="checkbox"/> | Average: <input type="checkbox"/> | Poor: <input type="checkbox"/> |
| e. Communication: | Excellent: <input type="checkbox"/> | Good: <input type="checkbox"/> | Satisfactory: <input type="checkbox"/> | Average: <input type="checkbox"/> | Poor: <input type="checkbox"/> |
| f. Resources on site: | Excellent: <input type="checkbox"/> | Good: <input type="checkbox"/> | Satisfactory: <input type="checkbox"/> | Average: <input type="checkbox"/> | Poor: <input type="checkbox"/> |
| g. Programme management: (in time...) | Excellent: <input type="checkbox"/> | Good: <input type="checkbox"/> | Satisfactory: <input type="checkbox"/> | Average: <input type="checkbox"/> | Poor: <input type="checkbox"/> |
| h. Payments to sub-contractors: | Excellent: <input type="checkbox"/> | Good: <input type="checkbox"/> | Satisfactory: <input type="checkbox"/> | Average: <input type="checkbox"/> | Poor: <input type="checkbox"/> |
| i. Response to contract instructions: | Excellent: <input type="checkbox"/> | Good: <input type="checkbox"/> | Satisfactory: <input type="checkbox"/> | Average: <input type="checkbox"/> | Poor: <input type="checkbox"/> |
| j. Response to defects: | Excellent: <input type="checkbox"/> | Good: <input type="checkbox"/> | Satisfactory: <input type="checkbox"/> | Average: <input type="checkbox"/> | Poor: <input type="checkbox"/> |

**NOTE: THIS FORM MAYBE DUPLICATED BY THE BIDDER TO OBTAIN REFERENCES FROM YOUR CLIENTS FOR THE PROJECTS THE BIDDER LISTED
IN THE ABOVE DPW-09(EC) AND MUST BE FULLY COMPLETED SIGNED AND STMPED BY THE CLIENT OF THE BIDDER FOR SPECIFIC PROJECTS
MENTIONED.**

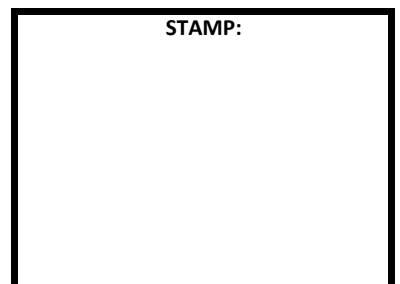
NAME OF CLIENT REPRESENTATIVE : _____

DESIGNATION : _____

CONTACT DETAILS : _____

DATE : _____

STAMP:





public works
& infrastructure

Department:
Public Works and Infrastructure
REPUBLIC OF SOUTH AFRICA

Tender No. : CPT1005/22

REPUBLIC OF SOUTH AFRICA

Department : Public Works and Infrastructure

PROJECT TITLE : CAPE TOWN : PARLIAMENTARY PRECINCT : UPGRADING AND RECONFIGURATION OF VARIOUS KITCHENS INCLUDING REPLACEMENT OF EQUIPMENT AND ASSOCIATED WORKS

TENDER NO : CPT1005/22

FILE NO : WCS 054967

CLOSING DATE : 11H00 ON 28 OCTOBER 2022

TENDER DOCUMENT – VOLUME 3

| <u>DEPARTMENT</u> | | <u>PROJECT LEADER</u> | |
|---|---|---|--|
| DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE | | DEPARTMENTAL REPRESENTATIVE: THE CREATIVE AXIS ARCHITECTS | |
| <u>PHYSICAL ADDRESS</u> | <u>POSTAL ADDRESS</u> | <u>POSTAL ADDRESS</u> | <u>PHYSICAL ADDRESS</u> |
| Customs House Lower Heerengracht Foreshore Cape Town 8001 | Private Bag X 9027 CAPE TOWN 8000 | Boulevard Place South Lobby, 3 rd Floor Heron Crescent Century City Cape Town 8001 | Boulevard Place South Lobby, 3 rd Floor Heron Crescent Century City Cape Town 8001 |
| Contact : Phone | Ms Babalwa Ntshanyana 073 286 3807 | Contact : Phone | Mr Bhavik Ranchod 076 460 8401 |

VOLUME 3: THE CONTRACT

Part C1: Agreement and Contract Data

C1.2 Contract Data

DPW-04 (EC): CONTRACT DATA: JBCC PRINCIPAL BUILDING AGREEMENT (Edition 6.2 of May 2018)

| | |
|-----------------------|--|
| Project title: | CAPE TOWN: PARLIAMENTARY PRECINCT: UPGRADING AND RECONFIGURATION OF VARIOUS KITCHENS INCLUDING REPLACEMENT OF EQUIPMENT AND ASSOCIATED WORKS |
|-----------------------|--|

| | | | | | |
|-------------------------------|------------|----------------|--------|----------------------|------------|
| Tender / Quotation no: | CPT1005/22 | WCS no: | 054967 | Reference no: | WCS 054967 |
|-------------------------------|------------|----------------|--------|----------------------|------------|

| | |
|--|--|
| | <p>The Conditions of Contract are clauses 1 to 30 of the JBCC® Principal Building Agreement (Edition 6.2 of May 2018) prepared by the Joint Building Contracts Committee.</p> <p>Contractors are cautioned to read the JBCC PBA and Contract Data (DPW-04 (EC)) together as some clauses in the JBCC PBA have been amended in the Contract Data (DPW-04 (EC)).</p> <p>Copies of these conditions of contract may be obtained through most regional offices of the Association of South African Quantity Surveyors, Master Builders Association, South African Association of Consulting Engineers, South African Institute of Architects, Association of Construction Project Managers, Building Industries Federation South Africa, South African Property Owners Association or Specialist Engineering Contractors Committee.</p> <p>Bidders to note that materials procured for the works should be from South African manufactures and suppliers. Imported materials shall only be considered under exceptional circumstances, based on compelling technical justifications, and subject to the approval by the NDPWI.</p> |
| | <p>CONTRACT VARIABLES</p> <p>THE SCHEDULE</p> <p>The schedule is the listed variables in this agreement and contains all variables referred to in this document including specific changes made to JBCC® documentation. It is divided into part 1: contract data completed by the employer and part 2: contract data completed by the tenderer. Part 1 must be completed in full and included in the tender documents. Both the part 1 and part 2 form part of this agreement.</p> <p>Spaces requiring information must be filled in, shown as ‘not applicable’ or deleted but not left blank. Where choices are offered, the non-applicable items are to be deleted. Where insufficient space is provided the information should be annexed hereto and cross referenced to the applicable clause of the schedule. Reference to clause numbers in the JBCC Principal Building Agreement are shown in [square brackets] in this contract data e.g. [3.1].</p> |

PART 1: CONTRACT DATA COMPLETED BY THE EMPLOYER:

A PROJECT INFORMATION

A 1.0 Works [1.1]

| | |
|-------------------|---|
| Works description | Refer to document PG01.2 (EC) – Scope of Works for detailed description |
| | Alterations and additons to 2 existing kitchens within the Parliamentary precinct, incl tiling, sanitary fittings etc, electrical installations, mechanical installation and the replacement of existing Kitchen Equipment and Cold/ Freezer Rooms. One Kitchen is for the supply and instalaltion of Kitchen Equipment and Cold/ Freezer rooms only. |

Tender / Quotation no: CPT1005/22

A 2.0 Site [1.1]

| | |
|--------------------|-----------------------------|
| Erf / stand number | Parliament Precinct |
| Site address | Plein Street |
| Township / Suburb | Cape Town |
| City / Town | Cape Town |
| Province | Western Cape |
| Local authority | Cape Town |
| GPS Coordinates | 33°55'33.99"S 18°25'08.99"E |

A 3.0 EMPLOYER AND ITS REPRESENTATIVE

A 3.1 Employer:

| | | | |
|--|--|------------|----------------|
| Official Name of Organ of State / Public Sector Body | Government of the Republic of South Africa in its Department of Public Works & Infrastructure | | |
| Business registration number | Not applicable | VAT number | Not applicable |
| E-mail | babalwa.ntshanyana@dpw.gov.za | Telephone | 073 286 3807 |
| Postal address | Private Bag X9027 Cape Town 8000 | | |
| Physical address | Department Of Public Works Custom House (14 th Floor Room 1426) Lower Heerengraght, Cape Town 8001 | | |

A 3.2 Employer's representative:

| | | | |
|------------------|--|------------------|--------------|
| Name | Babalwa Ntshanyana | Telephone number | |
| E-mail | babalwa.ntshanyana@dpw.gov.za | Mobile number | 073 286 3807 |
| Postal address | Private Bag X9027 Cape Town 8000 | | |
| Physical address | Department Of Public Works Custom House (14 th Floor Room 1426) Lower Heerengraght, Cape Town 8001 | | |

Tender / Quotation no: CPT1005/22

| | | | |
|--------------|-----------------------------------|-------------------|-----------|
| A 4.0 | Principal Agent [1.1; 6.2] | Discipline | Architect |
|--------------|-----------------------------------|-------------------|-----------|

| | | | |
|-----------------------|---|------------------|-----------------|
| Name | The Creative Axis | | |
| Legal entity of above | | Contact person | Arthur Nemukula |
| Practice number | | Telephone number | 021 424 7742 |
| Country | RSA | Mobile number | 071 613 4390 |
| E-mail | arthur@creativeaxis.co.za | | |
| Postal address | Boulevard Place, South Lobby 3 rd Floor, Heron Crescent Century City Cape Town 7441 | | |
| Physical address | Boulevard Place, South Lobby 3 rd Floor, Heron Crescent Century City Cape Town 7441 | | |

| | | | |
|--------------|-------------------------|-------------------|-------------------|
| A 5.0 | Agent [1.1; 6.2] | Discipline | Quantity Surveyor |
|--------------|-------------------------|-------------------|-------------------|

| | | | |
|-----------------------|--|------------------|--------------|
| Name | Mbatha Walters & Simpson (Pty) Ltd | | |
| Legal entity of above | | Contact person | Adam Webber |
| Practice number | | Telephone number | 021 423 6200 |
| Country | RSA | Mobile number | 0832551457 |
| E-mail | a.webber@mwsqs.co.za | | |
| Postal address | PO BOX 15032 Vlaeberg Cape Town 8018 | | |
| Physical address | 6 th Floor, Hycastle House, 58 Loop Street Cape Town 8001 | | |

| | | | |
|--------------|-------------------------|-------------------|----------------------|
| A 6.0 | Agent [1.1; 6.2] | Discipline | Mechanical Engineers |
|--------------|-------------------------|-------------------|----------------------|

| | | | |
|-----------------------|--|------------------|----------------|
| Name | BVI Consulting Engineers | | |
| Legal entity of above | | Contact person | Alfredo Malgas |
| Practice number | | Telephone number | 021 527 7000 |
| Country | RSA | Mobile number | |
| E-mail | alfredom@bviwc.co.za | | |
| Postal address | PO Box 86 Century City Cape Town 7446 | | |
| Physical address | Block B2, Edison Square, C/o Edison Way & Century Ave Century City Cape Town 7441 | | |

Tender / Quotation no: CPT1005/22

| | | | |
|--------------|-------------------------|-------------------|----------------------|
| A 7.0 | Agent [1.1; 6.2] | Discipline | Electrical Engineers |
|--------------|-------------------------|-------------------|----------------------|

| | | | |
|-----------------------|--|------------------|----------------|
| Name | BVI Consulting Engineers | | |
| Legal entity of above | | Contact person | Alfredo Malgas |
| Practice number | | Telephone number | 021 527 7000 |
| Country | | Mobile number | |
| E-mail | alfredom@bviwc.co.za | | |
| Postal address | PO Box 86 Century City Cape Town 7441 | | |
| Physical address | Block B2, Edison Square, C/o Edison Way & Century Ave Century City Cape Town 7441 | | |

| | | | |
|--------------|-------------------------|-------------------|--|
| A 8.0 | Agent [1.1; 6.2] | Discipline | |
|--------------|-------------------------|-------------------|--|

| | | | |
|-----------------------|---|------------------|--|
| Name | | | |
| Legal entity of above | | Contact person | |
| Practice number | | Telephone number | |
| Country | | Mobile number | |
| E-mail | | | |
| Postal address | insert postal address insert suburb insert town insert postal code | | |
| Physical address | insert physical address insert suburb insert town insert postal code | | |

| | | | |
|--------------|-------------------------|-------------------|--|
| A 9.0 | Agent [1.1; 6.2] | Discipline | |
|--------------|-------------------------|-------------------|--|

| | | | |
|-----------------------|---|------------------|--|
| Name | | | |
| Legal entity of above | | Contact person | |
| Practice number | | Telephone number | |
| Country | | Mobile number | |
| E-mail | | | |
| Postal address | insert postal address insert suburb insert town insert postal code | | |
| Physical address | insert physical address insert suburb insert town insert postal code | | |

Any reference to words "Bid" or Bidder" herein and/or in any other documentation shall be construed to have the same meaning as the words "Tender" or "Tenderer".

Tender / Quotation no: CPT1005/22

| | | | |
|---------------|-------------------------|-------------------|--|
| A 10.0 | Agent [1.1; 6.2] | Discipline | |
|---------------|-------------------------|-------------------|--|

| | | | |
|-----------------------|---|------------------|--|
| Name | | | |
| Legal entity of above | | Contact person | |
| Practice number | | Telephone number | |
| Country | | Mobile number | |
| E-mail | | | |
| Postal address | insert postal address insert suburb insert town insert postal code | | |
| Physical address | insert physical address insert suburb insert town insert postal code | | |

| | | | |
|---------------|-------------------------|-------------------|--|
| A 11.0 | Agent [1.1; 6.2] | Discipline | |
|---------------|-------------------------|-------------------|--|

| | | | |
|-----------------------|---|------------------|--|
| Name | | | |
| Legal entity of above | | Contact person | |
| Practice number | | Telephone number | |
| Country | | Mobile number | |
| E-mail | | | |
| Postal address | insert postal address insert suburb insert town insert postal code | | |
| Physical address | insert physical address insert suburb insert town insert postal code | | |

| | | | |
|---------------|-------------------------|-------------------|--|
| A 12.0 | Agent [1.1; 6.2] | Discipline | |
|---------------|-------------------------|-------------------|--|

| | | | |
|-----------------------|---|------------------|--|
| Name | | | |
| Legal entity of above | | Contact person | |
| Practice number | | Telephone number | |
| Country | | Mobile number | |
| E-mail | | | |
| Postal address | insert postal address insert suburb insert town insert postal code | | |
| Physical address | insert physical address insert suburb insert town insert postal code | | |

Tender / Quotation no: CPT1005/22

B CONTRACT INFORMATION

B 1.0 Definitions [1.1]

| | |
|---|--|
| Bills of quantities: System/Method of measurement | Standard system of measurement of building works 7 th edition |
|---|--|

B 2.0 Law, regulations and notices [2.0]

| | |
|--|-------------------------------------|
| Law applicable to the works, state country [2.1] | Law of the Republic of South Africa |
|--|-------------------------------------|

B 3.0 Offer and acceptance [3.0]

| | |
|---|--------------------|
| Currency applicable to this agreement [3.2] | South African Rand |
|---|--------------------|

B 4.0 Documents [5.0]

| | |
|--|----------|
| The original signed agreement is to be held by the principal agent [5.2], if not, indicate by whom | Employer |
| Number of copies of construction information issued to the contractor at no cost [5.6] | 3 |

| Documents comprising the agreement | Page numbers |
|---|--------------|
| The JBCC® Principal Building Agreement, Edition 6.2 May 2018 | 1 to 30 |
| DPW-04 (EC): CONTRACT DATA: JBCC PRINCIPAL BUILDING AGREEMENT (Edition 6.2 of May 2018) | 1 to 31 |
| The JBCC® General Preliminaries for use with the JBCC® Principal Building Agreement, Edition 6.2 May 2018 | |
| Drawings as per drawing register issued with the tender | |
| Specifications issued with the tender | |
| Schedules issued with the tender | |
| Bills of Quantities issued with the tender | |
| Addenda as issued during tender stage, if applicable | As issued |
| | |
| | |
| | |
| | |
| | |

B 5.0 Employer's agents [6.0]

| | |
|--|------------------------|
| Authority is delegated to the following agents to issue contract instructions and perform duties for specific aspects of the works [6.2] [6.7 [CD]] | Principal Agent |
| Principal agent's and agents' interest or involvement in the works other than a professional interest [6.3] | |
| No | |

Tender / Quotation no: CPT1005/22

B 6.0 Insurances [10.0]

| Insurances by contractor | | | Amount including VAT |
|---|--|----------------|----------------------|
| NB: Insurances submitted must be issued by either an insurance company duly registered in terms of the Insurance Act [Long-Term Insurance Act, 1998 (Act 52 of 1998) or Short-Term Insurance Act, 1998 (Act 53 of 1998)] or by a bank duly registered in terms of the Banks Act, 1990 (Act 94 of 1990). | | | |
| | New works [10.1.1] (contract sum or amount) | Not Applicable | R |
| Or | Works with practical completion in sections [10.2] (contract sum or amount) | Not Applicable | R |
| Or | Works with alterations and additions [10.3] (reinstatement value of existing structures with or including new works) | Not Applicable | R |
| | Direct contractors [10.1.1; 10.2] where applicable, to be included in the contract works insurance | Not Applicable | R |
| | Free issue [10.1.1; 10.2] where applicable, to be included in the contract works insurance | Not Applicable | R |
| | Escalation, professional fees and reinstatement costs if not included above | Not Applicable | R |
| Total of the above contract works insurance amount | | | R |
| | Supplementary insurance [10.1.2; 10.2] | Applicable | R |
| | Public liability insurance [10.1.3; 10.2] | Applicable | R 5 Million |
| | Removal of lateral support insurance [10.1.4; 10.2] | Not Applicable | R |
| Other insurances [10.1.5] | | | |
| | Hi Risk Insurance Refer B18.0 [10.1.5.1] | Not Applicable | R |
| | Other insurances: If applicable, description 1: | Not Applicable | R |
| | | | |
| | Other insurances; If applicable, description 2: | Not Applicable | R |
| | | | |

Tender / Quotation no: CPT1005/22

B 7.0 Obligations of the employer [12.1]

| | |
|---|----------------|
| Existing premises will be in use and occupied [12.1.2] | Applicable |
| If applicable, description: The whole parliamentary Precinct will remain occupied, with each kitchen being vacated in order for works to be carried out. | |
| Restriction of working hours [12.1.2] | Not Applicable |
| If applicable, description: | |
| Natural features and known services to be preserved by the contractor [12.1.3] | Applicable |
| If applicable, description: Any unknown services found are to be brought to the attention of the principal agent, and shall not be cut or disconnected until this has been approved. | |
| Restrictions to the site or areas that the contractor may not occupy [12.1.4] | Applicable |
| If applicable, description: Due to the nature of the site, the specific work areas, lay down areas and restricted areas will be pointed out clearly to the contractor on site. | |
| Supply of free issue of material and goods [12.1.10] | Not Applicable |
| If applicable, description: | |

B 8.0 Appointment of Nominated Subcontractors [14.0]

| Select | If applicable, description of specialisation |
|------------------|--|
| Specialisation 1 | |
| Specialisation 2 | |
| Specialisation 3 | |
| Specialisation 4 | |
| Specialisation 5 | |

B 9.0 Appointment of Selected Subcontractors [15.0]

| Select | If applicable, description of specialisation |
|------------------|--|
| Specialisation 1 | |
| Specialisation 2 | |
| Specialisation 3 | |
| Specialisation 4 | |
| Specialisation 5 | |

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B 10.0 Appointment of Direct Contractors [16.0]

| Select | If applicable, description of extent of work [12.1.11] |
|----------------|--|
| Extent of work | |
| Extent of work | |
| Extent of work | |
| Extent of work | |
| Extent of work | |

B 11.0 Works to be completed in sections [20.1]

| Applicable | If applicable, description of sections |
|-------------------------|--|
| Section 1 | Old Assembly Kitchen |
| Section 2 | Marks & 90 Plein Street Kitchens |
| Section 3 | |
| Section 4 | |
| Section 5 | |
| Section 6 | |
| Remainder of the works. | |

B 12.0 Contract period [B18: 1.2], Construction period [B18: 1.1], Possession of site [12.1.5], Practical Completion [19.0; 20.0], Works Completion Refer B18.0 [19.8], Final Completion [21] and Penalties [24.0]

B12.1 Contract Period

| | |
|--|---------|
| Contract period [B18: 1.2]: Period in months as indicated, include time for submitting contractual obligatory documents, submission of Health & Safety Plan and approval, period for obtaining the Construction Permit (if applicable), the Construction Period and the Defect Liability Period up to and including Final Completion | |
| The contract period is determined as follows (Period/s indicated in months): | |
| Period to submit contractual obligatory documents including submission and approval of health and safety plan by the appointed Health & Safety Agent | 2 Weeks |

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| | |
|--|---------------------|
| Period to obtain Construction Permit from Department of Labour upon approval of the Health & Safety Plan by the appointed Health & Safety Agent | 1 week |
| Total construction period for the Works as a whole up to and including Practical Completion, as indicated below [24.1] | 30 Weeks B12.3 ? |
| Period to achieve Works Completion Refer B18.0 [19.8] | 30 weeks |
| Defect liability period up to and including Final Completion | 12 |
| Total Contract period [B18: 1.2] | 30 weeks |
| Penalty amount per calendar day for late submission of contractual obligatory documents: Ten percent (10%) of the penalty amount per calendar day for late Practical Completion, excluding VAT. [24.1] | R 1,260 |

B12.2 Construction Period for completion of the Works as a whole

| | |
|--|------------|
| Construction period [B18: 1.2] and Practical Completion for the Works as a whole [19.0] The time for achieving Practical Completion of the whole of the Works is measured from the date of possession of the site by the contractor inclusive of all public holidays, special non-working days and builders' holiday shut down periods . | Applicable |
| The date for practical completion for the works as a whole shall be the period in months as indicated, starting from the date of possession of the site by the contractor inclusive of all special non-working days and builders' holiday shut down periods [12.2.7; 24.1] | 30 Weeks |
| Period for inspection in working days by the principal agent [19.3] | 3 days |
| Penalty amount per calendar day for late Practical Completion , excluding VAT. [24.1] | R12,600 |
| Penalty amount per calendar day for late Works Completion Refer B18.0 [19.8]: Thirty percent (30%) of penalty amount per calendar day for late Practical Completion, excluding VAT. | R 3,780 |
| Penalty amount per calendar day for late Final Completion [21]: Fifteen percent (15%) of penalty amount per calendar day for late Practical Completion, excluding VAT. | R 1,890 |

B12.3 Construction Period for completion of the Works in portions

| Construction period [B18: 1.1] and Practical completion for portions of the Works [20.0] | Applicable | | | | | |
|--|---------------|-------------|---|---|---|---|
| Portions of the Works in sections: | 1 | 2 | 3 | 4 | 5 | 6 |
| Period for inspection by the principal agent in working days [19.3] | | | | | | |
| The date for practical completion shall be the period in months as indicated from the date of possession of the site by the contractor [12.2.7; 24.1] | 2.5 Months | 4 Months | | | | |

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| | |
|---|----------|
| The date for practical completion for the whole of the Works, if applicable shall be the period in months as indicated from the date of possession of the site by the contractor inclusive of all public holidays, special non-working days and builders' holiday shut down periods [12.2.7; 24.1] | B12.3 ? |
| Penalty for late Practical Completion, if completion in sections is required , excluding VAT | |
| The penalty amount per day for failing to complete section 1 of the Works is: | R 2,350 |
| The penalty amount per day for failing to complete section 2 of the Works is: | R 17,000 |
| The penalty amount per day for failing to complete section 3 of the Works is: | R |
| The penalty amount per day for failing to complete section 4 of the Works is: | R |
| The penalty amount per day for failing to complete section 5 of the Works is: | R |
| The penalty amount per day for failing to complete section 6 of the Works is: | R |
| The penalty amount per day for failing to complete the whole of the Works, if applicable, is: | R 12,600 |
| Penalty amount per calendar day for late Works Completion Refer B18.0 [19.8]: To be calculated at Thirty percent (30%) of penalty / calendar day to complete the whole of the Works , excluding VAT | |
| Penalty amount per calendar day for late Final Completion [21]: To be calculated at Fifteen percent (15%) of penalty / calendar day to complete the whole of the Works , excluding VAT | |

B 13.0 Criteria to achieve Practical Completion [19.0; 20.0]

| Criteria to achieve Practical Completion not covered in the definition of practical completion | |
|--|---|
| 13.1 | Obtain Occupation Certificate from the relevant authority prior to issuing the Practical Completion certificate |
| 13.2 | All relevant CoCs |
| 13.3 | All guarantees |
| 13.4 | Training on electrical, security and mechanical installations if contractually required |
| 13.5 | Maintenance / operating manuals |
| 13.6 | CPG and cidb BUILD programme achievement certificates submitted with substantiating documentation |
| 13.7 | |
| 13.8 | |
| 13.9 | |
| 13.10 | |

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B 14.0 Defects liability period [21.0]

Extended defects liability period: Refer B18.0 [21.13]

| Applicable | If applicable, description of applicable elements |
|------------|--|
| 14.1 | Emergency generator/s |
| 14.2 | Air conditioning system and plant |
| 14.3 | Security system/s (e.g. Access control, Intruder alarm, etc.) |
| 14.4 | Electrical equipment (e.g. Electric operated doors, Electric motors, etc.) |
| 14.5 | Lifts |
| 14.6 | Mechanical equipment (e.g. Fire detection, Fire suppression system, Kitchen equipment, etc.) |
| 14.7 | Civil works |
| 14.8 | Landscaping including automated systems (irrigation) |
| 14.9 | Kitchen Equipment |
| 14.10 | |

B 15.0 Payment [25.0]

| | |
|--|---------------------------|
| Date of month for issue of regular payment certificates Refer B18.0 [25.2] | 25th |
| Contract price adjustment / Cost fluctuations Refer [25.3.4; 26.9.5] | Not Applicable |
| If applicable, method to calculate | CPAP |
| Employer shall pay the contractor within: Refer B18.0 [25.10] | Thirty (30) calendar days |

B 16.0 Dispute resolution [30.0]

| | |
|-------------------------|--|
| Mediation | Applicable |
| Name of nominating body | Association of Arbitrators (Southern Africa) |
| Appointment of Mediator | State Attorney |
| Litigation | Court with Jurisdiction |

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B 17.0 JBCC® General Preliminaries - selections

| | | |
|--|-----------------------|----------------|
| Provisional bills of quantities [P2.2] | | Applicable |
| Availability of construction information [P2.3] | | Applicable |
| Previous work - dimensional accuracy - details of previous contract(s) [P3.1] | | Applicable |
| Previous work - defects - details of previous contract(s) [P3.2] | | Applicable |
| Inspection of adjoining properties - details [P3.3] | | Applicable |
| Handover of site in stages - specific requirements [P4.1] | | Applicable |
| Enclosure of the works - specific requirements [P4.2] | | Applicable |
| Geotechnical and other investigations - specific requirements [P4.3] | | Not Applicable |
| Existing premises occupied - details [P4.5] | | Applicable |
| Services - known - specific requirements [P4.6] | | Applicable |
| Water [P8.1] | By contractor | Not Applicable |
| | By employer | Applicable |
| | By employer – metered | Not Applicable |
| Electricity [P8.2] | By contractor | Not Applicable |
| | By employer | Applicable |
| | By employer – metered | Not Applicable |
| Ablution and welfare facilities [P8.3] | By contractor | Applicable |
| | By employer | Select |
| Communication facilities - specific requirements [P8.4] The contractor will provide Telephone and email facilities for those responsible on site. | | Applicable |
| Protection of the works - specific requirements [P11.1] Where applicable, the access routes into and out of the kitchens will be protected to ensure no damage to the existing building | | Applicable |
| Protection / isolation of existing works and works occupied in sections - specific requirements [P11.2] | | Not Applicable |
| Disturbance - specific requirements [P11.5] | | Not Applicable |
| Environmental disturbance - specific requirements [P11.6] | | Not Applicable |

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B 18.0 SPECIFIC CHANGES MADE TO JBCC® DOCUMENTATION

[Details of changes made to the provisions of **JBCC** standard documentation]

| | |
|-----|---|
| 1.2 | <p>Definitions</p> <p>The following definitions replace corresponding definitions or are added to the definitions in the JBCC PRINCIPAL BUILDING AGREEMENT (Edition 6.2 of May 2018), whatever the case may be.</p> <p>ADVERSE WEATHER CONDITIONS: Adverse weather and inclement weather has the same meaning and used interchangeably and means any weather conditions i.e.: Rain, wind, snow, frost, temperature (cold or heat) that are not in the norm for the area where the construction takes place and during which no work is possible on site.</p> <p>AGREEMENT: The completed Form of Offer and Acceptance, the completed JBCC® Principal Building Agreement and contract data for organs of state and other public sector bodies, the contract drawings, the priced document and any other documents reduced to writing and signed by the authorised representative or representatives of the parties.</p> <p>CONSTRUCTION PERIOD: The period commencing on the date of possession of the site by the contractor and ending on the date of practical completion.</p> <p>CONTRACT PERIOD: The period commencing on the date of the letter of acceptance and ending on the date of final completion.</p> <p>COST FLUCTUATION shall mean contract price adjustment provision (CPAP) for the adjustment of fluctuation in the cost of labour, plant, material and goods as stated in the schedule.</p> <p>DEFAULT INTEREST: No clause.</p> <p>GUARANTEE FOR CONSTRUCTION: A security in terms of the DPWI's Guarantee for Construction form/s, obtained by the contractor from an institution approved by the employer [CD].</p> <p>INTEREST: The interest rates applicable on this contract, whether specifically indicated in the relevant clauses or not, will be the rate as determined by the Minister of Finance from time to time, in terms of section 80(1)(b) of the Public Finance Management Act, 1999 (Act No 1 of 1999) as amended, calculated as simple interest, in respect of debts owing to the State, and will be the rate as published by the Minister of Justice and Correctional Services from time to time, in terms of section 1(2) of the Prescribed Rate of Interest Act, 1975 (Act No 55 of 1975) as amended, calculated as simple interest, in respect of debts owing by the State.</p> <p>LETTER OF ACCEPTANCE: The letter of formal acceptance of the Contractor's or Service Provider's Tender / Bid, issued and signed by the Employer.</p> <p>PAYMENT CERTIFICATE: A certificate issued at regular agreed intervals [CD] by the principal agent to the parties certifying the amount due and payable in terms of clause 25.3.</p> <p>PRINCIPAL AGENT: The person or entity appointed by the employer and named in the contract data for organs of state and other public sector bodies. In the event of a principal agent not being appointed, then all the duties and obligations of a principal agent as detailed in the agreement shall be fulfilled by the employer's representative as named in the contract data for organs of state and other public sector bodies.</p> <p>TARGETED SUBCONTRACTORS: Subcontractors that must be appointed to a total of 30% or more of the contract sum, by the contractor, projects with a contract sum of the amount determined by the Minister in terms of the latest Preferential Procurement regulations, as may be amended from time to time.</p> |
|-----|---|

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| CONTRACT SPECIFIC DATA | |
|---|---|
| The following contract specific data, referring to the General Conditions of Contract for Construction Works, JBCC PRINCIPAL BUILDING AGREEMENT (Edition 6.2 of May 2018), are applicable to this Contract: | |
| 3.3 | Replace clause with the following: This agreement shall come into force on the date of letter of acceptance and continue to be of force and effect until the end of the latent defects liability period [22.0] notwithstanding termination [29.0] or the certification of final completion [21.0] and final payment [25.0]. |
| 4.2 | Refer to clause 6.7 [CD]. |
| 4.3 | Replace clause with the following: Where a contractor cedes any right or any monies due to or to become due under this agreement as security in favour of a financial institution, the prior written consent of the employer, which consent shall not be unreasonably withheld, must be obtained. |
| 5.2 | Replace last sentence with the following: The original signed agreement shall be held by the Employer. |
| 5.4 | Replace clause with the following: The Bills of Quantities shall not be used as a specification of material and goods or methods unless so instructed by the Principal Agent. The contractor may not use the Bills of Quantities for purpose of ordering material. All dimensions and quantities must be determined on site before ordering. In the event of discrepancy between the drawings and Bills of Quantity, the drawings shall take preference. |
| 5.5 | Replace clause with the following: The parties may publish or disclose on any platform only the contract scope and contract amount. |
| 6.5 | Replace clause with the following: Where the principal agent and/or an agent fails to act or is unable to act or ceases to be the principal agent or an agent in terms of this agreement, the employer may appoint another principal agent and/or an agent, be it temporary or permanently. |
| 6.7 | Add the following as clause 6.7: In terms of the clauses listed hereunder, the employer has retained its authority and has not given a mandate to the principal agent, notwithstanding other provisions in the contract. The employer shall sign all documents in relation to clauses 4.2, 14.1.4, 14.4.1, 14.6, 15.1.4, 15.4.1, 23.1, 23.2, 23.3, 23.7, 23.8, 26.1, 26.7, 26.12. |
| 7.2 | Replace first sentence with the following: Any design responsibility undertaken by a subcontractor shall not devolve on the contractor except for items that require specific component design and or compatibility design and or shop drawings and or the assembly thereof. |
| 8.4 | Replace clause with the following: The contractor shall bear the full risk of damage to and/or destruction of the works by whatever cause during construction of the works and hereby indemnifies and holds harmless the employer against any such damage. The contractor shall take such precautions and security measures and other steps for the protection and security of the works as the contractor may deem necessary. |
| 9.2.7 | Add the following to the end of the first sentence: "... due to no fault of the contractor". |

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|------------|--|
| 9.2.9 | No clause. |
| 9.2.10 | No clause. |
| 9.3 | Add the following as clause 9.3: The employer's rights to claim damages for the contractor's omissions and actions will not be affected. |
| 10.1 | Replace clause with the following: The party responsible shall effect and keep the respective insurances [CD] in force, in favour of the employer as beneficiary, from the date of possession of the site until the issue of the certificate of practical completion and with an extension to cover the contractor's obligations after the date of practical completion [8.2.2]. |
| 10.1.5.1 | Add the following as clause 10.1.5.1: Hi Risk Insurance In the event of the project being executed in a geological area classified as a "High Risk Area", that is an area which is subject to highly unstable sub-surface conditions that might result in catastrophic ground movement evident by sinkhole or doline formation the following will apply: |
| 10.1.5.1.1 | Add the following as clause 10.1.5.1.1: Damage to the works The contractor shall, from the date of possession of the site until the date of the certificate of practical completion, bear the full risk of and hereby indemnifies and holds harmless the employer against any damage to and/or destruction of the works consequent upon a catastrophic ground movement as mentioned above. The contractor shall take such precautions and security measures and other steps for the protection of the works as he may deem necessary. When so instructed to do so by the principal agent, the contractor shall proceed immediately to remove and/or dispose of any debris arising from damage to or destruction of the works and to rebuild, restore, replace and/or repair the works, at the contractor's own costs. |
| 10.1.5.1.2 | Add the following as clause 10.1.5.1.2: Injury to persons or loss of or damage to property The contractor shall be liable for and hereby indemnifies and holds harmless the employer against any liability, loss, claim or proceeding arising at any time during the period of the contract whether arising in common law or by statute, consequent upon personal injuries to or the death of any person whomsoever resulting from, arising out of or caused by a catastrophic ground movement as mentioned above. The contractor shall be liable for and hereby indemnifies the employer against any and all liability, loss, claim or proceeding consequent upon loss of or damage to any moveable, or immovable property, or personal property, or property contiguous to the site, whether belonging to or under the control of the employer or any other body or person whomsoever arising out of or caused by a catastrophic ground movement, as mentioned above, which occurred during the period of the contract. |
| 10.1.5.1.3 | Add the following as clause 10.1.5.1.3: It is the responsibility of the contractor to ensure that he has adequate insurance to cover his risk and liability as mentioned in 10.1.5.1.1 and 10.1.5.1.2. Without limiting the contractor's obligations in terms of the contract, the contractor shall, within twenty-one (21) calendar days of the date of letter of acceptance, but before commencement of the works, submit to the employer proof of such insurance policy. |

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| 10.1.5.1.4 | Add the following as clause 10.1.5.1.4: The employer shall be entitled to recover any and all losses and/or damages of whatever nature suffered or incurred consequent upon the contractor's default of his obligations as set out in 10.1.5.1.1; 10.1.5.1.2 and 10.1.5.1.3. Such losses or damages may be recovered from the contractor or by deducting the same from any amounts still due under this contract or under any other contract presently or hereafter existing between the employer and the contractor and for this purpose all these contracts shall be considered one indivisible whole. |
| 10.2 | Replace clause with the following: Where practical completion in sections is required [20.0], or where the works is for alterations and additions, the contractor shall effect and keep in force contract works insurance [10.1.1], supplementary insurance [10.1.2], public liability insurance [10.1.3] and where applicable, removal of lateral support insurance [10.1.4] and other insurances [10.1.5] in favour of the employer as beneficiary. |
| 10.6 | No clause. |
| 10.11 | Add the following as clause 10.11 In the event that an insurer dispute the amount of the claim to be paid to the employer, the contractor shall be liable to the employer for the difference between the claim (as determined by the employers QS appointed on the project) made by the employer and the amount that the insurer is willing to pay. |
| 11.1 | Add the following to clause 11.1. In respect of contracts with a contract sum up to R1 million, the security to be provided by the contractor to the employer will be a payment reduction of five per cent (5%) of the value certified in the payment certificate (excluding VAT). In respect of contracts with a contract sum above R1 million, the contractor shall have the right to select the security to be provided in terms of C 1.0 Securities, as stated in the schedule. Such security shall be provided to the employer within fifteen (15) working days from contract commencement date. Should the contractor fail to select the security to be provided or should the contractor fail to provide the employer with the selected security within fifteen (15) working days from the contract commencement date, the security in terms of C 1.0 Option C shall be deemed to have been selected. The payment reduction of the value certified in a payment certificate shall be <i>mutatis mutandis</i> in terms of 25.12.1 - 25.12.5. |
| 11.1.1 | No clause. |
| 11.1.2 | No clause. |
| 11.2.2 | No clause. |
| 11.3 | No clause. |
| 11.4.1 | Replace clause 11.4.1 with the following: Hand over the site to the contractor and withhold an amount equal to ten per cent (10%) of each interim payment certificate until practical completion is achieved. The value certified shall be subject to the adjustments in terms of 25.12.6 to 25.12.10. |
| 11.5 | No clause. |
| 11.6 | No clause. |

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| 11.7 | No clause. |
| 11.8 | No clause. |
| 11.9 | No clause. |
| 11.10 | No clause. |
| 11.11 | Add the following as clause 11.11 Where the security as a cash deposit of ten per cent (10%) of the contract sum (excluding VAT) has been selected: |
| 11.11.1 | Add the following as clause 11.11.1 The contractor shall furnish the employer with a cash deposit equal in value to ten percent (10%) of the contract sum (excluding VAT) within fifteen (15) working days from the contract commencement date. Failure to furnish the employer with a cash deposit within fifteen (15) working days clause 11.4 will apply <i>mutatis mutandis</i> . |
| 11.11.2 | Add the following as clause 11.11.2 The employer shall be entitled to recover expense and loss from the cash deposit in terms of 27.0 provided that the employer notifies the Contractor in which event the employer's entitlement shall take precedence over his obligations to refund the cash deposit security or portions thereof to the contractor. |
| 11.11.3. | Add the following as clause 11.11.3 Within fifteen (15) working days of the date of practical completion of the works the employer shall reduce the cash deposit to an amount equal to three per cent (3%) of the contract value (excluding VAT). |
| 11.11.4 | Add the following as clause 11.11.4 Within fifteen (15) working days of the date of final completion of the works the employer shall reduce the cash deposit to an amount equal to one per cent (1%) of the contract value (excluding VAT). |
| 11.11.5 | Add the following as clause 11.11.5 On the date of payment of the amount in the final payment certificate, the employer shall refund the remainder of the cash deposit to the contractor. |
| 11.11.6 | Add the following as clause 11.11.6 The parties expressly agree that neither the employer nor the contractor shall be entitled to cede the rights to the deposit to any third party. |
| 11.12 | Add the following as clause 11.12 Where security as a variable construction guarantee of ten percent (10%) of the contract sum (excluding VAT) has been selected: |
| 11.12.1 | Add the following as clause 11.12.1 The contractor shall furnish the employer with an acceptable variable construction guarantee equal in value to ten per cent (10%) of the contract sum (excluding VAT) within fifteen (15) working days after issuance of the letter of acceptance. Failure to submit an acceptable variable construction guarantee within fifteen (15) working days clause 11.4 will apply <i>mutatis mutandis</i> . |
| 11.12.2 | Add the following as clause 11.12.2 The variable construction guarantee shall reduce and expire in terms of the Variable Construction Guarantee form included in the invitation to tender. |

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| 11.12.3 | Add the following as clause 11.12.3 The employer shall return the variable construction guarantee to the contractor within fourteen (14) calendar days of it expiring. |
| 11.12.4 | Add the following as clause 11.12.4 Where the employer has a right of recovery against the contractor in terms of 27.0, the employer shall issue a written demand in terms of the variable construction guarantee. |
| 11.13 | Add the following as clause 11.13 Where security is a fixed construction guarantee of five per cent (5%) of the contract sum (excluding VAT) and a five per cent (5%) payment reduction of the value certified in the payment certificate (excluding VAT) has been selected: |
| 11.13.1 | Add the following as clause 11.13.1 The contractor shall furnish a fixed construction guarantee to the employer equal in value to five per cent (5%) of the contract sum (excluding VAT). |
| 11.13.2 | Add the following as clause 11.13.2 The fixed construction guarantee shall come into force on the date of issue and shall expire on the date of the last certificate of practical completion. |
| 11.13.3 | Add the following as clause 11.13.3 The employer shall return the fixed construction guarantee to the contractor within fourteen (14) calendar days of it expiring. |
| 11.13.4 | Add the following as clause 11.13.4 The payment reduction of the value certified in a payment certificate shall be <i>mutatis mutandis</i> in terms of 25.12.1 - 25.12.5. |
| 11.13.5 | Add the following as clause 11.13.5 Where the employer has a right of recovery against the contractor in terms of 27.0, the employer shall be entitled to issue a written demand in terms of the fixed construction guarantee or may recover from the payment reduction or from both. |
| 11.14.1 | Add the following as clause 11.14.1 Where security as a cash deposit of five per cent (5%) of the contract sum (excluding VAT) and a payment reduction of five per cent (5%) of the value certified in the payment certificate (excluding VAT) has been selected: |
| 11.14.2 | Add the following as clause 11.14.2 The contractor shall furnish the employer with a cash deposit equal in value to five per cent (5%) of the contract sum (excluding VAT) within fifteen (15) working days from the contract commencement date. Failure to submit a cash deposit within fifteen (15) working days clause 11.4 will apply <i>mutatis mutandis</i> . |
| 11.14.3 | Add the following as clause 11.14.3 Within fifteen (15) working days of the date of practical completion of the works the employer shall refund the cash deposit in total to the contractor. |
| 11.14.4 | Add the following as clause 11.14.4 The payment reduction of the value certified in a payment certificate shall be <i>mutatis mutandis</i> in terms of 25.12.1 - 25.12.5. |
| 11.14.5 | Add the following as clause 11.14.5 Where the employer has a right of recovery against the contractor in terms of 27, the employer may recover from the payment reduction or cash deposit or from both. |

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|---------|---|
| 11.15 | Add the following as clause 11.15 Where security as a payment reduction of ten per cent (10%) of the value certified in the payment certificate (excluding VAT) has been selected: |
| 11.15.1 | Add the following as clause 11.15.1 The payment reduction of the value certified in a payment certificate shall be <i>mutatis mutandis</i> in terms of 25.12.6 to 25.12.10. |
| 11.15.2 | Add the following as clause 11.15.2 The employer shall be entitled to recover expense and loss from the cash deposit in terms of 27.0 provided that the employer notifies the Contractor in which event the employer's entitlement shall take precedence over his obligations to refund the cash deposit security or portions thereof to the contractor. |
| 11.16 | Add the following as clause 11.16 Payments made by the guarantor to the employer in terms of the fixed or variable construction guarantee shall not prejudice the rights of the employer or contractor in terms of this agreement. |
| 11.17 | Add the following as clause 11.17 Should the contractor fail to furnish the security in terms of 11.2 the employer, in his sole discretion, and without notification to the contractor, is entitled to change the contractor's selected form of security to that of a ten per cent (10%) payment reduction of the value certified in the payment certificate (excluding VAT). |
| 12.1.1 | No Clause. |
| 12.1.5 | Replace clause with the following: Give possession of the site to the contractor within ten (10) working days after approval of the Health and Safety Plan or the issue of a construction permit by the Department of Labour, if applicable, after the contractor complied with the terms of 12.2.22. |
| 12.1.6 | No clause. |
| 12.1.8 | No clause. |
| 12.2.2 | Replace clause with the following: The priced Bills must be submitted to the Employer within fourteen (14) calendar days from date of request. Where the priced document contains errors or discrepancies and/or prices considered by the employer or principal agent to be imbalanced or unreasonable the employer or principal agent and the contractor shall adjust such prices without any change to the contract sum . |
| 12.2.5 | Replace clause with the following: Effect and keep in force insurances in favour of the employer as beneficiary where the contractor is responsible for providing insurances [10.0] [CD]. |
| 12.2.13 | Replace clause with the following: Designate a competent person full time on site to continuously administer and control the works on site and to receive and implement notices and contract instructions on behalf of the contractor. |
| 12.2.22 | Insert the following clause as 12.2.22: Within fourteen (14) working days of the date of the letter of acceptance submit to the principal agent an acceptable health and safety plan, required in terms of the Occupational Health and Safety Act, 1993 (Act No 85 of 1993). |

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| 12.2.23 | Insert the following clause as 12.2.23: The contractor shall within reasonable time inform the agents regarding inspection of the works before covering / closing [B 12.0]. |
| 14.1.4 | Refer to clause 6.7 [CD]. |
| 14.1.5 | No clause. |
| 14.4.1 | Replace "principal agent "with "employer" [6.7 [CD]]. |
| 14.6 | Refer to clause 6.7 [CD]. |
| 15.0 | See clause 6.7 above for clauses, 15.5. |
| 15.1.2 | Replace clause with the following: The principal agent shall call for tenders from a list of tenderers agreed between the contractor and the employer. |
| 15.1.4 | Refer to clause 6.7 [CD]. |
| 15.1.5 | No clause. |
| 15.4.1 | Replace "principal agent" with "employer" [6.7 [CD]]. |
| 17.4 | Replace clause with the following: The contractor shall comply with and duly execute all contract instructions except any contract instruction for additional work issued after the date of practical completion other than making good physical loss and repairing damage to the works in terms of 8.0 and 21. |
| 17.6 | Add the following as clause 17.6: Minutes of meetings shall not constitute a site instruction unless reduced to a written contract instruction issued by the principal agent in terms of this contract / agreement. |
| 19.5 | Replace clause with the following: On issue of the only or last certificate of practical completion the employer shall be entitled to possession of the works and the site. On issue of the certificate of practical completion for a section, the employer shall be entitled to possession of such section. |
| 19.8 | Add the following as: 19.8 WORKS COMPLETION (1) Within seven (7) calendar days of the date of practical completion the principal agent shall issue to the contractor a works completion list defining the outstanding work and defects apparent at the date of practical completion to be completed or rectified to achieve works completion. (2) Where, in the opinion of the contractor, the works completion list has been completed the contractor shall notify the principal agent who shall inspect within seven (7) calendar days of receipt of such a notice. Where, in the opinion of the principal agent, the Works Completion list: (2)(a) Has been satisfactorily completed, the principal agent shall forthwith issue a certificate of Works Completion to the contractor with a copy to the employer |

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| <p>19.8 Continued</p> | <p>(2)(b) Has not been satisfactorily completed, the principal agent shall forthwith identify the works completion list items that are not yet complete and inform the contractor thereof. The contractor shall repeat the procedure in terms of 19.8(2)</p> <p>(3) Should the principal agent not issue a works completion list, in terms of 19.8 (1) or 25.2(b), within seven (7) calendar days from the end of the inspection period, the contractor shall notify the employer and principal agent. Should the principal agent not issue such Works Completion list within seven (7) calendar days of receipt of such notice, the employer may within seven (7) calendar days issue to the contractor a Works Completion list. Should the employer:</p> <p>(3)(a) Not issue such works completion list within seven (7) calendar days, then the certificate of Works Completion shall be deemed to have been issued on the date of expiry of the initial notice period and works completion shall be deemed to have been achieved on such date</p> <p>(3b) Issue a works completion list and the work on Works Completion list not have been completed or where further defects have become apparent, the employer shall forthwith identify such items on the updated works completion list and notify the contractor. The contractor shall repeat the procedure in terms of 25.2(b) until such items have been completed to the satisfaction of the employer</p> <p>(4) Should the works completion list not be completed to the satisfaction of the employer within a period of twenty one (21) working days of the issue first works completion list the contractor shall be liable to a daily penalty as described in B13.</p> <p>(5) The defects liability period in terms of 21.1 shall commence with the issue or deemed issue of the certificate of Works Completion in terms of 19.8(2)(a) or 19.8(3).</p> |
| <p>20.2.1.A</p> | <p>Add the following as: 20.2.1.A A certificate of Works Completion [19.8]</p> |
| <p>21.1</p> | <p>Replace clause 21.1 with the following: The defects liability period for the works shall commence on the calendar day following the date of works completion and end at midnight (00:00) ninety (90) calendar days from the date of works completion [CD] or when work on the list for completion has been satisfactorily attended to [21.6], whichever is the later (if we use works completion).</p> |
| <p>21.6</p> | <p>Replace clause 21.6 with the following: On the expiry of the ninety (90) calendar days defects liability period [21.1] for items not indicated as items with an extended liability as indicated in B14 and on receipt of the contractor's notice to the principal agent.</p> <p>And/or</p> <p>On the expiry of the defects liability period as indicated in B14, for items indicated in B14 and on receipt of the contractor's notice to the principal agent, the principal agent shall:</p> <p>(1) inspect the works And within ten (10) working days either issue a list for final completion detailing all outstanding work or defects that must be attended to, or rectified to achieve final completion or</p> <p>(2) issue the certificate of final completion to the contractor with a copy to the employer for that part of the works where defects liability period has expired.</p> |
| <p>21.6.1.</p> | <p>Omit clause.</p> |

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| 21.6.2 | Omit clause. |
| 21.13 | Add the following as clause 21.13 The ninety (90) calendar days defects liability period for the works [21.1] is replaced with an extended defects liability period of three hundred and sixty-five (365) calendar days in respect of the listed applicable elements in B14. |
| 21.14 | Add the following as clause 21.14 Penalties will be applied if the items on the completion list have not been attended to within a period of ninety (90) calendar days [21.1]. If additional defect items have being added to the list during this period, then the Principal Agent and Contractor will agree on a revised completion date. Failing in achieving the revised date will result in penalties being applied [B12.0]. |
| 22.3.2 | No clause. |
| 23.1 | Refer to clause 6.7 [CD]. |
| 23.2 | Refer to clause 6.7 [CD]. |
| 23.2.13 | No clause. |
| 23.3 | Replace 23.3 with the following: Further circumstances that delays practical completion due to any other cause beyond the contractor's reasonable control that could not have reasonably been anticipated and provided for which the contractor may be entitled to a revision of the date for practical completion, with or without an adjustment of the contract value as determined by the Employer [6.7 CD]. |
| 23.7 | Refer to clause 6.7 [CD]. |
| 23.8 | Refer to clause 6.7 [CD]. |
| 24.1 | Replace clause 24.1 with the following: Where the contractor fails to bring the works , or a section thereof, to practical-, works-, or final- completion by the applicable completion date [B10 CD], or the revised applicable completion date, the contractor shall be liable to the employer for the penalty [B10 CD]. |
| 24.2 | Replace clause 24.2 with the following: Where the employer elects to levy such penalty the employer , or the principal agent on instruction from the employer , shall give notice thereof to the contractor . The principal agent shall determine the penalty due from the later of the date for practical- works-, or final- completion [B10 CD], or the revised date for practical- works-, or final- completion , up to and including the earlier of: |
| 24.2.1 | Replace clause 24.2.1 with the following: The actual or deemed date of practical-, works- or final- completion of the works , or a section thereof [23.7.1]. |
| 25.2 | Replace clause 25.2 with the following: The principal agent shall issue at regular agreed intervals [CD] payment certificates, to the contractor with a copy to the employer, up to and including practical completion. Interim Payment certificates may be issued to the contractor between practical completion and the final payment certificate. A payment certificate may be for a nil or negative amount. |

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| 25.3 | <p>Add the following to clause 25.3:</p> <p>25.3.12 Monthly Local content report.</p> <p>25.3.13 EPWP / NYS payment register, labour reports and certified ID document of EPWP/ NYS beneficiaries, Contract between Contractor and EPWP/ NYS beneficiaries, attendance register (if applicable).</p> <p>25.3.14 Tax Invoice.</p> <p>25.3.15 Labour intensive report.</p> <p>25.3.16 Contract participation goal and cidb BUILD programme reports.</p> |
| 25.5 | No Clause. |
| 25.6 | <p>Replace clause 25.6 with the following:</p> <p>Materials and goods will only be certified and paid for upon providing proof of full payment to the supplier and proof of transfer of ownership from the supplier to the contractor by the contractor. Once paid, material and goods shall become the property of the employer and shall not be removed from site without the written authority of the Employer.</p> |
| 25.7.5 | No clause. |
| 25.10 | <p>Replace clause 25.10 with the following:</p> <p>The employer shall pay the contractor the amount stipulated in an issued payment certificate, correct in all material respects, within thirty (30) calendar days from the date of receiving the payment certificate and invoice including all other substantiating documentation for items certified in the payment certificate.</p> |
| 25.12 | <p>Replace clauses 25.12 to 25.12.3 with the following:</p> <p>The value certified shall be subject to the following percentage adjustments :</p> <p>(Clauses 25.12.1 to 25.12.5 shall be applicable to a contract sum up to R1 million. In the event of a contract sum more than R1 million for Options D & E (C 1.0 Securities [11.0]) Clauses 25.12.1 to 25.12.5 shall be applicable)</p> <p>25.12.1 Where a security is selected in terms of C 1.0 Securities [11.0] the value of the works in terms of 25.1 and of the materials and goods in terms of 25.4 shall be certified in full. The value certified shall be subject to the following percentage adjustments:</p> <p>25.12.2 Ninety-five per cent (95%) of such value in interim payment certificates issued up to the date of practical completion.</p> <p>25.12.3 Ninety-seven per cent (97%) of such value in interim payment certificates issued on the date of works completion and up to but excluding the date of final completion.</p> <p>25.12.4 Ninety-nine per cent (99%) of such value in interim payment certificates issued on the date of final completion and up to but excluding the final payment certificate in terms of 26.</p> <p>25.12.5 One hundred per cent (100%) of such value in the final payment certificate in terms of 26 except where the amount certified is in favour of the employer. In such an event the payment reduction shall remain at the adjustment level applicable to the final payment certificate.</p> |

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| 25.12 Continued | <p>(Clauses 25.12.6 to 25.12.10 shall be applicable to a contract sum more than R1 million for Option C (C 1.0 Securities [11.0])</p> <p>25.12.6 Where security is a payment reduction in term of Option C, the value of the works in terms of 25.1 and materials and goods in terms of 25.4 shall be certified in full. The value certified shall be subject to the following percentage adjustments:</p> <p>25.12.7 Ninety per cent (90%) of such value in interim payment certificates issued up to the date of practical completion.</p> <p>25.12.8 Ninety-seven per cent (97%) of such value in interim payment certificates issued on the date of practical completion and up to but excluding the date of final completion.</p> <p>25.12.9 Ninety-nine per cent (99%) of such value in interim payment certificates issued on the date of final completion and up to but excluding the final payment certificate in terms of 26.</p> <p>25.12.10 One hundred per cent (100%) of such value in the final payment certificate in terms of 26 except where the amount certified is in favour of the employer. In such an event the payment reduction shall remain at the adjustment level applicable to the final payment certificate.</p> |
| 26.1 | Refer to clause 6.7 [CD]. |
| 26.4.3 | Omit clause. |
| 26.7 | Refer to clause 6.7 [CD]. |
| 26.10 | <p>Replace 26.10 with the following:</p> <p>The principal agent shall prepare the final account in consultation with the employer and issue the final account, to the contractor within sixty (60) working days of the date of practical completion.</p> |
| 26.12 | Refer to clause 6.7 [CD]. |
| 27.1. 2 | <p>Replace 27.1.2 with the following:</p> <p>Interest due to late payment only.</p> |
| 27.1.4 | <p>Replace 27.1.4 with the following:</p> <p>Interest due to late payment only.</p> |
| 27.1.5 | No clause. |
| 27.5 | <p>Add the following as clause 27.5:</p> <p>Where the employer decides to recover an amount due in terms of 27.2 from a construction guarantee, cash deposit or retention money held as security, the employer shall issue a written demand to the contractor before recovering the amount. Should such amount not be paid to the employer within fourteen (14) calendar days of the date-of notice by the employer, the employer may recover such an amount from the security.</p> |

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| 27.6 | Add the following as clause 27.6: Where a provisional sequestration or provisional liquidation order has been granted or where an order has been granted which commences sequestration, liquidation, bankruptcy, receivership, winding-up or any similar effect, against the contractor or this agreement is cancelled in terms of 29, the employer may issue a demand to the guarantor in terms of the construction guarantee or advance payment guarantee held as security. |
| 28.0 | No clause. |
| 28.1 | No clause. |
| 28.1.1 | No clause. |
| 28.1.2 | No clause. |
| 28.1.3 | No clause. |
| 28.1.4 | No clause. |
| 28.1.5 | No clause. |
| 28.2 | No clause. |
| 28.3 | No clause. |
| 28.4 | No clause. |
| 29.1.4 | Add the following as clause 29.1.4: The contractor's estate has been sequestered, liquidated or surrendered in terms of the insolvency laws in force within the Republic of South Africa. |
| 29.1.5 | Add the following as clause 29.1.5: The contractor has engaged in corrupt or fraudulent practices in competing for or in executing the contract. |
| 29.1.6 | Add the following as clause 29.1.6: Honour his obligations in terms of clauses 10.1.5.1.3, 11.4.1 and 12.2. sub clauses 5, 6, 8, 9, 10, 11, 12, 13, 15, 16, 19, 20, 22. |
| 29.7 | Replace clause 29.7 with the following: The employer, on notice to the contractor, may recover damages from the contractor from the date of termination including, but not limited to, additional costs incurred in the completion, consultant cost, rental of alternative accommodation, invitation of completion tenders, salaries of officials and safeguarding the site, of the remaining work [25.3.7; 27.1.3]. |
| 29.9 | Replace clause 29.9 with the following: The employer has the right of recovery against the contractor , where applicable, [CD] from: The guarantee for construction (variable) until the final payment has been made; or The guarantee for construction (fixed) until the date of practical completion; or The payment reduction until the final payment is made; or The cash deposit made as security until the final payment is made. |
| 29.14.1 | No clause. |
| 29.14.3 | No clause. |

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| 29.14.4 | No clause. |
| 29.14.5 | No clause. |
| 29.14.6 | No clause. |
| 29.14.7 | No clause. |
| 29.15 | No clause. |
| 29.16 | No clause. |
| 29.17.3 | No clause. |
| 29.17.6 | No clause. |
| 29.21.5 | No clause. |
| 29.22 | No clause. |
| 29.23 | No clause. |
| 29.25.3 | No clause. |
| 29.25.4 | No clause. |
| 29.27 | No clause. |
| 30.2 | Replace clause 30.2 with the following: Where such disagreement is not resolved within ten (10) working days of receipt of such notice it shall be deemed to be a dispute and shall be submitted to Mediation as a first method of dispute resolution failing which the parties will resort to Litigation. |
| 30.3 to 30.7.7 | No clauses. |
| 30.8 | Replace clause 30.8 with the following: The parties may, by agreement and at any time before Litigation, refer a dispute to mediation, in which event: |
| 30.8.1 | No clause. |
| 30.8.2 | Replace clause 30.8.2 with the following: The appointment of a mediator, the procedure, and the status of the outcome shall be agreed between the parties. |
| 30.8.3 | Replace clause 30.8.3 with the following: Regardless of the outcome of a mediation the parties shall bear their own costs concerning the Mediation and equally share the costs of the mediator and related expenses. |
| 30.9 | Replace clause 30.9 with the following: Institution of Litigation shall be commenced and process served within three (3) year from the date of existence of the dispute, failing which the dispute shall lapse. |
| 30.10 | No clause. |
| 30.12 | No clause. |

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B 19.0 CONTRACT PARTICIPATION GOAL TARGETS AND CIDB B.U.I.L.D. PROGRAMME

The contractor shall achieve in the performance of the contract the following Contract Participation Goals (CPGs) as described in PG-01.2 (EC): Scope of Work and PG-02.2 (EC): Pricing Assumptions and in accordance with the feasibility study, which forms part of the specifications in the CPG Section of the Specification of this contract.

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| (a) | Minimum 30% mandatory Subcontracting to SMMEs in accordance with the Preferential Procurement Policy Framework Act, 2000: Preferential Procurement Regulations, 2017 as published in the Government Gazette Notice No. 40553 of 20 January 2017 – Condition of Tender. (Applicable to all projects above R30 Mil for all class of works categories) | Not applicable |
| (b) | Minimum Targeted Local Manufacturers of Material Contract Participation Goal, in accordance with the cidb Standard for Contract Participation Goals for Targeting Enterprises and Labour through Construction Works Contracts as published in the Government Gazette Notice No. 41237 of 10 November 2017, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract. (Applicable to projects which require 7GB or 7CE cidb grading, i.e. R20 000 001 and above with minimum 6 month construction period) | Applicable |
| (c) | Minimum Targeted Local Building Material Suppliers Contract Participation Goal in accordance with the cidb Standard for Contract Participation Goals for Targeting Enterprises and Labour through Construction Works Contracts as published in the Government Gazette Notice No. 41237 of 10 November 2017, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract. (Applicable to projects which require 7GB or 7CE cidb grading, i.e. R20 000 001 and above with minimum 6 month construction period) | Applicable |
| (d) | Minimum Targeted Local Labour Skills Development Contract Participation Goal in accordance with the cidb Standard for Contract Participation Goals for Targeting Enterprises and Labour through Construction Works Contracts as published in the Government Gazette Notice No. 41237 of 10 November 2017, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract. (Applicable to projects which require Grade 7 to 9 cidb grading, i.e. R20 000 001 and above with minimum 12 month construction period) | Applicable |
| (e) | cidb BUILD Programme: Minimum Targeted Enterprise Development Contract Participation Goal in accordance with the cidb Standard for Indirect Targeting for Enterprise Development through Construction Works Contracts, No 36190 Government Gazette, 25 February 2013, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract. (Applicable to projects which require 7GB or 7CE cidb grading, i.e. R20 000 001 and above with minimum 6 month construction period) | Not applicable |
| (f) | cidb BUILD Programme: Minimum Targeted Contract Skills Development Goal in accordance with the cidb Standard for Developing Skills through Infrastructure Contracts as published in the Government Gazette Notice No. 43495 of 3 July 2020, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract. (Applicable to projects which require cidb Grade 7 and above for all class of works categories, i.e. R20 000 001 and above with minimum 12 month construction period) | Not applicable |
| (g) | DPWI National Youth Service training and development programme (NYS) – Condition of Contract. (Applicable to projects with a minimum contract value R2 Mil and minimum 12 month construction period.) | Not applicable |

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| (h) | Labour Intensive Works – Condition of Contract. (Applicable to all CE projects and all GB projects ≥ R30 million) | Not applicable |
| (i) | | Select |
| (j) | | Select |

PART 2: CONTRACT DATA COMPLETED BY THE TENDERER:

C TENDERER'S SELECTIONS

C 1.0 Securities [11.0]

In respect of contracts with a contract sum up to R1 million, the security to be provided by the contractor to the employer will be a payment reduction of five per cent (5%) of the value certified in the payment certificate (excluding VAT).

In respect of contracts with a contract sum more than R1 million, the security to be provided by the contractor to the employer will be selected by the Contractor as indicated below:

Guarantee for construction: Select Option A, B, C, D or E

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| Option A | cash deposit of 10 % of the contract sum (excluding VAT) |
| Option B | variable construction guarantee of 10 % of the contract sum (excluding VAT) (DPW-10.3 EC) |
| Option C | payment reduction of 10% of the value certified in the payment certificate (excluding VAT) |
| Option D | cash deposit of 5% of the contract sum (excluding. VAT) and a payment reduction of 5% of the value certified in the payment certificate (excluding. VAT) |
| Option E | fixed construction guarantee of 5% of the contract sum (excluding VAT) and a payment reduction of 5% of the value certified in the payment certificate (excluding VAT) (DPW-10.1 EC)] |

NB: Insurances submitted must be issued by either an insurance company duly registered in terms of the Insurance Act [Long-Term Insurance Act, 1998 (Act 52 of 1998) or Short-Term Insurance Act, 1998 (Act 53 of 1998)] or by a bank duly registered in terms of the Banks Act, 1990 (Act 94 of 1990) on the pro-forma referred to above. No alterations or amendments of the wording of the pro-forma will be accepted.

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| Guarantee for payment by employer [11.5.1; 11.10] | Not applicable |
| Advance payment, subject to a guarantee for advance payment [11.2.2; 11.3] | Not applicable |

C 2.0 Payment of preliminaries [25.0]

Contractor's selection

Select Option A or B

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Where the **contractor** does not select an option, Option A shall apply

Payment methods

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| Option A | The preliminaries shall be paid in accordance with an amount prorated to the value of the works executed in the same ratio as the amount of the preliminaries to the contract sum , which contract sum shall exclude the amount of preliminaries . Contingency sum(s) and any provision for cost fluctuations shall be excluded for the calculation of the aforesaid ratio |
| Option B | The preliminaries shall be paid in accordance with an amount agreed by the principal agent and the contractor in terms of the priced document to identify an initial establishment charge, a time-related charge and a final dis-establishment charge. Payment of the time-related charge shall be assessed by the principal agent and adjusted from time to time as may be necessary to take into account the rate of progress of the works |

Lump sum contract

Where the amount of **preliminaries** is not provided it shall be taken as 7.5% (seven and a half per cent) of the **contract sum**, excluding contingency sum(s) and any provision for cost fluctuations.

C 3.0 Adjustment of preliminaries [26.9.4]

Contractor's selection

Select Option A or B

☐

Where the **contractor** does not select an option, Option A shall apply.

Provision of particulars

The **contractor** shall provide the particulars for the purpose of the adjustment of **preliminaries** in terms of his selection. Where completion in **sections** is required, the **contractor** shall provide an apportionment of **preliminaries** per **section**.

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| Option A | An allocation of the preliminaries amounts into Fixed, Value-related and Time-related amounts as defined for adjustment method Option A below, within fifteen (15) working days of the date of acceptance of the tender |
| Option B | A detailed breakdown of the preliminaries amounts within fifteen (15) working days of possession of the site . Such breakdown shall include, inter alia, the administrative and supervisory staff, the use of construction equipment , establishment and dis-establishment charges, insurances and guarantees, all in terms of the programme |

Adjustment methods

The amount of **preliminaries** shall be adjusted to take account of the effect which changes in time and/or value have on **preliminaries**. Such adjustment shall be based on the particulars provided by the **contractor** for this purpose in terms of Options A or B, shall preclude any further adjustment of the amount of **preliminaries** and shall apply notwithstanding the actual employment of resources by the **contractor** in the execution of the **works**.

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| Option A | <p>The preliminaries shall be adjusted in accordance with the allocation of preliminaries amounts provided by the contractor, apportioned to sections where completion in sections is required</p> <p>Fixed - An amount which shall not be varied.</p> <p>Value-related - An amount varied in proportion to the contract value as compared to the contract sum. Both the contract sum and the contract value shall exclude the amount of preliminaries, contingency sum(s) and any provision for cost fluctuations.</p> <p>Time-related - An amount varied in proportion to the number of calendar days extension to the date of practical completion to which the contractor is entitled with an adjustment of the contract value [23.2; 23.3] as compared to the number of calendar days in the initial construction period [26.9.4].</p> |
| Option B | <p>The adjustment of preliminaries shall be based on the number of calendar days extension to the date of practical completion to which the contractor is entitled with an adjustment of the contract value [23.2; 23.3] as compared to the number of calendar days in the initial construction period [26.9.4]. The adjustment shall take into account the resources as set out in the detailed breakdown of the preliminaries for the period of construction during which the delay occurred.</p> |

Failure to provide particulars within the period stated

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| Option A | <p>Where the allocation of preliminaries amounts for Option A is not provided, the following allocation of preliminaries amounts shall apply:</p> <p>Fixed - Ten per cent (10%) Value-related - Fifteen per cent (15%) Time-related - Seventy-five per cent (75%)</p> <p>Where the apportionment of the preliminaries per section is not provided, the categorised amounts shall be prorated to the cost of each section within the contract sum as determined by the principal agent</p> |
| Option B | <p>Where the detailed breakdown of preliminaries amounts for Option B is not provided, Option A shall apply</p> |

Lump sum contract

Where the amount of **preliminaries** is not provided it shall be taken as 7.5% (seven and a half per cent) of the **contract sum**, excluding contingency sum(s) and any provision for cost fluctuations.

C1.3 Form of Guarantee

DPW-10.3 (EC): VARIABLE CONSTRUCTION GUARANTEE - JBCC 2000 PRINCIPAL BUILDING AGREEMENT (EDITION 6.2 OF MAY 2018)

Director-General
Department of Public Works and Infrastructure
Government of the Republic of South Africa

FOR ATTENTION

Babalwa Ntshanyana
Private Bag X9027
Cape Town
8000

Sir,

VARIABLE CONSTRUCTION GUARANTEE FOR THE EXECUTION OF A CONTRACT IN TERMS OF JBCC 2000 (EDITION 6.2 OF MAY 2018)

1. With reference to the contract between _____
_____ (hereinafter referred to as the “**contractor**”) and the Government of the Republic of South Africa, in its Department of Public Works and Infrastructure, (hereinafter referred to as the “**employer**”), Contract/Tender No: **CPT1005/22**, for the **Alterations and additons to 2 existing kitchens within the Parliamentary precinct, incl tiling, sanitary fittings etc, electrical installations, mechanical installation and the replacement of existing Kitchen Equipment and Cold/ Freezer Rooms. One Kitchen is for the supply and instalation of Kitchen Equipment and Cold/ Freezer rooms only.** (hereinafter referred to as the “**contract**” in the amount of R **insert amount, (insert amount in words)** (hereinafter referred as the **contract sum**),

I / We, _____

in my/our capacity as _____ and hereby

representing _____ (hereinafter referred to as the “**guarantor**”) advise that the **guarantor** holds at the **employer’s** disposal the sum of R **insert amount, (insert amount in words)** being 10% of the **contract sum** (excluding VAT), for the due fulfillment of the contract.
2. I / We advise that the **guarantor’s** liability in terms of this guarantee shall be as follows:
 - (a) From and including the date on which this guarantee is issued and up to and including the date of payment of the amount in the last final **payment certificate**, the **guarantor** will be liable in terms of this guarantee to the maximum amount of 10% of the **contract sum** (excluding VAT);
 - (b) The **guarantor’s** liability shall reduce to 3 % of the **contract value** (excluding VAT) as determined at the date of the last **certificate of practical completion**, subject to such amount not exceeding 10% of the **contract sum** (excluding VAT).
 - (c) The **guarantor’s** liability shall reduce to 1 % of the **contract value** (excluding VAT) as determined at the date of the last **certificate of final completion**, subject to such amount not exceeding 10 % of the **contract sum** (excluding VAT).
 - (d) This guarantee shall expire on the date of the last **final payment certificate**.
 - (e) The **practical completion certificate** and the **final completion certificate** referred to in this guarantee shall mean the certificates issued in terms of the contract.

Tender no: **CPT1005/22**

3. The **guarantor** hereby renounces the benefits of the exceptions *non numeratae pecunia; non causa debiti; excussionis et divisionis; and de duobus vel pluribus reis debendi* which could be pleaded against the enforcement of this guarantee, with the meaning and effect whereof I/we declare myself/ourselves to be conversant, and undertake to pay the **employer** the amount guaranteed on receipt of a written demand from the **employer** to do so, stating that the **employer** has a right of recovery against the **contractor** in terms of 33.0 of the contract.
4. Subject to the above, but without in any way detracting from the **employer's** rights to adopt any of the procedures provided for in the contract, the said demand can be made by the **employer** at any stage prior to the expiry of this guarantee.
5. The amount paid by the **guarantor** in terms of this guarantee may be retained by the **employer** on condition that upon the issue of the last **final payment certificate**, the **employer** shall account to the **guarantor** showing how this amount has been expended and refund any balance due to the **guarantor**.
6. The **employer** shall have the absolute right to arrange his affairs with the **contractor** in any manner which the **employer** deems fit and the **guarantor** shall not have the right to claim his release on account of any conduct alleged to be prejudicial to the **guarantor**. Without derogating from the foregoing, any compromise, extension of the construction period, indulgence, release or variation of the **contractor's** obligation shall not affect the validity of this guarantee.
7. The **guarantor** reserves the right to withdraw from this guarantee at any time by depositing the amount guaranteed with the **employer**, whereupon the **guarantor's** liability ceases.
8. This guarantee is neither negotiable nor transferable, and
 - (a) must be surrendered to the **guarantor** at the time when the **employer** accounts to the **guarantor** in terms of clause 5 above, or
 - (b) shall lapse in accordance with clause 2(d) above.
9. This guarantee shall not be interpreted as extending the **guarantor's** liability to anything more than the payment of the amount guaranteed.

SIGNED AT _____ ON THIS _____ DAY OF _____ 20__

AS WITNESS

1. _____

2. _____

Tender no: CPT1005/22

By and on behalf of

(insert the name and physical address of the guarantor)

NAME: _____

CAPACITY: _____
(duly authorised thereto by resolution attached marked Annexure A)

DATE: _____

- A. No alterations and/or additions of the wording of this form will be accepted.**
- B. The physical address of the guarantor must be clearly indicated and will be regarded as the guarantor's *domicilium citandi et executandi*, for all purposes arising from this guarantee.**
- C. This guarantee must be returned to:** _____

DPW-10.1 (EC): FIXED CONSTRUCTION GUARANTEE - JBCC 2000 PRINCIPAL BUILDING AGREEMENT (EDITION 6.2 OF MAY 2018)

Director-General
Department of Public Works and Infrastructure
Government of the Republic of South Africa

FOR ATTENTION

Babalwa Ntshanyana
Private Bag X9027
Cape Town
8000

Sir,

FIXED CONSTRUCTION GUARANTEE FOR THE EXECUTION OF A CONTRACT IN TERMS OF JBCC 2000 (EDITION 6.2 OF MAY 2018)

1. With reference to the contract between _____
_____ (hereinafter referred to as the "**contractor**") and the Government of the Republic of South Africa in its Department of Public Works and Infrastructure (hereinafter referred to as the "**employer**"), Contract/Tender No: CPT1005/22, for the Alterations and additions to 2 existing kitchens within the Parliamentary precinct, incl tiling, sanitary fittings etc, electrical installations, mechanical installation and the replacement of existing Kitchen Equipment and Cold/ Freezer Rooms. One Kitchen is for the supply and instalation of Kitchen Equipment and Cold/ Freezer rooms only. (hereinafter referred to as the "contract") in the amount of R **insert amount, (insert amount in words)**, (hereinafter referred to as the **contract sum**),

I / We, _____

in my/our capacity as _____ and hereby

representing _____ (hereinafter referred to as the "**guarantor**") advise that the **guarantor** holds at the **employer's** disposal the sum of R **insert amount, (insert amount in words)** being 5% of the **contract sum** (excluding VAT), for the due fulfillment of the contract.
2. The **guarantor** hereby renounces the benefits of the exceptions *non numeratae pecunia; non causa debiti; excussionis et divisionis; and de duobus vel pluribus reis debendi* which could be pleaded against the enforcement of this guarantee, with the meaning and effect whereof I/we declare myself/ourselves to be conversant, and undertake to pay the **employer** the amount guaranteed, on receipt of a written demand from the **employer** to do so, stating that the **employer** has a right of recovery against the **contractor** in terms of 33.0 of the contract.
3. Subject to the above, but without in any way detracting from the **employer's** rights to adopt any of the procedures provided for in the contract, the said demand can be made by the **employer**, at any stage prior to the expiry of this guarantee.
4. The amount paid by the **guarantor** in terms of this guarantee may be retained by the **employer** on condition that upon the issue of the last final **payment certificate**, the **employer** shall account to the **guarantor** showing how this amount has been expended and refund any balance due to the **guarantor**.

Tender no: *(Insert Tender Number)*

5. The **employer** shall have the absolute right to arrange his affairs with the **contractor** in any manner which the **employer** deems fit and the **guarantor** shall not have the right to claim his release on account of any conduct alleged to be prejudicial to the **guarantor**. Without derogating from the foregoing, any compromise, extension of the **construction period**, indulgence, release or variation of the **contractor's** obligation shall not affect the validity of this guarantee.
6. The **guarantor** reserves the right to withdraw from this guarantee at any time by depositing the guaranteed amount with the **employer**, whereupon the guarantor's liability ceases.
7. This guarantee is neither negotiable nor transferable, and
 - (a) must be surrendered to the **guarantor** at the time when the **employer** accounts to the **guarantor** in terms of clause 4 above, or
 - (b) shall lapse on the date of the last **certificate of practical completion**.
8. This guarantee shall not be interpreted as extending the **guarantor's** liability to anything more than payment of the amount guaranteed.

SIGNED AT _____ **ON THIS** _____ **DAY OF**
_____ **20**_____

AS WITNESS

1. _____
2. _____

By and on behalf of

(insert the name and physical address of the guarantor)

NAME: _____

CAPACITY: _____
(duly authorised thereto by resolution attached marked Annexure A)

DATE: _____

- A. **No alterations and/or additions of the wording of this form will be accepted.**
- B. **The physical address of the guarantor must be clearly indicated and will be regarded as the guarantor's *domicilium citandi et executandi*, for all purposes arising from this guarantee.**
- C. **This GUARANTEE must be returned to:** _____

Part C2: Pricing Data

C2.1 Pricing Instructions

PG-02.2 (EC) PRICING ASSUMPTIONS - JBCC 2000 PRINCIPAL BUILDING AGREEMENT (Edition 6.2 of May 2018)

| | | | | |
|-------------------------------|--|----------------|--------|----------------------|
| Project title: | CAPE TOWN: PARLIAMENTARY PRECINCT: UPGRADING AND RECONFIGURATION OF VARIOUS KITCHENS INCLUDING REPLACEMENT OF EQUIPMENT AND ASSOCIATED WORKS | | | |
| Tender / Quotation no: | CPT1005/22 | WCS no: | 054967 | Reference no: |

C2.1 Pricing Assumptions

C2.1.1 BILLS OF QUANTITIES / LUMP SUM DOCUMENT

The **bills of quantities / lump sum document** forms part of and must be read and priced in conjunction with all the other documents forming part of the **contract documents**, the Standard Conditions of Tender, Conditions of Contract, Specifications, Drawings and all other relevant documentation.

The prices and rates to be inserted by the Tenderer in the Bill of Quantities shall be the full inclusive prices to be paid by the Employer for the work described under the several items, and shall include full compensation for all cost and expenses that may be required in and for the completion and maintenance during the defects liability period of all the work described and as shown on the drawings as well as all overheads, profits, incidentals and the cost of all general risks, liabilities and obligations set forth or implied in the documents on which the Tender is based.

Each item shall be priced and extended to the "Total" column by the Tenderer, with the exception of the items for which only rates are required, or items which already have Prime Cost or Provisional Sums affixed thereto. If the Contractor omits to price any items in the Bill of Quantities, then these items will be considered to have a nil rate or price.

No alterations, erasures, omissions or additions is to be made in the text and/or conditions of these Bills of Quantities. Should any such alterations, amendments, note/s or addition be made, the same will not be recognized, but reading of these Bills of Quantities as originally prepared by the Quantity Surveyor will be adhered to.

The contractor is cautioned that the use of any quantities appearing in these Bills of Quantities for the purpose of ordering material, it is done at own risk and no liability whatsoever will be admitted by the Employer or Quantity Surveyor for the correctness of such Quantities. Unless otherwise stated, items are measured net in accordance with the drawings, and no allowance is made for waste.

The prices and rates to be inserted by the Tenderer in the Bills of Quantities shall be the full inclusive prices to be paid by the Employer for the work described. Such prices and rates shall cover all costs and expenses that may be required in and for the execution of the work described, and shall cover the cost of all general risks, liabilities, and obligations set forth or implied in the documents on which the tender is based, as well as overhead charges and profit. Market related prices shall be inserted as these will be used as a basis for assessment of payment for additional work that may have to be carried out. The Employer reserves the right to balance the Bill rates where deemed necessary within the Tendered Amount.

A price or rate is to be entered against each item in the Bills of Quantities, whether the quantities are stated or not. An item against which no rate is/are entered, or if anything other than a rate or a nil rate (for example, a zero, a dash or the word "included" or abbreviations thereof) is entered against an item, it will also be regarded as a nil rate having been entered against that item, i.e. that there is no charge for that item. The Tenderer may be requested to clarify nil rates, or items regarded as having nil rates; and the Employer may also perform a risk analysis with regard to the reasonableness of such rates.

**PG-02.2 (EC) PRICING ASSUMPTIONS - JBCC 2000
PRINCIPAL BUILDING AGREEMENT (Edition 6.2 of May 2018)**

Should the full intent and meaning of any description not be clear, the bidder shall, before submission of his tender, call for a written directive from the principal agent, failing which it shall be assumed that the contractor has allowed in his pricing for materials and workmanship in terms of National Best Practice.

All items for which terminology such as “inclusive” or “not applicable” have been added by the Tenderer will be regarded as having a nil rate which shall be valid irrespective of any change in quantities during the execution of the Contract.

The Tenderer is required to check the Bills of Quantities and the numbers of the pages and should any be found to be missing or in duplicate, or should any of the typing be indistinct, or any doubt of obscurity arise as to the meaning of any description or particulars of any item, or if this Tender Enquiry contains any obvious errors, then the Tenderer must immediately inform the Principal Agent and have them rectified or explained in writing as the case may be. No liability whatsoever will be admitted by reason of the Contractor having failed to comply with the foregoing instruction.

The contractor is cautioned that the use of any quantities appearing in these Bills of Quantities for the purpose of ordering material, it is done at own risk and no liability whatsoever will be admitted by the Employer or Quantity Surveyor for the correctness of such Quantities. Unless otherwise stated, items are measured net in accordance with the drawings, and no allowance is made for waste.

No alterations, erasures, omissions, or additions are allowed to be made to the text and/or conditions contained in these Bills of Quantities. If any such alteration, amendment, note or addition is made, it will not be recognised and the Bills of Quantities will be deemed to be as originally drawn up by the Quantity Surveyor.

A price or rate is to be entered against each item in the Bills of Quantities, whether the quantities are stated or not. An item against which no rate is/are entered, or if anything other than a rate or a nil rate (for example, a zero, a dash or the word “included” or abbreviations thereof) is entered against an item, it will also be regarded as a nil rate having been entered against that item, i.e. that there is no charge for that item. The Tenderer may be requested to clarify nil rates, or items regarded as having nil rates; and the Employer may also perform a risk analysis with regard to the reasonableness of such rates.

All items for which terminology such as “inclusive” or “not applicable” have been added by the Tenderer will be regarded as having a nil rate which shall be valid irrespective of any change in quantities during the execution of the Contract.

The Tenderer shall fill in rates for all items where the words “rate only” appear in the “Total” column. “Rate Only” items have been included where:

- (a) variations of specified components in the make-up of a pay item may be expected; and
- (b) no work under the item is foreseen at tender stage but the possibility that such work may be required is not excluded.

For ‘Rate Only’ items no quantities are given in the “Quantity” column but the quoted rate shall apply in the event of work under this item being required. The Tenderer shall however note that in terms of the Tender Data the Tenderer may be asked to reconsider any such rates which the Employer may regard as unbalanced.

Descriptions in the Bills of Quantities are abbreviated and comply generally with those in the “PW 371” and the principles contained in the latest version of the Standard System for Measuring Builders’ Work in South Africa. It is the intention that the abbreviated descriptions be fully described when read with the applicable measuring system and the relevant preambles and/or specifications. However, should the full intent and meaning of any description not be clear, the bidder shall, before submission of his tender, call for a written directive from the principal agent, failing which it shall be assumed that the contractor has allowed in his pricing for materials and workmanship in terms of National Best Practice.

**PG-02.2 (EC) PRICING ASSUMPTIONS - JBCC 2000
PRINCIPAL BUILDING AGREEMENT (Edition 6.2 of May 2018)**

The price quoted against each item of this Bills of Quantities shall cover the full inclusive cost of the complete work to which it refers, as described in the Conditions of Contract and Specifications and as shown on the Drawings and shall allow for labour, material, transporting, loading, storage, supervision, commissioning, wastage, as well as the builders profit and attendance.

The Tenderer must ensure that he fully completes all columns of the Bill of Quantities including the Final Summary. The fully priced bill of quantities must be submitted with the tender or The Final Summary and the Section Summary pages MUST be returned with the tender document as indicated the PA-03 Notice and Invitation to Tender / PA-04 Notice and Invitation for quotation.

The tenderers are to ensure that they have read and understood the project specifications included in C3: Scope of Work. All the information provided in the Scope of Works form part of the work and must be included in the rates.

“The Contractor shall be deemed to have inspected and examined the Site and its surroundings and information available in connection therewith and to have satisfied himself before submitting his tender (as far as is practicable) as to:

- (a) the form and nature of the Site and its surroundings, including subsurface conditions,
- (b) the hydrological and climatic conditions,
- (c) the extent and nature of work and materials necessary for the execution and completion of the Works,
- (d) the means of access to the Site and the accommodation he may require

and, in general, shall be deemed to have obtained all information (as far as is practicable) as to risks, contingencies and all other circumstances which may influence or affect his Tender”

C2.1.2 VALUE ADDED TAX

The contract sum must include for Value Added Tax (VAT). All rates, provisional sums, etc. in the bills of quantities / lump sum document shall be in Rands and cents and shall include all levies and taxes (other than VAT). VAT will be added in the summary of the Bill of Quantities. The rates must however be net (exclusive of VAT) with VAT calculated and added to the total value thereof in the Final Summary. All rates and amounts quoted in the Bill of Quantities

C2.1.3 CORRECTION OF ENTRIES

Incorrect entries shall not be erased or obliterated with correction fluid but must be crossed out neatly. The correct figures must be entered above or adjacent to the deleted entry, and the alteration must be initialled by the Tenderer.

C2.1.4 ARITHMETICAL ERRORS

Arithmetical errors found in the Bill of Quantities as a result of faulty multiplication of addition, will be corrected by the Engineer at the tender evaluation stage, as set out in the Tender Data.

C2.1.5 TRADE NAMES

Tenderers attention is drawn to the fact that wherever trade names or references to any catalogue have been made in these Bills of Quantities, it is purely to establish a standard for the required material. If use is made of any other equally approved material in lieu of the prescribed trade name or catalogue, the necessary price adjustments will be made.

**PG-02.2 (EC) PRICING ASSUMPTIONS - JBCC 2000
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C2.1.6 CONTRACT DOCUMENTS

The Tenderers are advised to examine the bills of quantities, drawings and specifications including all other contract documents and make themselves thoroughly acquainted with the nature and requirements of the work, as no claim for extra payment in this regard will be entertained. Should any parts of the drawings not be clearly intelligible to the Tender, he must, before submitting his tender, obtain clarification from the Principal Agent.

C2.1.7 FIXED PRICE CONTRACT

Tenderers are to take note that contract price adjustments **are not applicable** to this contract. Tenderers should therefore make provision in the **contract sum**, schedule of rates, etc., for possible price increases during the contract period, as no claims in this regard shall be entertained.

C2.1.8 PAYMENTS

Interim valuations and payments will be prepared on a monthly basis, all in terms of the conditions of contract.

The contractor is to note that no payment will be made for materials stored off site and in the case of materials being stored on site, payment will only be made for such materials on condition that they have not been delivered to the site prematurely, a tax invoice and proof of payment (ownership) is submitted by the Contractor.

C2.1.9 ACCOMMODATION ON SITE

It is imperative to note that no living quarters for construction workers on site will not be permitted for the full duration of the contract unless otherwise stated in the contract data or permission be granted by the Employer.

C2.1.10 LOCAL MATERIAL UTILISATION REPORT (LOCAL CONTENT)

Bidders to note that materials procured for the works should be from South African manufactures and suppliers. Imported materials shall only be considered under exceptional circumstances, based on compelling technical justifications, and subject to the approval by the NDPWI.

The contractor shall achieve in the performance of this contract the prescribed local content deliverables as listed in PA36 and annexures C thereto in the respective designated sectors as published by Department Trade Industry and Competition (DTIC). The Service Provider shall submit an accumulative monthly report to the Employer's representative indicating the percentage targets achieved which must be reconciled upon completion of the project and to form part of the final account.

The contractor shall be responsible for record keeping, documenting and submission of monthly local material utilization report with supporting documentation to the Employer's representative within 7 working days of the beginning of the successive month, in terms of DTIC designated industry/sector/sub-sector schedule as per the PA36 and Annexures C attached to the tender document. The final percentage achievement to be reconciled upon completion of the project and form part of the final account.

Failure by the contractors to achieve the specified percentage of local content per designated industry/sector/sub-sector as listed will result in a thirty percent thirty percent (30%) penalty of the value not achieved, excluding VAT, unless the contractor can prove to the Employer's satisfaction that the non-achievement was beyond his/her control. Allowance must be made for submitting monthly reports illustrating the value of local material utilisation report.

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PRINCIPAL BUILDING AGREEMENT (Edition 6.2 of May 2018)**

C2.1.11 CONTRACT PARTICIPATION GOALS AND CIDB BUILD PROGRAMME

The contractor shall achieve in the performance of this contract the following Contract Participation Goals (CPGs) as indicated below:

Provision for pricing of compliance with the achieving the CPGs is made in the Contract Participation Goal Section of the Bills of Quantities and it is explicitly pointed out that all requirements in respect of the aforementioned are deemed to be priced thereunder and no additional claims in this regard shall be entertained

Monthly progressive reports to be submitted to the Employer's representative indicating the percentage targets achieved which must be reconciled upon completion of the project and to form part of the final account.

C2.1.11.1 MINIMUM THIRTY PERCENT 30% SUB-CONTRACTING CONTRACT PARTICIPATION GOAL

**MINIMUM THIRTY PERCENT (30%) MANDATORY SUBCONTRACTING TO SMMEs:
IMPLEMENTATION OF PREFERENTIAL PROCUREMENT REGULATIONS 2017**

30% Mandatory subcontracting is *Not Applicable* to this project.

Provision is made within the Contract Participation Goal section in the Bill of Quantities for thirty percent (30%) subcontracting to SMMEs in the execution of this project as described in PG-01.2 (EC) SCOPE OF WORKS C3.6.1. The contractor shall price his Profit and Attendance, all inclusive of associated costs to the contractor for implementation. Allowance must be made for submitting reports to the Employer's Representative on a monthly basis in terms of monthly and accumulative targets achieved with audited supporting documentation.

C2.1.11.2 MINIMUM TARGETED LOCAL BUILDING MATERIAL MANUFACTURERS CONTRACT PARTICIPATION GOAL

The Minimum Targeted Local Building Material Manufacturers CPG is *Not Applicable* to this project.

Provision is made within the Contract Participation Goal section in the Bill of Quantities for the Minimum Targeted Local Building Material Manufacturers CPG in the execution of this project as described in PG-01.2 (EC) SCOPE OF WORKS C3.6.2. The contractor shall price his Profit and Attendance, all inclusive of associated costs to the contractor for implementation. Allowance must be made for submitting reports to the Employer's Representative on a monthly basis in terms of monthly and accumulative targets achieved with audited supporting documentation.

C2.1.11.3 MINIMUM TARGETED LOCAL BUILDING MATERIAL SUPPLIERS CONTRACT PARTICIPATION GOAL

The Minimum Targeted Local Building Material Suppliers CPG is *Not Applicable* to this project.

Provision is made within the Contract Participation Goal section in the Bill of Quantities for the Minimum Targeted Local Building Material Suppliers CPG in the execution of this project as described in PG-01.2 (EC) SCOPE OF WORKS C3.6.3. The contractor shall price his Profit and Attendance, all inclusive of associated costs to the contractor for implementation. Allowance must be made for

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submitting reports to the Employer's Representative on a monthly basis in terms of monthly and accumulative targets achieved with audited supporting documentation.

C2.1.11.4 MINIMUM TARGETED LOCAL LABOUR SKILLS DEVELOPMENT CONTRACT PARTICIPATION GOAL

The Minimum Targeted Local Labour Skills Development CPG is *Not Applicable* to this project.

Provision is made within the Contract Participation Goal section in the Bill of Quantities for the Minimum Targeted Local Labour Skills Development CPG in the execution of this project as described in PG-01.2 (EC) SCOPE OF WORKS C3.6.4. The contractor shall price his Profit and Attendance, all inclusive of associated costs to the contractor for implementation. Allowance must be made for submitting reports to the Employer's Representative on a monthly basis in terms of monthly and accumulative targets achieved with audited supporting documentation.

C2.1.11.5 CIDB BUILD PROGRAMME: MINIMUM TARGETED ENTERPRISE DEVELOPMENT: CONTRACT PARTICIPATION GOALS (CPG)

The Minimum Targeted Enterprise Development CPG is *Not Applicable* to this project.

A provisional amount has been allowed for within the Contract Participation Goal section in the Bill of Quantities for the Minimum Targeted Enterprise Development CPG in the execution of this project as described in PG-01.2 (EC) SCOPE OF WORKS C3.6.5. The provisional amount allowed is for the appointment of training coordinator, mentor, training service providers and training of the beneficiary enterprises.

The contractor shall price his Profit and Attendance, all inclusive of associated costs to the contractor for implementation. Allowance must be made for submitting reports to the Employer's Representative on a monthly basis in terms of monthly and accumulative targets achieved with audited supporting documentation.

The contractor shall complete a separate bill of quantities upon the award of the project and identification of the respective beneficiaries and the appointment of the training coordinator, mentor, training service providers of which the cost will be offset against the provisional amount allowed in the Bills of Quantities.

C2.1.11.6 CIDB BUILD PROGRAMME: MINIMUM TARGETED CONTRACT SKILLS DEVELOPMENT GOALS (CSDG)

The Minimum Targeted Contract Skills Development CPG is *Not Applicable* to this project.

A provisional amount has been allowed for within the Contract Participation Goal section in the Bill of Quantities for the Minimum Targeted Skills Development CPG in the execution of this project as described in PG-01.2 (EC) SCOPE OF WORKS C3.6.6. The provisional amount allowed is for:

- stipends payable to the beneficiaries
- appointment of training coordinator
- appointment of mentor (where applicable)
- appointment of training service providers
- other additional costs as per table 3 of the Standard

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The contractor shall price his Profit and Attendance (all inclusive of associated costs to the contractor for implementation and reporting), based on the provisional amount in the Contract Participation Goal section in the Bill of Quantities. The contractor shall complete a separate bill of quantities upon the award of the project and identification of the respective beneficiaries. The CPG value to be achieved will be based on the actual contract amount which will be offset against the provisional amount allowed for within the Contract Participation Goal section in the Bill of Quantities.

Allowance must be made for submitting reports to the Employer's Representative on a monthly basis in terms of monthly and accumulative targets achieved with audited supporting documentation.

Payment

The contractor shall upon the appointment of beneficiaries, provide a breakdown of all the associated costs. The contractor shall provide a payment schedule as to how the CPG costs will be claimed against for inclusion in the monthly payment certificates.

(a) Payment to the contractor to accommodate Part/Full Occupational qualification and Trade qualifications;

Should the contractor select Part/Full Occupational qualification and Trade qualifications learners, then the employer shall make provision for payment to the contractor as indicated in Table 3 of the Standard.

The contract skills participation goal, expressed in Rand, shall not be less than the contract amount multiplied by a percentage (%) factor given in Table 2 in the Standard for the applicable class of construction works. Should the contractor select Part/Full Occupational qualification and Trade qualifications learners, then the employer shall make provision for payment to the contractor as indicated in Table 3 of the Standard.

No provision for an additional payment item for the payment of the supervisor and/or mentors for the provision of training as provided for in the Contract Participation Goal section in the Bill of Quantities for the training of part/full time occupational learners and/or trade qualification learners. The associated cost is deemed to be included in general supervision on site.

The contractor shall complete a separate bill of quantities upon award, indicating the type and number of beneficiaries as well as the associated Notional Cost of Training to be provided, on which payment will be based.

(b) Payment to the contractor to accommodate Work Integrated Learners and Candidates for professional registration;

Should the contractor select Work Integrated Learners and/or Candidates for professional registration, then the employer shall make provision for payment to the contractor as indicated in Table 3 of the Standard.

Provisional amounts have been included in the Contract Participation Goal section in the Bill of Quantities for the training of Work Integrated Learners and Candidates for professional registration. The contractor shall price his Profit and Attendance (all inclusive of associated costs to the contractor for implementation and reporting), based on the provisional amount in the Contract Participation Goal section in the Bill of Quantities.

The contractor shall complete a separate bill of quantities upon award, indicating the type and number of beneficiaries as well as the associated Notional Cost of Training to be provided, on which payment will be based.

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The CPG value to be achieved will be based on the contract amount as defined by the Standard, which will be offset against the provisional amount allowed for within the Contract Participation Goal section in the Bill of Quantities.

The contractor shall apportion the cost of accommodating work integrated learners (P1 and P2 learners) and candidates for professional registration by using Table 3 in the Standard and this cost will be used to determine the Rand value and will be used in determining the contract participation goal in the Bills of Quantities.

Table 3: Notional Cost of Training; Headcount

Source: cidb Standard for Skills Development

| Type of Training Opportunity | Provision for stipends (Unemployed learners only) | Provisions for mentorship | Provisions for additional costs* | Total costs | |
|--------------------------------------|---|---------------------------|----------------------------------|---------------------|-------------------|
| | | | | Unemployed learners | Employed learners |
| Method 1 | | | | | |
| Occupational qualification | R7 000 | R0 | R9 000 | R16 000 | R9 000 |
| Method 2 | | | | | |
| TVET College graduates | R14 000 | R0 | R9 000 | R23 000 | N/A |
| Apprenticeship | R14 000 | R0 | R12 000 | R26 000 | R12 000 |
| Method 3 | | | | | |
| P1 and P2 learners | R24 000 | R20 000 | R4 500 | R48 500 | N/A |
| Method 4 | | | | | |
| Candidates with a 3 year diploma | R37 000 | R20 000 | R4 500 | R61 500 | R20 000 |
| Candidates with 4 year qualification | R47 000 | R20 000 | R4 500 | R71 500 | R20 000 |

Note: the required CPG will be recalculated based on the awarded tender amount and "Contract amount" once the beneficiaries have been appointed and actual costs are known. The notional cost of providing training opportunities will increase by CPI on an annual basis based on April CPI. Should the rates increase after bid award or during construction the rates will be adjusted as a remeasuarble item.

Example: Training Target Calculation for a R65,7m GB contract

| | |
|---------------------|--|
| Contract amount | R65 700 000 |
| Contract duration | 12 Months |
| CSDG factor | 0,50% |
| Minimum CSDG target | 0,50% x R65 700 000 = R328 500 (Minimum requirement) |

Table 4: Notional cost recalculation upon appointment of beneficiaries

| Skills Types | Number of learners | Notional Cost / Learner / Quarter | Notional cost/learner/year | Total Notional Cost over 12 months Contract |
|--|--------------------|-----------------------------------|----------------------------|---|
| Method 2: Workplace learning opportunities, with unemployed TVET graduates | 1 | R23 000 | R92 000 | R92 000 |
| Method 3: Candidacy for an unemployed learner with a 3-year qualification | 1 | R61 500 | R246 000 | R246 000 |
| Total | 2 | | | R338 000 |

C2.1.11.7 NATIONAL YOUTH SERVICE TRAINING AND DEVELOPMENT PROGRAMME

**PG-02.2 (EC) PRICING ASSUMPTIONS - JBCC 2000
PRINCIPAL BUILDING AGREEMENT (Edition 6.2 of May 2018)**

The National Youth Service Training and Development Programme is *Not Applicable* to this project.

The programme shall be implemented in terms of the Implementation of the National Youth Service Programme under the Expanded Public Works (EPWP) and shall be priced in the CPG section of the Bills of Quantities.

Provision has been made within the Contract Participation Goal section in the Bill of Quantities for the National Youth Service Training and Development Programme CPG in the execution of this project as described in PG-01.2 (EC) SCOPE OF WORKS C3.6.7. The contractor to price all elements of this section and allowance must be made for submitting monthly reports in the prescribed manner as per examples of reports bound in the specification document.

C2.1.11.8 LABOUR-INTENSIVE WORKS

Labour Intensive Works is *Not Applicable* to this project.

Where labour intensive work is specified in the Bill of Qualities and indicated by "LI" the contractor must price for and include in rates. Contractors are expected to use their initiative to identify additional activities that can be done labour-intensively to comply with the set minimum labour intensity target. Allowance must be made for submitting monthly reports illustrating the value of the works executed under Labour Intensive Works.

C2.2 Submission of Accrual Reports

The Contractor shall submit accrual reports to the client representative at the end of March and September each year for the duration of the Service Contract period from the date of appointment up to and including project closeout. This is to ensure that PMTE complies with the accounting framework GRAP, which requires that PMTE disclose all its accruals as at the end of each reporting date. Allowance must be made for submitting reports to the Employer's Representative on a monthly basis in terms of monthly and accumulative targets achieved with audited supporting documentation.

Preliminaries

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**SECTION NO. 1
BILL NO. 1
PRELIMINARIES**

BASIS OF THE CONTRACT

The basis of the Contract shall be the 'Contract Documents' as defined in the JBCC Principal Building Agreement, incorporating the following:

- a) The drawings and Bills of Quantities
- b) The JBCC Edition 6.2 dated May 2018 of the Principal Building Agreement as prepared by the Joint Building Contracts Committee and recommended by the JBCC Constituents.
- c) The JBCC General Preliminaries dated May 2018 for use with the Principal Building Agreement as recommended and published by the Joint Building Contracts Committee shall be deemed to be incorporated in this project specific preliminaries, amended hereinafter described.
- d) The General Preambles for Trades 2017 as recommended and published by the Association of South African Quantity Surveyors shall be deemed to be incorporated in these bills of quantities and no claims arising from brevity of description of items fully described in the said Model Preambles will be entertained.
- e) Supplementary preambles and/or specifications are incorporated in these bills of quantities to satisfy the requirements of this project. Such supplementary preambles and/or specifications shall take precedence over the provisions of the Model Preambles

Tenderers are referred to the above-mentioned documents for the full intent and meaning of each clause thereof, for which such allowance shall be made as may be considered necessary.

Where standard clauses or alternatives are not entirely applicable to this Contract, such modifications, corrections or supplements as will apply are given under each relevant clause heading and such modifications, corrections or supplements, shall take precedence, notwithstanding

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anything to the contrary contained in the abovementioned documents.

Where any item is not relevant to this specific Contract, such item is marked 'Not Applicable'.

No claim whatsoever shall be entertained in respect of errors or omissions in pricing due to brevity of descriptions of items, which are fully described when read in conjunction with the relevant clauses of the said principal building agreement, preliminaries and preambles.

Allowance is made opposite each of the clauses for whatever costs and charges necessary for the carrying out, complying with and due observance of the provisions, conditions and requirements set out herein. Only priced items will be considered in respect of any adjustment of this section. Any items left unpriced will be understood to be provided free of charge and no claim for any extras arising out of the omission to price any item will be entertained.

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| A1 | <p><u>SECTION A : JBCC PRINCIPAL BUILDING AGREEMENT</u></p> <p><u>Interpretation (A1 - A7)</u></p> <p>Definitions and interpretation as clause 1.</p> <p>Pricing of bills of quantities</p> <p>The contractor is to allow opposite each item for all costs in connection therewith. All prices to include, unless otherwise stated, for all materials, fabrication, conveyance and delivery, unloading, storing, unpacking, hoisting, labour, setting, fitting and fixing in position, cutting and waste (except where to be measured in accordance with the standard system of measurement), patterns, models and templates, plant, temporary works, returning of packaging, duties, taxes (other than Value Added Tax), imposts, establishment charges, overheads, profit and all other obligations arising out of this agreement. Value Added Tax (VAT) is to be separately stated on the summary page of these bills of quantities</p> <p>Items left unpriced will be deemed to be covered in prices against other items throughout these bills of quantities and no claim for any extras arising out of the contractor's omission to price any item will be entertained</p> <p>Prices for all construction equipment, temporary works, services and other items shall include for the supply, maintenance, operating cost and subsequent removal and making good as necessary</p> <p>Abbreviated descriptions</p> <p>The items in these bills of quantities utilise abbreviated descriptions. It is the intention that the abbreviated descriptions be fully described when read with the applicable measuring system and the relevant preambles and/or specifications. However, should the full intent and meaning of any description not be clear, the contractor shall, before submission of his tender, call for a written directive from the principal agent, failing which it shall be assumed that the contractor has allowed in his pricing for</p> | | |
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| | <p>materials and workmanship in terms of international best practice</p> <p>Legal status of contractor</p> <p>If the contractor constitutes a joint venture, consortium or other unincorporated grouping of two or more persons then:</p> <p>1. These persons are deemed to be jointly and severally liable to the employer for the performance of this agreement</p> <p>2. These persons shall notify the employer of their leader who has assigned authority to bind the contractor and each of these persons</p> <p>3. The contractor shall not alter its composition or legal status without the prior written consent of the employer</p> <p>F:..... V:..... T:.....</p> | <u>Item</u> | | |
| A2 | <p>Law, regulations and notices as clause 2.</p> <p>F:..... V:..... T:.....</p> | <u>Item</u> | | |
| A3 | <p>Offer and acceptance as clause 3.</p> <p>F:..... V:..... T:.....</p> | <u>Item</u> | | |
| A4 | <p>Cession and assignment as clause 4.</p> <p>F:..... V:..... T:.....</p> | <u>Item</u> | | |
| A5 | <p>Documents as clause 5.</p> <p>Value Added Tax</p> <p>Provision is made in the summary page of these bills of quantities for the inclusion of Value Added Tax (VAT)</p> | | | |
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| F:..... V:..... T:..... | | Item | |
| A6 | Employer's agents as clause 6. | | |
| | Delegated authority | | |
| | The authority of the principal agent to issue contract instructions [17.1] and perform duties for specific aspects of the works is delegated to agents as follows [6.2]. This does not preclude the principal agent from issuing such contract instructions : | | |
| | 1. <u>Architect</u> | | |
| | 1.1 Duties [6.2] : | | |
| | The architect is responsible for the architectural design, functional design and quality inspection of the works | | |
| | 1.2 Contract instructions [6.2; 17.1] : | | |
| | 1.2.1 Rectification of discrepancies, errors in description or quantity or omission of items in the agreement other than in the JBCC Principal Building Agreement | | |
| | 1.2.2 Alteration to design, standards or quantity of the works provided that such contract instructions shall not substantially change the scope of the works | | |
| | 1.2.3 The site [13.0] | | |
| 1.2.4 Compliance with the law , regulations and bylaws [2.1] | | | |
| 1.2.5 Provision and testing of samples of materials and goods and/or of finishes and assemblies of elements of the works | | | |
| 1.2.6 Opening up of work for inspection, removal or re-execution [23.2.4; 26.4.2] | | | |
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| 1.2.7 | Removal or re-execution of work | | |
| 1.2.8 | Removal or substitution of any materials and goods | | |
| 1.2.9 | Protection of the works | | |
| 1.2.10 | Making good physical loss and repairing damage to the works [23.2.2] | | |
| 1.2.11 | Rectification of defects [21.2] | | |
| 1.2.12 | A list for practical completion specifying outstanding or defective work to be rectified to achieve practical completion , a list for completion and a list for final completion specifying outstanding or defective work to be rectified to achieve final completion | | |
| 1.2.13 | Expenditure of budgetary allowances, prime cost amounts and provisional sums | | |
| 1.2.14 | Access by other or previous contractor to remedy effective work | | |
| 1.2.15 | Appointment of a subcontractor [14.0; 15.0] | | |
| 1.2.16 | Work by direct contractors [16.0] | | |
| 1.2.17 | On suspension or termination, protection of the works , removal of construction equipment and surplus materials and goods [29.0] | | |
| 2. <u>Quantity surveyor</u> | | | |
| 2.1 Duties [6.2] : | | | |
| The quantity surveyor is responsible for all measurements, valuations, financial assessments and all other quantity surveying and cost control functions of the works | | | |
| 2.2 Contract instructions [6.2; 17.1] : | | | |
| 2.2.1 | No contract instructions shall be delegated to the quantity surveyor | | |
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| <p>2.2.2 Rectification of discrepancies, errors in descriptions or omissions in contract documents other than this agreement</p> <p>2.2.3 Alteration to design, standards or quantity of the works provided that such contract instructions shall not substantially change the scope of the works</p> <p>3. <u>Civil and structural engineer</u></p> <p>3.1 Duties [6.2] :</p> <p>The civil and structural engineer is responsible for all aspects of civil and structural engineering design and quality inspection of the works</p> <p>3.2 Contract instructions [6.2; 17.1] :</p> <p>3.2.1 Rectification of discrepancies, errors in description or quantity or omission of items in the agreement other than in the JBCC Principal Building Agreement</p> <p>3.2.2 Alteration to design, standards or quantity of the works provided that such contract instructions shall not substantially change the scope of the works</p> <p>3.2.3 The site [13.0]</p> <p>3.2.4 Compliance with the law, regulations and bylaws [2.1]</p> <p>3.2.5 Provision and testing of samples of materials and goods and/or of finishes and assemblies of elements of the works</p> <p>3.2.6 Opening up of work for inspection, removal or re-execution [23.2.4; 26.4.2]</p> <p>3.2.7 Removal or re-execution of work</p> | |
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| <p>3.2.8 Removal or substitution of any materials and goods</p> <p>3.2.9 Protection of the works</p> <p>3.2.10 Making good physical loss and repairing damage to the works [23.2.2]</p> <p>3.2.11 Rectification of defects [21.2]</p> <p>3.2.12 A list for practical completion specifying outstanding or defective work to be rectified to achieve practical completion, a list for completion and a list for final completion specifying outstanding or defective work to be rectified to achieve final completion</p> <p>4. <u>Mechanical engineer</u></p> <p>4.1 Duties [6.2] :</p> <p>The mechanical engineer is responsible for all aspects of mechanical engineering design and quality inspection of the works</p> <p>4.2 Contract instructions [6.2; 17.1] :</p> <p>4.2.1 Rectification of discrepancies, errors in description or quantity or omission of items in the agreement other than in the JBCC Principal Building Agreement</p> <p>4.2.2 Alteration to design, standards or quantity of the works provided that such contract instructions shall not substantially change the scope of the works</p> <p>4.2.3 Compliance with the law, regulations and bylaws [2.1]</p> <p>4.2.4 Provision and testing of samples of materials and goods and/or of finishes and assemblies of elements of the works</p> <p>4.2.5 Opening up of work for inspection, removal or re-execution [23.2.4; 26.4.2]</p> | |
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| 4.2.6 | Removal or re-execution of work | | |
| 4.2.7 | Removal or substitution of any materials and goods | | |
| 4.2.8 | Protection of the works | | |
| 4.2.9 | Making good physical loss and repairing damage to the works [23.2.2] | | |
| 4.2.10 | Rectification of defects [21.2] | | |
| 4.2.11 | A list for practical completion specifying outstanding or defective work to be rectified to achieve practical completion , a list for completion and a list for final completion specifying outstanding or defective work to be rectified to achieve final completion | | |
| 4.2.12 | Expenditure of budgetary allowances, prime cost amounts and provisional sums | | |
| 4.2.14 | Appointment of a subcontractor [14.0; 15.0] | | |
| 4.2.15 | Termination of a nominated n/s subcontract agreement [27.2.8] | | |
| 4.2.16 | Work by (a) direct contractor(s) [16.0] | | |
| 4.2.17 | Access by other or previous contractors to remedy defective work | | |
| 4.2.18 | Removal from the site of any person employed on the works | | |
| 4.2.19 | Removal from the site of any person not engaged on or connected with the works | | |
| 4.2.20 | On termination, protection of the works, removal of construction equipment and surplus materials and goods [29.0] | | |
| 5. <u>Electrical engineer</u> | | | |
| 5.1 Duties [6.2] : | | | |
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The electrical engineer is responsible for all aspects of electrical engineering design and quality inspection of the **works**

5.2 Contract instructions [6.2; 17.1] :

5.2.1 Rectification of discrepancies, errors in description or quantity or omission of items in the **agreement** other than in the **JBCC** Principal Building Agreement

5.2.2 Alteration to design, standards or quantity of the **works** provided that such **contract instructions** shall not substantially change the scope of the **works**

5.2.3 Compliance with the **law**, regulations and bylaws [2.1]

5.2.4 Provision and testing of samples of **materials and goods** and/or of finishes and assemblies of elements of the **works**

5.2.5 Opening up of work for inspection, removal or re-execution [23.2.4; 26.4.2]

5.2.6 Removal or re-execution of work

5.2.7 Removal or substitution of any **materials and goods**

5.2.8 Protection of the **works**

5.2.9 Making good physical loss and repairing damage to the **works** [23.2.2]

5.2.10 Rectification of **defects** [21.2]

5.2.11 A **list for practical completion** specifying outstanding or defective work to be rectified to achieve **practical completion**, a **list for completion** and a **list for final completion** specifying outstanding or defective work to be rectified to achieve **final completion**

5.2.12 Expenditure of **budgetary allowances, prime cost amounts** and **provisional sums**

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| 5.2.13 | Expenditure of budgetary allowances, prime cost amounts and provisional sums | | |
| 5.2.14 | Appointment of a subcontractor [14.0; 15.0] | | |
| 5.2.15 | Termination of a nominated n/s subcontract agreement [27.2.8] | | |
| 5.2.16 | Work by (a) direct contractor(s) [16.0] | | |
| 5.2.17 | Access by other or previous contractors to remedy defective work | | |
| 5.2.18 | Removal from the site of any person employed on the works | | |
| 5.2.19 | Removal from the site of any person not engaged on or connected with the works | | |
| 5.2.20 | On termination, protection of the works, removal of construction equipment and surplus materials and goods [29.0] | | |
| <u>6. Fire consultant</u> | | | |
| 6.1 Duties [6.2] : | | | |
| The fire consultant is responsible for all aspects of rational fire design and quality inspection of the works | | | |
| 6.2 Contract instructions [6.2; 17.1] : | | | |
| 6.2.1 | Rectification of discrepancies, errors in description or quantity or omission of items in the agreement other than in the JBCC Principal Building Agreement | | |
| 6.2.2 | Alteration to design, standards or quantity of the works provided that such contract instructions shall not substantially change the scope of the works | | |
| 6.2.3 | Compliance with the law , regulations and bylaws [2.1] | | |
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| 6.2.4 | Provision and testing of samples of materials and goods and/or of finishes and assemblies of elements of the works | | |
| 6.2.5 | Opening up of work for inspection, removal or re-execution [23.2.4; 26.4.2] | | |
| 6.2.6 | Removal or re-execution of work | | |
| 6.2.7 | Removal or substitution of any materials and goods | | |
| 6.2.8 | Protection of the works | | |
| 6.2.9 | Making good physical loss and repairing damage to the works [23.2.2] | | |
| 6.2.10 | Rectification of defects [21.2] | | |
| 6.2.11 | A list for practical completion specifying outstanding or defective work to be rectified to achieve practical completion , a list for completion and a list for final completion specifying outstanding or defective work to be rectified to achieve final completion | | |
| 6.2.12 | Expenditure of budgetary allowances, prime cost amounts and provisional sums | | |
| 6.2.13 | Expenditure of budgetary allowances, prime cost amounts and provisional sums | | |
| 6.2.14 | Appointment of a subcontractor [14.0; 15.0] | | |
| 6.2.15 | Termination of a nominated n/s subcontract agreement [27.2.8] | | |
| 6.2.16 | Work by (a) direct contractor(s) [16.0] | | |
| 6.2.17 | Access by other or previous contractors to remedy defective work | | |
| 6.2.18 | Removal from the site of any person employed on the works | | |
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| A7 | 6.2.19 | Removal from the site of any person not engaged on or connected with the works | | |
| | 6.2.20 | On termination, protection of the works, removal of construction equipment and surplus materials and goods [29.0] | | |
| | <u>7. Health and safety consultant</u> | | | |
| | 7.1 Duties [6.2] : | | | |
| | The health and safety consultant is responsible for all aspects of health and safety of the works . Without derogating from the generality thereof, the health and safety consultant will perform the following specific functions and duties in respect of the health and safety aspects of the works . He shall: | | | |
| | 7.1.1 | Act as the employer's agent in terms of the Construction Regulations issued in terms of the Occupational Health and Safety Act,1993 as amended | | |
| | 7.1.2 | Prepare and update the health and safety specification for the works | | |
| | 7.1.3 | Agree with the contractor the health and safety plan for the works | | |
| | 8.1.4 | Carry out regular audits to ensure adherence to the safety plan and compliance with the act and regulations | | |
| | 8.1.5 | Stop the execution of the works where the agreed specification or plan is not adhered to | | |
| | F:..... V:..... T:..... | | <u>Item</u> | |
| | Design responsibility as clause 7. | | | |
| | Clause 7.0 is deemed to amended by the addition of the following sub-clauses: | | | |
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| | <p>Notwithstanding the provisions of sub-clause 4.2 there is an obligation on the contractor to ensure that every such nominated or selected subcontractor shall simultaneously with signing of the relevant nominated or selected subcontract sign (in terms of a suitable written signing authority produced to and acceptable to the (principal agent) and deliver to the employer a design materials and workmanship warranty and undertaking in favour of the employer.</p> <p>Any subcontractor whose subcontract involves design work will be required to sign an indemnity to provide to the employer evidence of "professional indemnity" insurance for such design work.</p> | | |
| | <p>F:..... V:..... T:.....</p> <p align="right"><u>Item</u></p> | | |
| | <u>Insurances and securities (A8 - A11)</u> | | |
| A8 | <p>Works risk as clause 8.</p> <p>F:..... V:..... T:.....</p> <p align="right"><u>Item</u></p> | | |
| A9 | <p>Indemnities as clause 9.</p> <p>F:..... V:..... T:.....</p> <p align="right"><u>Item</u></p> | | |
| A10 | <p>Insurances as clause 10.</p> <p>F:..... V:..... T:.....</p> <p align="right"><u>Item</u></p> | | |
| A11 | <p>Securities as clause 11.</p> | | |
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| | <p>Clause 11.4.1 is deemed to be amended by the addition of the following sentence: "No interest will be paid on such amounts withheld. Where amounts are withheld on nominated/selected subcontract in lieu of a construction guarantee, no interest will be paid to the contractor on such amounts."</p> <p>Clause 11.5 shall be deemed to be deleted in its entirety.</p> <p>Clause 11.10 shall be deemed to be deleted and replaced with the following: "Where the employer required the contractor to waive his lien or right of continuing possession of the works as stated in the schedule, the contractor shall do so within twenty one (21) calendar days of acceptance of the tender."</p> <p>Extension of waiver of lien</p> <p>The contractor shall ensure that a waiver of lien is included in all subcontracts and that the works executed on the site are kept free of all liens and other encumbrances at all times [11.10]</p> <p>F:..... V:..... T:.....</p> <p><u>Execution (A12 – A17)</u></p> <p>Obligations of the parties as clause 12.</p> <p>Office accommodation</p> <p>"Not Applicable"</p> <p>Notice board</p> <p>The contractor shall erect in a position approved by the principal agent, maintain and remove on practical completion a notice board recommended by the South African Institute of Architects and as approved by the principal agent listing the names and logos of the employer, the contractor and the professional consultants. No subcontractor or supplier notice boards may be erected unless permission is granted by the principal agent for such notice boards to be erected [12.2.18]</p> | <p align="center">Item</p> | |
| A12 | | | |
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| | <p>Statutory and other notices</p> <p>The contractor shall submit and/or comply with all statutory and other notices that may be required by any local or other authority in order not to cause any delay to the commencement of the works by the contractor. The contractor shall pay all deposits or fees in this regard</p> <p>It is, however, specifically recorded that the employer shall be responsible for the timeous approval of building plans by any local or other authorities and the payment of any fees or charges related thereto F:..... V:..... T:.....</p> | | |
| A13 | <p>Setting out as clause 13.</p> <p>F:..... V:..... T:.....</p> | <p><u>Item</u></p> <p><u>Item</u></p> | |
| A14 | <p>Nominated subcontractors as clause 14.</p> <p>F:..... V:..... T:.....</p> | <p><u>Item</u></p> | |
| A15 | <p>Selected subcontractors as clause 15.</p> <p>F:..... V:..... T:.....</p> | <p><u>Item</u></p> | |
| A16 | <p>Direct contractors as clause 16.</p> <p>Attendance on direct contractors</p> <p>In respect of direct contractors the contractor shall:</p> <ol style="list-style-type: none"> 1. Designate an area for the direct contractor to establish a temporary office and workshop and storage of equipment and materials 2. Allow the use of personnel welfare facilities, where provided 3. Provide water, lighting and single phase electric power to a position within 50m of the place where the direct | | |
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| | contract work is to be carried out, other than fuel or power for commissioning of any installation | | |
| | 4. Permit the direct contractor to use erected scaffolding, hoisting facilities, etc provided by the contractor , in common with others having the like right, while it remains erected on the site [16.1] | | |
| | F:..... V:..... T:..... | <u>Item</u> | |
| A17 | Contract instructions as clause 17. Clause 17.0 is deemed to be amended by the addition of the following clause: | | |
| | 17.1.21 Acceleration | | |
| | Site instructions Instructions issued on site are to be recorded in a site instruction book which is to be supplied and maintained on site by the contractor | | |
| | F:..... V:..... T:..... | <u>Item</u> | |
| | <u>Completion (A18 – A24)</u> | | |
| A18 | Interim completion as clause 18. F:..... V:..... T:..... | <u>Item</u> | |
| A19 | Practical completion as clause 19. F:..... V:..... T:..... | <u>Item</u> | |
| A20 | Completion in sections as clause 20. F:..... V:..... T:..... | | |
| | Carried to Collection | R | |
| Bill No. 1 Preliminaries | 17 | | |

**CAPE TOWN : PARLIAMENTARY PRECINCT
UPGRADING AND CONFIGURATION OF VARIOUS KITCHENS**

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|-----------------------------|--|-------------|--|--|
| | | <u>Item</u> | | |
| A21 | <p>Defects liability period and final completion as clause 21.</p> <p>F:..... V:..... T:.....</p> | <u>Item</u> | | |
| A22 | <p>Latent defects liability period as clause 22.</p> <p>F:..... V:..... T:.....</p> | <u>Item</u> | | |
| A23 | <p>Revision of the date for practical completion as clause 23.</p> <p>Clause 17.0 is deemed to be amended by the addition of the following sub- clause:</p> <p>"The contractor is instructed to allow for ten (10) working days during the contract period for the delay due to circumstances as listed in Clauses 23.1.1 to 23.1.6, in the programming of the works. Extensions to the contract completion date will only be considered arising for the above delays, after the actual delays recorded and accepted by the architect exceed (10) ten days so allowed."</p> <p>Clause 23.0 is deemed to be amended by the addition of the following sub- clauses:</p> | | | |
| | Carried to Collection | R | | |
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**CAPE TOWN : PARLIAMENTARY PRECINCT
UPGRADING AND CONFIGURATION OF VARIOUS KITCHENS**

"23.9
Acceleration

23.9.1 Irrespective of whether or not the **principal agent** rules that the **contractor** is entitled to an extension of time or a revision of the date for practical or sectional completion, the principal agent shall nevertheless at any time, be entitled to instruct the contractor, to accelerate the progress of the remaining works, to ensure that the works are completed by the original date for practical or sectional completion or revised date as the case may be.

23.9.2 Upon receipt of such instruction, the **contractor** shall take necessary steps to ensure that the works are completed timeously, including the provision by him of additional resources, plant, manpower, etc. and working overtime or additional overtime beyond that contemplated at the time of tender (at all times adhering to the regulations and requirements of all authorities) and by all other adequate and proper means methods. The **contractor** shall prove that such steps are being taken if called upon to do so.

23.9.3 Should the **principal agent** instruct the **contractor** to accelerate in, the contractor's additional entitlement shall be calculated by adding the entitlement to which he would otherwise have become due should the construction period have been extended, a further 30% to the value thereof.

Carried to Collection

R

**CAPE TOWN : PARLIAMENTARY PRECINCT
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| | <p>For the purpose of the calculation of 30% acceleration entitlement relating to an extension of construction period granted in terms of Clause 23.1 shall be calculated as if the extension was granted in terms of 23.2.</p> <p>Substitution of materials and goods The removal or substitution of any materials and goods which do not conform to the specification or the contract drawings shall not constitute grounds for the extension of the construction period nor for the adjustment of the contract value [17.1.8; 23.1 & 2]</p> <p>F:..... V:..... T:.....</p> | | |
| | | <u>Item</u> | |
| A24 | <p>Penalty for late or non-completion as clause 24.</p> <p>F:..... V:..... T:.....</p> <p align="center"><u>Item</u></p> | | |
| | <u>Payment (A25 – A27)</u> | | |
| A25 | <p>Payment as clause 25.</p> <p>Prices submitted</p> <p>Where prices are submitted by the contractor or subcontractor during the progress of the works in respect of contract instructions or in regard to a claim under the terms of this agreement and notwithstanding the fact that such prices may be used in an interim payment certificate, there is to be no presumption of acceptance. Should the principal agent wish to accept any such prices prior to the issue of the certificate of final completion, it shall be in writing</p> <p>Clause 25.7.5 is deemed to be deleted.</p> | | |
| | Carried to Collection | R | |
| | Bill No. 1 | | |
| | Preliminaries | | |
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**CAPE TOWN : PARLIAMENTARY PRECINCT
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| | <p>Clause 25.10 is deemed to be deleted and replaced with the following:</p> <p>"The employer shall pay the contractor the amount certified in the issued payment certificate within fourteen (14) calendar days of the date for issue of the payment certificate [CD] including interest".</p> <p>F:..... V:..... T:.....</p> <p align="right"><u>Item</u></p> <p>A26 Adjustment of the contract value and final account as clause 26.</p> <p>Fluctuations in costs</p> <p>All fluctuations in costs, with the exception of fluctuations in the rate of Value Added Tax, shall be for the account of the contractor [26.9.5]</p> <p>Cost of claims</p> <p>All costs incurred by the contractor in the preparation of claims shall be borne by the contractor. This provision shall not preclude an adjudicator or an arbitrator appointed in terms of this agreement [30.6 & 7] from making a determination on costs</p> <p>Claims from subcontractors</p> | | |
| | Carried to Collection | R | |
| Bill No. 1 Preliminaries | 21 | | |

**CAPE TOWN : PARLIAMENTARY PRECINCT
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| A27 | <p>The contractor shall review, assess and adjudicate any claims received by him from any subcontractor and thereafter submit same to the principal agent with a recommendation in order to assist the principal agent in adjudicating the claim [26.6]</p> <p>F:..... V:..... T:.....</p> | | | |
| | <p>Recovery of expense and/or loss as clause 27.</p> <p>F:..... V:..... T:.....</p> | | | |
| | | | | |
| | <p align="right">Carried to Collection</p> | R | | |

**CAPE TOWN : PARLIAMENTARY PRECINCT
UPGRADING AND CONFIGURATION OF VARIOUS KITCHENS**

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| | <p><u>Suspension and termination (A28 – A29)</u></p> <p>A28 Suspension by the contractor as clause 28. F:..... V:..... T:..... <div align="right"><u>Item</u></div></p> <p>A29 Termination as clause 29. F:..... V:..... T:..... <div align="right"><u>Item</u></div></p> <p><u>Dispute Resolution (A30)</u></p> <p>A30 Dispute resolution as clause 30. F:..... V:..... T:..... <div align="right"><u>Item</u></div></p> <p>A31 <u>AGREEMENT</u> The required information of the parties and the amount of the contract sum shall be inserted in the agreement for signature of the agreement by the parties F:..... V:..... T:..... <div align="right"><u>Item</u></div></p> <p>A32 <u>CONTRA DATA</u> Tenderers are referred to the Contract Data document for the Project information (Part A), Contract information (Part B), Tender Closing information (Part C), Tenderer's selections (Part D) and the Form of tender (Part E) Tenderer's selections Tenderers must complete the tenderer's selection (Part D) of the Contract Data document for submission F:..... V:..... T:..... <div align="right"><u>Item</u></div></p> | | |
| | Carried to Collection | R | |
| Bill No. 1 Preliminaries | 23 | | |

**CAPE TOWN : PARLIAMENTARY PRECINCT
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|----|--|-------------|--|
| B1 | <u>SECTION B : GENERAL PRELIMINARIES</u> | | |
| | <u>Definition and Interpretation</u> | | |
| | <p>Clause 1.1 - Definitions.</p> <p>F:..... V:..... T:.....</p> | <u>Item</u> | |
| | <p>Clause 1.2 - Interpretation.</p> <p>F:..... V:..... T:.....</p> | <u>Item</u> | |
| B2 | <u>Documents</u> | | |
| | <p>Clause 2.1 - Checking of documents.</p> <p>F:..... V:..... T:.....</p> | <u>Item</u> | |
| | <p>Clause 2.2 - Provisional bills of quantities.</p> <p>The quantities in provisional bills of quantities are an indication of the works to be executed and are subject to remeasurement</p> <p>F:..... V:..... T:.....</p> | <u>Item</u> | |
| | <p>Clause 2.3 - Availability of construction information.</p> <p>F:..... V:..... T:.....</p> | <u>Item</u> | |
| | <p>Clause 2.4 - Ordering of materials and goods</p> <p>F:..... V:..... T:.....</p> | <u>Item</u> | |
| | | | |
| B3 | <u>Previous work and adjoining properties</u> | | |
| | Carried to Collection | R | |
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**CAPE TOWN : PARLIAMENTARY PRECINCT
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|-----------------------------|--|-------------|--|--|
| B4 | Clause 3.1 - Previous work - dimensional accuracy. F:..... V:..... T:..... | <u>Item</u> | | |
| | Clause 3.2 - Previous work - defects . F:..... V:..... T:..... | <u>Item</u> | | |
| | Clause 3.3 - Inspection of adjoining properties. F:..... V:..... T:..... | <u>Item</u> | | |
| | <u>The Site</u> | | | |
| | Clause 4.1 - Handover of site in stages. F:..... V:..... T:..... | <u>Item</u> | | |
| | Clause 4.2 - Enclosure of the works . F:..... V:..... T:..... | <u>Item</u> | | |
| | Clause 4.3 - Geotechnical and other investigations. F:..... V:..... T:..... | <u>Item</u> | | |
| | Clause 4.4 - Encroachments. F:..... V:..... T:..... | <u>Item</u> | | |
| | Clause 4.5 - Existing premises occupied. F:..... V:..... T:..... | <u>Item</u> | | |
| | Carried to Collection | R | | |
| Bill No. 1 Preliminaries | | | | |
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**CAPE TOWN : PARLIAMENTARY PRECINCT
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| B5 | Clause 4.6 - Services - known. F:..... V:..... T:..... <u>Item</u> | | |
| | <u>Management of Contract</u> | | |
| | Clause 5.1 - Management of the works . F:..... V:..... T:..... <u>Item</u> | | |
| | Clause 5.2 - Progress meetings. F:..... V:..... T:..... <u>Item</u> | | |
| B6 | Clause 5.3 - Technical meetings. F:..... V:..... T:..... <u>Item</u> | | |
| | <u>Samples, shop drawings and manufacturer's instructions</u> | | |
| | Clause 6.1 - Samples of materials. F:..... V:..... T:..... <u>Item</u> | | |
| | Clause 6.2 - Workmanship samples. F:..... V:..... T:..... <u>Item</u> | | |
| | Clause 6.2 - Workmanship samples. F:..... V:..... T:..... <u>Item</u> | | |
| | Clause 6.3 - Shop drawings. F:..... V:..... T:..... | | |
| | Carried to Collection | R | |
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**CAPE TOWN : PARLIAMENTARY PRECINCT
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**CAPE TOWN : PARLIAMENTARY PRECINCT
UPGRADING AND CONFIGURATION OF VARIOUS KITCHENS**

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| B11 | works | F:..... V:..... T:..... | Item | | |
| | | Clause 10.2 - Special attendance. | | | |
| | | F:..... V:..... T:..... | Item | | |
| | | <u>General</u> | | | |
| | | Clause 11.1 - Protection of the works . | | | |
| | | F:..... V:..... T:..... | Item | | |
| | | Clause 11.2 - Protection/isolation of existing works and occupied in sections . | | | |
| | | F:..... V:..... T:..... | Item | | |
| | | Clause 11.3 - Security of the works . | | | |
| | | F:..... V:..... T:..... | Item | | |
| | | Clause 11.4 - Notice before covering work. | | | |
| | | F:..... V:..... T:..... | Item | | |
| | | Clause 11.5 - Disturbance. | | | |
| | | Disturbance | | | |
| | | All demolition work including removal thereof to dispatch areas as well as other works that will cause excessive noise, dust and odour shall only take place after hours between 08h00 and 17h00. Any delays, stoppages and the like arising from or in order to comply with the above will not constitute grounds for an adjustment to the construction period or contract value whatsoever | | | |
| | | F:..... V:..... T:..... | | | |
| | | Carried to Collection | R | | |
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**CAPE TOWN : PARLIAMENTARY PRECINCT
UPGRADING AND CONFIGURATION OF VARIOUS KITCHENS**

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**CAPE TOWN : PARLIAMENTARY PRECINCT
UPGRADING AND CONFIGURATION OF VARIOUS KITCHENS**

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| | <p>F:..... V:..... T:.....</p> <p align="right"><u>Item</u></p> | | |
| | <p><u>SECTION C : SPECIFIC PRELIMINARIES</u></p> | | |
| C1 | <p>Warranties for materials and workmanship</p> <p>Where warranties for materials and/or workmanship are called for, the contractor shall obtain a written warranty, addressed to the employer, from the entity supplying the materials and/or executing the work and shall deliver same to the principal agent on final completion of the contract</p> <p>The warranty shall state that workmanship, materials and installation are warranted for a specific period from the date of practical completion and that any defects that may arise during the specified period shall be made good at the expense of the entity supplying the materials and/or doing the work, upon written notice to do so</p> <p>The warranty will not be enforced if the work is damaged by defects in the execution of the works, in which case the responsibility for replacement shall rest entirely with the contractor</p> <p>F:..... V:..... T:.....</p> <p align="right"><u>Item</u></p> | | |
| C2 | <p>Overtime</p> <p>Should overtime be required to be worked for any reason whatsoever, the cost of such overtime is to be borne by the contractor unless the principal agent has specifically authorised, prior to execution thereof, that costs for such overtime are to be borne by the employer</p> <p>F:..... V:..... T:.....</p> <p align="right"><u>Item</u></p> | | |
| C3 | <p>Cooperation of the contractor for cost management</p> <p>It is specifically agreed that the contractor accepts the obligation of assisting the principal agent in implementing proper cost management. The contractor will be advised</p> | | |
| | Carried to Collection | R | |
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**CAPE TOWN : PARLIAMENTARY PRECINCT
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| | <p>by the principal agent of all cost management procedures which will be implemented to ensure that the contract value does not exceed the budget</p> <p>F:..... V:..... T:.....</p> | <u>Item</u> | | |
| C4 | <p>Overloading</p> <p>The contractor shall take all necessary steps to ensure that no damage occurs due to overloading of any portion of the works or temporary works eg scaffolding, etc. The contractor shall submit details of his proposed loading, storage, plant erection, etc to the principal agent for approval prior to proceeding with such loading, storing or erecting and shall comply with and pay for the principal agent's requirements in connection with the provision of temporary support work, etc. Any damage caused to the works by overloading shall be made good by the contractor at his sole expense</p> <p>F:..... V:..... T:.....</p> | <u>Item</u> | | |
| C5 | <p>Propping of floors below</p> <p>The contractor is advised that propping of floors below may be required if he wishes to use any areas of completed suspended reinforced concrete slabs for vehicle access, storage of materials and goods and location of plant, scaffolding, etc. The location of these areas and any necessary propping shall be approved by the principal agent and the cost thereof shall be borne by the contractor temporary works eg scaffolding, etc. The contractor shall submit details of his proposed loading, storage, plant erection, etc to the principal agent for approval prior to proceeding with such loading, storing or erecting and shall comply with and pay for the principal agent's requirements in connection with the provision of temporary support work, etc. Any damage caused to the works by overloading shall be made good by the contractor at his sole expense</p> <p>F:..... V:..... T:.....</p> | <u>Item</u> | | |
| | Carried to Collection | R | | |
| Bill No. 1 Preliminaries | 31 | | | |

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C6 Testing of flat roof waterproofing for watertightness

Flat roof waterproof areas shall be flooded and kept "ponded" for at least forty eight (48) hours as a test to ensure the watertightness of the waterproofing and before any further construction work is carried out above the waterproofing

F:..... V:..... T:.....

Item

C7 Health and safety

Without limiting the generality of the provisions of clause 2.0, the **contractor's** attention is drawn to the provisions of the Construction Regulations issued in terms of the Occupational Health and Safety Act, 1993 as amended. It is specifically stated that the **employer** shall prepare a documented health and safety specification for the **works** and that the **employer** shall ensure that the **contractor** has made provision for the cost of health and safety measures during the execution of the **works**. The **contractor** shall price opposite this item for compliance with the act and the regulations and the reasonable provisions of the aforementioned health and safety specification [2.1]

The **contractor** shall:

1. Comply with the health and safety specification for the **works**
2. Prepare and agree with the health and safety consultant the health and safety plan for the **works**
3. Cooperate with the health and safety consultant in all respects
4. Manage the compliance of all subcontractors with the regulations and with the health and safety plan and specification
5. Conform to the conditions contained in the **employer's** health and safety specification

F:..... V:..... T:.....

Item

Carried to Collection

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**CAPE TOWN : PARLIAMENTARY PRECINCT
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| C8 | <p>Green star building certification</p> <p>F:..... V:..... T:.....</p> | <u>Item</u> | | |
| C9 | <p>Broad based black economic empowerment (BBBEE)</p> <p>Tenders submitted will be evaluated taking into account their empowerment rating</p> <p>The employer will be monitoring the broad based black economic empowerment (BBBEE) status of the contractor throughout the execution of the works</p> <p>The contractor is to submit to the principal agent on an annual basis a schedule of spend, split into vendors engaged as subcontractors and suppliers indicating their BBBEE rating including proof of the said rating</p> <p>F:..... V:..... T:.....</p> | <u>Item</u> | | |
| C10 | <p>Advertising rights</p> <p>The employer may elect to contract with advertising agencies for the erection of advertising hoardings, banners, wraps or the like for the duration of the contract. The contractor shall not prevent such an arrangement and will assist in the facilitation of same. The position and type of advertising structure to be agreed with the principal agent so as not to hinder the contractor in meeting his obligations under this agreement</p> <p>F:..... V:..... T:.....</p> | <u>Item</u> | | |
| C11 | <p>Confidentiality</p> | | | |
| Carried to Collection | | | R | |
| Bill No. 1 Preliminaries | | | | |

**CAPE TOWN : PARLIAMENTARY PRECINCT
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C11

The **contractor** undertakes to maintain in confidence any and all information regarding this project and shall obtain appropriate similar undertakings from all **subcontractors** and suppliers. Such information shall not be used in any way except in connection with the execution of the **works**

No information regarding this project shall be published or disclosed without the prior written consent of the **employer**

F:..... V:..... T:.....

Item

Media releases

All rights of publication of articles in the media, together with any advertising relating thereto or in any way connected with this project, shall vest with the **employer**

The **contractor** together with his **subcontractors** shall not, without the prior written consent of the **employer**, cause any statement or advertisement connected with this project to be printed, screened or aired by the media

F:..... V:..... T:.....

Item

SUMMARY OF CATEGORIES

Category : Fixed R.....

Category : Value R.....

Category : Time R.....

Carried to Collection

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Bills of Quantities- Builders Work

TENDER NO : CPT1005/22
CAPE TOWN : PARLIAMENTARY PRECINCT
UPGRADING AND CONFIGURATION OF VARIOUS KITCHENS

| Item No | | Quantity | Rate | Amount |
|---------|--|----------|------|--------|
| | <u>SECTION 2 - BUILDER'S WORK</u> | | | |
| | <u>BILL No. 1</u> | | | |
| | <u>ALTERATIONS</u> | | | |
| | <p><u>NOTE:</u> Tenderers are advised to study the Model Preambles for Trades (2008) before pricing this bill</p> <p><u>NOTE:</u> Tenderers are to refer to the Structural Engineers Demolition Method Statement Document (Annexure) and Specific Demolition and Construction Procedures (Tabled on drawings) when pricing for alterations hereunder</p> | | | |
| | <u>TEMPORARY BARRIERS, SCREENS, ETC.</u> | | | |
| | <u>Temporary barriers, screens, etc., including removal</u> | | | |
| 1 | Drywall barriers 3.30m high formed of galvanised steel channel rails and studs covered on one side with 12.7mm gypsum board panels and finished with two coats interior quality PVA emulsion paint on one side including corners, ends, etc. | m | 8 | |
| | <u>REMOVAL OF EXISTING WORK</u> | | | |
| | <u>Demolish steel stairs</u> | | | |
| 2 | Stairs and landings | No | 1 | |
| | Carried to Collection | | | R |
| | Alterations | | | |
| | TENDER DOCUMENT | | | |

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| | <u>Breaking down and removing brickwork etc.</u> | | | | |
| 1 | One brick walls | m ² | 95 | | |
| | <u>Carefully taking out and removing windows, doors, including frames, etc., hand over to the Client and prepare opening for new door/window and frame (new door/window and frame elsewhere measured)</u> | | | | |
| 2 | Timber door and steel frame, size 900 x 2100mm high overall from 230mm brick wall | No | 1 | | |
| 3 | Timber door and steel frame, size 900 x 2400mm high overall from 230mm brick wall | No | 1 | | |
| 4 | Timber double door and steel frame, size 1500 x 2100mm high overall from 280mm brick wall | No | 1 | | |
| 5 | Timber double door and steel frame, size 1590 x 2400mm high overall from 230mm brick wall | No | 1 | | |
| 6 | Glazed timber window 610 x 1336mm high | No | 1 | | |
| 7 | Glazed timber window 981 x 2595mm including louvre panel, complete | No | 1 | | |
| 8 | Louvre panel 1146 x 1331mm | No | 1 | | |
| 9 | Glazed timber window 1300 x 2607mm high | No | 2 | | |
| 10 | Glazed timber window 1700 x 2595mm including louvre panel, complete | No | 1 | | |
| | <u>Carefully taking out and removing doors, windows, etc. from brickwork to be demolished and hand over to the Client</u> | | | | |
| 11 | Timber door and steel frame, 900 x 2400mm high overall from half brick wall | No | 7 | | |
| | Carried to Collection | | | R | |
| | Alterations | | | | |
| | TENDER DOCUMENT | | | | |

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| | | | | |
|---|--|----------------|-----|---|
| <u>Carefully take off, up or out sundry joinery work, fittings, etc. and hand over to employer</u> | | | | |
| 1 | Timber coffee station cupboard, 2000 x 500 x 850mm high, including disconnecting waste pipe | No | 2 | |
| <u>Taking down and removing roofs, floors, panelling, ceilings, partitions, etc. and making good for paint finish (paint elsewhere measured)</u> | | | | |
| 2 | Acoustic tile suspended ceilings, including suspension grid, hangers, cornices, etc. | m ² | 500 | |
| 3 | Stripping out cold/freezer room average size 6m ² x 2.4m high and hand over to the Client | No | 6 | |
| 4 | Stripping out refrigeration average size 9m ² x 2.4m high and hand over to the Client | No | 3 | |
| <u>Hacking up/off and removing granolithic, screeds, plaster, etc from concrete or brickwork and preparing surfaces for new screed, plaster, tile finishes, etc.</u> | | | | |
| 5 | Internal plaster from walls and columns | m ² | 40 | |
| <u>Hacking up/off and removing ceramic tile floor and wall finishes, including removing mortar bed or backing from concrete or brickwork and preparing surfaces for new screed, plaster, tile finishes, etc.</u> | | | | |
| 6 | Tiles to floors | m ² | 496 | |
| 7 | Tiles to walls | m ² | 923 | |
| <u>Taking out and removing dumb waiter (1 flight) and make good lift shaft to receive new dumb waiter (new dumb waiter elsewhere measured)</u> | | | | |
| 8 | Dumb waiter | No | 1 | |
| Carried to Collection | | | | |
| Alterations | | | | R |
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OPENINGS THROUGH EXISTING WALLS ETC.

Breaking out for and forming openings through brick walls for new windows and doors, including brick lintels, making good plaster on both sides and into reveals (new doors and making good paintwork elsewhere)

| | | | |
|---|--|----|---|
| 1 | Opening for door 1500 x 2100mm high through 230mm brick wall | No | 1 |
|---|--|----|---|

BUILDING UP OPENINGS

Brickwork in NFP bricks in class II mortar in building up openings, including bonding new to existing and making good cement plaster on both sides (making good paintwork elsewhere)

| | | | |
|---|---|----|---|
| 2 | Opening 0.90 x 2.10m high overall in one brick wall | No | 1 |
|---|---|----|---|

MAKING GOOD OF FINISHES, ETC.

Making good brickwork

| | | | |
|---|---|---|----|
| 3 | Faces of walls where 230mm brick cross walls were removed | m | 13 |
|---|---|---|----|

Making good plastering

| | | | |
|---|--|---|----|
| 4 | Plastering to faces of walls and/or columns where 230mm brick cross walls were removed | m | 13 |
|---|--|---|----|

Making good screeds

| | | | |
|---|--|---|----|
| 5 | 25mm Thick on floors where one brick walls are removed | m | 19 |
|---|--|---|----|

Carried to Collection

Alterations

TENDER DOCUMENT

R

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UPGRADING AND CONFIGURATION OF VARIOUS KITCHENS

BUDGETARY ALLOWANCE

NOTE :

Budgetary allowances listed below are for work to be executed by the Principal Contractor and will be measured and valued in terms of rates submitted against similar items in these bills

These items are to be taken into account in the pricing of the Preliminaries as they will not attract separate Preliminaries of their own. Mark-ups are included in the values

The following budgetary allowance for Alterations and Demolitions to later detail, to be executed by the contractor

| | | | | |
|---|--|----|------|-----------|
| 1 | Provide the amount of R 60 000.00 (Sixty Thousand Rand) for Alterations and Demolitions to later detail to be spend in whole or in part or omitted from the contract | | Item | 60 000.00 |
| 2 | Stripping out cold/freezer and refrigeration rooms and hand over to the Client | No | 1 | |
| 3 | Provide the amount of R 20 000.00 (Twenty Thousand Rand) for Asbestos removals to later detail to be spend in whole or in part or omitted from the contract | | Item | 20 000.00 |

Carried to Collection

R

Alterations

TENDER DOCUMENT

TENDER NO : CPT1005/22
CAPE TOWN : PARLIAMENTARY PRECINCT
UPGRADING AND CONFIGURATION OF VARIOUS KITCHENS

Section No. 1

Bill No. 1

Alterations

COLLECTION

Total Brought Forward from Page No.

**Page
No**

Amount

1

2

3

4

5

6

Carried Forward to Summary of Section No. 2

Alterations

TENDER DOCUMENT

R

TENDER NO : CPT1005/22
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UPGRADING AND CONFIGURATION OF VARIOUS KITCHENS

| Item No | | Unit | Quantity | Rate | Amount |
|---------|--|------|----------|------|--------|
| | <u>SECTION 2 - BUILDER'S WORK</u> <u>BILL No. 2</u> <u>CONCRETE, FORMWORK AND REINFORCEMENT</u> <u>NOTE:</u> Tenderers are advised to study the Model Preambles for Trades (2008) before pricing this bill | | | | |
| | <u>SUPPLEMENTARY PREAMBLES</u> <u>Trade names</u> Items, materials or methods to be used specified by trade names or catalogue numbers are only an indication of the quality required. Items, materials or methods of similar quality may be used with prior written approval from the Principal Agent Proof as to the suitability of the alternate product/s offered shall rest with the tenderer | | | | |
| | <u>CONCRETE SUNDRIES</u> <u>PVC sleeves</u> | | | | |
| 1 | 50mm Diameter sleeves through not exceeding 300mm concrete wall | No | 2 | | |
| 2 | 125mm Diameter sleeves through not exceeding 300mm slab | No | 2 | | |
| | Carried to Collection | | | | R |
| | Concrete, Formwork & Reinforcement | | | | |
| | TENDER DOCUMENT | | | | |

TENDER NO : CPT1005/22
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UPGRADING AND CONFIGURATION OF VARIOUS KITCHENS

CORE DRILLING PROCEDURE

1. Existing Downstand Beams or Suspended Slabs

The following procedure must be adopted for all core drilling :

- a) The proposed positions to be agreed with the Engineer in writing.
- b) The position of the core is to be marked by the contractor.
- c) The beam/slab is to be scanned on bothfaces to determine the position of any embedded reinforcement (stirrups, spanning steel)
- d) A pilot hole is to be drilled using an 8mm bit.
- e) The Engineer is to inspect and adjust the position of the pilot hole accordingly.

1 225mm Reinforced concrete slab, beam, wall, etc.

No

10

Carried to Collection

Concrete, Formwork & Reinforcement

R

TENDER DOCUMENT

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TENDER NO : CPT1005/22
CAPE TOWN : PARLIAMENTARY PRECINCT
UPGRADING AND CONFIGURATION OF VARIOUS KITCHENS

| Item No | Unit | Quantity | Rate | Amount |
|--|------|----------|------|--------|
| <u>SECTION 2 - BUILDER'S WORK</u> | | | | |
| <u>BILL No. 3</u> | | | | |
| <u>MASONRY</u> | | | | |
| NOTE: Tenderers are advised to study the Model Preambles for Trades (2008) before pricing this bill | | | | |
| <u>SUPPLEMENTARY PREAMBLES</u> | | | | |
| <u>Sizes in descriptions</u> | | | | |
| Where sizes in descriptions are given in brick units, "one brick" shall represent the length and "half brick" the width of a brick | | | | |
| <u>Samples</u> | | | | |
| Samples of all masonry building units, except those for walls described as "load bearing", shall consist of a minimum of six units. Samples of building units to be used in walls described as "load bearing" shall consist of thirty units from every thirty thousand units delivered to site | | | | |
| <u>Building in of conduits</u> | | | | |
| Tenderers are to note that all conduiting must be built-in, and that no chasing for conduits will be accepted unless authorised in writing by the Project Manager on behalf of the Client. Hence, it is the responsibility of the tenderer to allow for the sequencing of work so that the building in of conduiting can be achieved | | | | |
| Carried to Collection | | | R | |
| Masonry | | | | |
| TENDER DOCUMENT | | | | |

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UPGRADING AND CONFIGURATION OF VARIOUS KITCHENS

| | | | | | |
|---|--|----------------|-----|---|--|
| <u>Trade names</u> Items, materials or methods to be used specified by trade names or catalogue numbers are only an indication of the quality required. Items, materials or methods of similar quality may be used with prior written approval from the Principal Agent Proof as to the suitability of the alternate product/s offered shall rest with the tenderer | | | | | |
| <u>SUPERSTRUCTURE</u> <u>Face bricks pointed with recessed horizontal and vertical joints</u> | | | | | |
| 1 | Half brick walls | m ² | 20 | | |
| 2 | One brick walls | m ² | 107 | | |
| <u>Brickwork reinforcement</u> | | | | | |
| 3 | 75mm Wide reinforcement built in horizontally | m | 57 | | |
| 4 | 150mm Wide reinforcement built in horizontally | m | 314 | | |
| <u>Prestressed concrete lintels</u> | | | | | |
| 5 | 110 x 70mm Lintels in lengths not exceeding 3m | m | 3 | | |
| 6 | 150 x 70mm Lintels in lengths not exceeding 3m | m | 3 | | |
| <p style="text-align: right;">Carried to Collection</p> Masonry | | | | R | |
| TENDER DOCUMENT | | | | | |

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UPGRADING AND CONFIGURATION OF VARIOUS KITCHENS

| Item No | Unit | Quantity | Rate | Amount |
|--|------|----------|------|--------|
| <u>SECTION 2 - BUILDER'S WORK</u> | | | | |
| <u>BILL No. 4</u> | | | | |
| <u>WATERPROOFING</u> | | | | |
| <u>NOTE:</u> Tenderers are advised to study the Model Preambles for Trades (2008) before pricing this bill | | | | |
| <u>SUPPLEMENTARY PREAMBLES</u> | | | | |
| <u>Waterproofing</u> | | | | |
| Waterproofing of roofs, basements, etc shall be laid under a ten year guarantee. Waterproofing to roofs shall be laid to even falls to outlets, etc with necessary ridges, hips and valleys. Descriptions of sheet or membrane waterproofing shall be deemed to include additional labour to turn-ups and turn-downs | | | | |
| <u>Trade names</u> | | | | |
| Items, materials or methods to be used specified by trade names or catalogue numbers are only an indication of the quality required. Items, materials or methods of similar quality may be used with prior written approval from the Principal Agent | | | | |
| Proof as to the suitability of the alternate product/s offered shall rest with the tenderer | | | | |
| Carried to Collection | | | | R |
| Waterproofing | | | | |
| TENDER DOCUMENT | | | | |

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TENDER NO : CPT1005/22
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UPGRADING AND CONFIGURATION OF VARIOUS KITCHENS

| Item No | Unit | Quantity | Rate | Amount |
|--|------|----------|------|--------|
| <u>SECTION 2 - BUILDER'S WORK</u> | | | | |
| <u>BILL No. 5</u> | | | | |
| <u>CEILINGS, PARTITIONS AND ACCESS FLOORING</u> | | | | |
| NOTE: Tenderers are advised to study the Model Preambles for Trades (2008) before pricing this bill | | | | |
| <u>SUPPLEMENTARY PREAMBLES</u> | | | | |
| <u>Descriptions</u> | | | | |
| Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins or shot pinned to brickwork or concrete | | | | |
| Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 600mm centres, and where described as "bolted" the bolts have been given elsewhere | | | | |
| <u>Proprietary suspended ceilings</u> | | | | |
| Electric light fittings, diffusers, panels, etc generally are "lay in" units of the same dimensions as the suspension grid described and allowance shall be made accordingly for their support, inclusive of any flexibility in setting out that may be required (ceiling panels have not been deducted and pricing shall take cognizance thereof) | | | | |
| Carried to Collection | | | R | |
| Ceilings, Partitions and Access Flooring | | | | |
| TENDER DOCUMENT | | | | |

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UPGRADING AND CONFIGURATION OF VARIOUS KITCHENS

| | | | | | |
|--|---|----------------|-----|--|--|
| 1 | Extra over ceilings for opening 600 x 600mm for light fittings including additional supports | No | 42 | | |
| | <u>9,5mm Rhino gypsum plasterboard ceilings with 63mm wide strips of mesh scrim nailed over joints and the whole finished with gypsum skim plaster trowelled to a smooth polished surface on patent concealed suspension system, all in strict accordance with the manufacturer's specifications and recommendations</u> | | | | |
| 2 | Vertical bulkheads | m ² | 37 | | |
| | <u>Cornices to suspended ceilings</u> | | | | |
| | Cornices to include approved silicone joint sealant at junction of ceiling cornice with plastered wall | | | | |
| 3 | Aluminium pre-painted cornices | m | 348 | | |
| 4 | Pre-painted corner trims | m | 30 | | |
| 5 | 45 x 35mm Plaster trim | m | 30 | | |
| Carried to Collection | | | | | |
| | | | | | |
| Ceilings, Partitions and Access Flooring | | | | | |
| TENDER DOCUMENT | | | | | |

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UPGRADING AND CONFIGURATION OF VARIOUS KITCHENS

| | | | | | |
|--|--|----|---|--|---|
| <u>Trade names</u> Items, materials or methods to be used, specified by trade names or catalogue numbers are only an indication of the quality required. Items, materials or methods of similar quality may be used with prior written approval from the Principal Agent Proof as to the suitability of the alternate product/s offered shall rest with the tenderer <u>DOORS, ETC.</u> <u>Doors as per the door schedule referred to, in the Architect's drawings no. WC015 - 700 issued with the bills of quantities</u> <u>Solid core flush panel doors with concealed hardwood edges all round, with 3,2mm timber veneer (wood type) covering to both sides</u> | | | | | |
| 1 | 44mm Thick double door 813 x 2032mm high (Type D01 T4-001) | No | 1 | | |
| | <u>Approved fire doors with commercial veneer on both sides</u> | | | | |
| 2 | Class B fire door 900 x 2032m high, including pressed steel frame for one brick wall and preparing frame for door closer and lock | No | 2 | | |
| 3 | Class B fire door 1500 x 2032m high, including pressed steel frame for one brick wall and preparing frame for door closer and lock | No | 1 | | |
| <p style="text-align: right;">Carried to Collection</p> <p>Carpentry and Joinery</p> <p>TENDER DOCUMENT</p> | | | | | |
| | | | | | R |

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UPGRADING AND CONFIGURATION OF VARIOUS KITCHENS

FITTINGS

General

The following cupboard fittings are measured as complete units, ie., the components of the units are not separately measured. The descriptions, therefore, of such units shall be deemed to include all components, assembling, housing, notching, glueing, nailing, screwing with sunk screws, edge strips, decorative laminates, glass, ironmongery, metalwork, paint or varnish finish, etc., and silicone sealant against all wall and floor surfaces

The descriptions of all fittings contain a reference to the applicable Architect's drawing and tenderers are referred to these drawings for the full specification and detailing of the various fittings

Prices will be deemed to include for everything necessary to complete the installation of the fittings as depicted on the drawings and no extras in this regard will be entertained

Joinery to Coffee Area - Mark's Kitchen

- 1 Floor unit, size 1936 x 992 x 900mm high overall with cut out for and including reusing existing 1500 x 20mm drain channel complete as drawing (Dwg Ref. WC015-500)

No

1

Floor unit, size 1953 x 992 x 900mm high overall, complete as drawing (Dwg Ref. WC015-500)

No

1

Carried to Collection

R

Carpentry and Joinery

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UPGRADING AND CONFIGURATION OF VARIOUS KITCHENS

COLD ROOMS

The following cold rooms are measured as complete units, ie., the components of the units are not separately measured. The descriptions, therefore, of such units shall be deemed to include all components, assembling, housing, doors, ironmongery, metalwork, panel finish, floors, ceilings, light fittings, control panels, etc., and sealant against all wall and floor surfaces

Prices will be deemed to include for everything necessary to complete the installation of the fittings as depicted on the drawings and no extras in this regard will be entertained

| | | | |
|---|--|----|---|
| 1 | Cold room size 4590 x 5670 x 2400mm high, as per Architect's drawing no. WC015 - 501 | No | 1 |
| 2 | Cold room size 4790 x 2060 x 2400mm high, as per Architect's drawing no. WC015 - 507 | No | 1 |
| 3 | Cold rooms 01, 02 and 03 all with total size 6595 x 2235 x 2400mm high, as per Architect's drawing no. WC015 - 510 | No | 1 |
| 4 | Freezer room size 2300 x 2106 x 2400mm high, irregular shaped, as per Architect's drawing no. WC015 - 500 | No | 1 |
| 5 | Freezer room size 2780 x 3060 x 2400mm high, irregular shaped, as per Architect's drawing no. WC015 - 500 | No | 1 |
| 6 | Freezer room size 5800 x 3580 x 2400mm high, irregular shaped, as per Architect's drawing no. WC015 - 500 | No | 1 |

Carried to Collection

Carpentry and Joinery

R

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UPGRADING AND CONFIGURATION OF VARIOUS KITCHENS

BUDGETARY ALLOWANCE

NOTE :

Budgetary allowances listed below are for work to be executed by the Principal Contractor and will be measured and valued in terms of rates submitted against similar items in these bills

These items are to be taken into account in the pricing of the Preliminaries as they will not attract separate Preliminaries of their own. Mark-ups are included in the values

Additional Joinery Fittings and Steel Shelving

- 1 Allow the amount of R 100 000.00 (One Hundred Thousand Rand) for supply and installation of additional joinery fittings and steel shelving to later detail to be spend in whole or in part or omitted from the contract

Item

100 000.00

Carried to Collection

R

Carpentry and Joinery

TENDER DOCUMENT

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TENDER NO : CPT1005/22
CAPE TOWN : PARLIAMENTARY PRECINCT
UPGRADING AND CONFIGURATION OF VARIOUS KITCHENS

| Item No | Unit | Quantity | Rate | Amount |
|---|------|----------|------|--------|
| <u>SECTION 2 - BUILDER'S WORK</u> | | | | |
| <u>BILL No. 7</u> | | | | |
| <u>IRONMONGERY</u> | | | | |
| NOTE: Tenderers are advised to study the Model Preambles for Trades (2008) before pricing this bill | | | | |
| <u>SUPPLEMENTARY PREAMBLES</u> | | | | |
| <u>Finishes to ironmongery</u> | | | | |
| Where applicable finishes to ironmongery are indicated by suffixes in accordance with the following list: | | | | |
| BS - Satin bronze lacquered | | | | |
| CH - Chromium plated | | | | |
| SC - Satin chromium plated | | | | |
| SE - Silver enamelled | | | | |
| GE - Grey enamelled | | | | |
| AS - Anodized silver | | | | |
| AB - Anodized bronze | | | | |
| AG - Anodized gold | | | | |
| ABL - Anodized black | | | | |
| PB - Polished brass | | | | |
| PL - Polished and lacquered | | | | |
| PT - Epoxy coated | | | | |
| SD - Sanded | | | | |
| Carried to Collection | | | | R |
| Ironmongery | | | | |
| TENDER DOCUMENT | | | | |

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CAPE TOWN : PARLIAMENTARY PRECINCT
UPGRADING AND CONFIGURATION OF VARIOUS KITCHENS

| | | | | | |
|---|--|-------|---|---|--|
| <u>Trade names</u> Items, materials or methods to be used specified by trade names or catalogue numbers are only an indication of the quality required. Items, materials or methods of similar quality may be used with prior written approval from the Principal Agent Proof as to the suitability of the alternate product/s offered shall rest with the tenderer | | | | | |
| <u>LOCKS</u> | | | | | |
| 1 | Multi-lever sash lock with lock case, stainless steel forend | No | 9 | | |
| 2 | Keyhole escutcheon | Pairs | 9 | | |
| <u>HANDLES</u> | | | | | |
| 3 | Square satin finish solid stainless steel spring loaded lever handles | Pairs | 9 | | |
| <u>PUSH AND KICKING PLATES</u> | | | | | |
| 4 | 250mm Wide x 1200mm high x 1,2mm thick stainless steel plate 304 grade, fixed to face of door. Plate to have no sharp edges or corners. As per door type D22 | No | 4 | | |
| <u>DOOR CLOSERS</u> | | | | | |
| 5 | Overhead door closer non-hold open multi-strength | No | 3 | | |
| <u>SUNDRIES</u> | | | | | |
| 6 | Stainless steel door stop | No | 4 | | |
| <p style="text-align: right;">Carried to Collection</p> <p>Ironmongery</p> <p>TENDER DOCUMENT</p> | | | | R | |
| | | | | | |

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CAPE TOWN : PARLIAMENTARY PRECINCT
UPGRADING AND CONFIGURATION OF VARIOUS KITCHENS

BUDGETARY ALLOWANCES

NOTE :

Budgetary allowances listed below are for work to be executed by the Principal Contractor and will be measured and valued in terms of rates submitted against similar items in these bills

These items are to be taken into account in the pricing of the Preliminaries as they will not attract separate Preliminaries of their own. Mark-ups are included in the values

The following budgetary allowance for Signage to later design

- | | | | | |
|---|---|--|--|--|
| 1 | Allow the amount of R 50 000.00 (Fifty Thousand Rand) for supply and installation of Directional signage to later detail to be spend in whole or in part or omitted from the contract | | | |
|---|---|--|--|--|

Item

50 000.00

Carried to Collection

R

Ironmongery

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UPGRADING AND CONFIGURATION OF VARIOUS KITCHENS

| Item No | Unit | Quantity | Rate | Amount |
|--|------|----------|------|--------|
| <u>SECTION 2 - BUILDER'S WORK</u> | | | | |
| <u>BILL No. 8</u> | | | | |
| <u>METALWORK</u> | | | | |
| NOTE: Tenderers are advised to study the Model Preambles for Trades (2008) before pricing this bill | | | | |
| <u>SUPPLEMENTARY PREAMBLES</u> | | | | |
| <u>Descriptions</u> | | | | |
| Descriptions of bolts shall be deemed to include nuts and washers | | | | |
| Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete | | | | |
| Metalwork described as "holed for bolt(s)" shall be deemed to exclude the bolts unless otherwise described | | | | |
| Descriptions of galvanised mild steel shall be deemed to mean hot dipped galvanised after fabrication | | | | |
| <u>Trade names</u> | | | | |
| Items, materials or methods to be used specified by trade names or catalogue numbers are only an indication of the quality required. Items, materials or methods of similar quality may be used with prior written approval from the Principal Agent | | | | |
| Carried to Collection | | | R | |
| Metalwork | | | | |
| TENDER DOCUMENT | | | | |

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UPGRADING AND CONFIGURATION OF VARIOUS KITCHENS

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|--|----|---|---|--|
| Proof as to the suitability of the alternate product/s offered shall rest with the tenderer | | | | |
| <u>GALVANIZED PRESSED STEEL DOOR FRAMES</u> | | | | |
| <u>1.2mm Single rebated frames suitable for 230mm cavity wall brick walls</u> | | | | |
| 1 Frame for door 813 x 2032mm high | No | 2 | | |
| <u>ALUMINIUM LOUVRE UNITS</u> | | | | |
| <u>Scope of work</u> | | | | |
| The work under the heading "ALUMINIUM LOUVRES, ETC." includes for the supply, setting up, building in, protection, cleaning, sub-frames and/or lugs, polychord and polyurethane sealant all round on both sides, fixing in position and ironmongery to louvres | | | | |
| <u>Aluminium louvres as per the aluminium specification referred to in the Architects' drawing no. WC015 - 700</u> | | | | |
| <u>Approved powder coated gloss white perforated aluminium louvre units, bolted to and including aluminium sub-frames</u> | | | | |
| 2 1146 x 1331mm High louvre screen | No | 1 | | |
| Carried to Collection | | | R | |
| Metalwork | | | | |
| TENDER DOCUMENT | | | | |

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ALUMINIUM SHOWER SCREENS AND DOORS

Approved framed shower doors and screens with swing doors, cleats, stops, etc. and toughened frosted safety glass, fixed to tiled walls

1 Corner unit 900 x 1200 x 1800mm high

No

2

ALUMINIUM WINDOWS, DOORS, ETC.

The work under the heading "ALUMINIUM WINDOWS, DOORS, SHOPFRONTS, ETC" includes for the supply, setting up, building in, protection, cleaning, sub-frames and/or lugs, polychord and polyurethane sealant all round on both sides, fixing in position, ironmongery and glazing of windows

Aluminium windows, ironmongery and glazing as per the aluminium specification referred to in the Architect's drawings no. WC015 - 700 issued with the bills of quantities

Approved top-hung casement aluminium windows (Colour : White) with 6.38mm clear laminated safety glass, plugged to brickwork or concrete

2 Window 610 x 1336mm (Type W01)

No

1

3 Window 981 x 2595mm including louvre panel, complete (Type W03)

No

1

4 Window 1300 x 2607mm high (Type W02)

No

2

5 Window 1700 x 2595mm including louvre panel, complete (Type W04)

No

1

BUDGETARY ALLOWANCES

NOTE :

Carried to Collection

R

Metalwork

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UPGRADING AND CONFIGURATION OF VARIOUS KITCHENS

Budgetary allowances listed below are for work to be executed by the Principal Contractor and will be measured and valued in terms of rates submitted against similar items in these bills

These items are to be taken into account in the pricing of the Preliminaries as they will not attract separate Preliminaries of their own. Mark-ups are included in the values

STEEL STAIRS AND BALUSTRADES

- 1 Allow the amount of R 30 000.00 (Thirty Thousand Rand) for supply and installation of steel stairs and balustrades to later detail to be spend in whole or in part or omitted from the contract

Item

30 000.00

Carried to Collection

R

Metalwork

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UPGRADING AND CONFIGURATION OF VARIOUS KITCHENS

| Item No | Unit | Quantity | Rate | Amount |
|---|------|----------|------|--------|
| <u>SECTION 2 - BUILDER'S WORK</u> | | | | |
| <u>BILL No. 10</u> | | | | |
| <u>TILING</u> | | | | |
| NOTE: Tenderers are advised to study the Model Preambles for Trades (2008) before pricing this bill | | | | |
| <u>SUPPLEMENTARY PREAMBLES</u> | | | | |
| All tiles to be supplied as per manufacturer's sizes (no cutting to size allowed). Should cutting be unavoidable the Principal Agent's approval is required | | | | |
| <u>Descriptions</u> | | | | |
| Unless described as "fixed with adhesive to plaster (plaster elsewhere) or screeds (screeds elsewhere)" descriptions of tiling on brick or concrete walls, columns, etc shall be deemed to include 1:4 cement plaster backing and descriptions of tiling on concrete floors etc shall be deemed to include 1:3 cement plaster bedding | | | | |
| Descriptions of all tiling are deemed to include for all straight cutting and circular cutting around all sanitary ware and pipes not exceeding 150mm diameter | | | | |
| Carried to Collection | | | | R |
| Tiling | | | | |
| TENDER DOCUMENT | | | | |

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UPGRADING AND CONFIGURATION OF VARIOUS KITCHENS

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|--|--|--|----------|--|
| <p><u>Trade names</u></p> <p>Items, materials or methods to be used specified by trade names or catalogue numbers are only an indication of the quality required. Items, materials or methods of similar quality may be used with prior written approval from the Principal Agent</p> <p>Proof as to the suitability of the alternate product/s offered shall rest with the tenderer</p> | | | | |
| <p>Tiling</p> <p>TENDER DOCUMENT</p> | | | <p>R</p> | |

Carried to Collection

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UPGRADING AND CONFIGURATION OF VARIOUS KITCHENS

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UPGRADING AND CONFIGURATION OF VARIOUS KITCHENS

"Polycop" polypropylene pipes

Polypropylene pipes 54mm diameter and under shall be seamless copper coloured class 16 pipes jointed with "Fast-fuse" heat welded thermoplastic or brass compression fittings as designed for use with copper pipes, as described

Pipes shall be firmly fixed to walls etc with coloured nylon snap-in pipe clips with provision for accommodating thermal movement and jointed and fixed strictly in accordance with the manufacturer's instructions

All pipe diameters are nominal external

Copper pipes

Pipes shall be hard drawn and half-hard pipes of the class described. Class 0 (thin walled hard drawn) pipes shall not be bent. Class 1 (thin walled half-hard), class 2 (half-hard) and class 3 (heavy walled half-hard) pipes shall only be bent with benders with inner and outer formers. Fittings to copper waste, vent and anti-syphon pipes, capillary solder fittings and compression fittings shall be "Cobra Watertech" type. Capillary solder fittings shall comply with ISO 2016

Carried to Collection

Plumbing and Drainage

TENDER DOCUMENT

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CAPE TOWN : PARLIAMENTARY PRECINCT
UPGRADING AND CONFIGURATION OF VARIOUS KITCHENS

Reducing fittings

Where fittings have reducing ends or branches they are described as "reducing". In the case of pipes with diameters not exceeding 60mm, only the largest end or branch size is given. Should the contractor wish to use other fittings and bushes or reducers he may do so on the understanding that no claim in this regard will be entertained. In the case of pipes with diameters exceeding 60mm, all sizes are given and no claim for extra bushes, reducers, etc will be entertained

Chasing

Descriptions of pipes are deemed to include for chasing

"Densyl" petrolatum anti-corrosion tape as manufactured by Denso SA (Pty) Ltd

Pipes to be taped shall be coated with the appropriate primer and the tape shall be applied in the appropriate widths and with relevant overlaps for specific diameters of pipes

Couplings and fittings to pipes shall be taped in strict accordance with the manufacturer's instructions including all mastic, tape, "Layflat" sheeting, securing of same, etc

Prices for wrapping of pipes shall include for all work as described to couplings in the length

General

Descriptions of wc pans, slop hoppers, etc shall be deemed to include for joints to soil pipes (pan connectors separately measured)

Carried to Collection

Plumbing and Drainage

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UPGRADING AND CONFIGURATION OF VARIOUS KITCHENS

| | | | |
|--|---------------------|-------------------|---|
| <p>Descriptions of all sanitary fittings shall be deemed to include for silicone sealant pointing between the fittings and finished wall surfaces</p> <p>Descriptions of copper service pipes and flexible connecting pipes shall be deemed to include connections to taps, cisterns, etc and to steel pipes</p> <p>Descriptions of overflow pipes where measured number, shall be deemed to include joints to cisterns and splay cut ends</p> <p><u>Trade names</u></p> <p>Items, materials or methods to be used specified by trade names or catalogue numbers are only an indication of the quality required. Items, materials or methods of similar quality may be used with prior written approval from the Principal Agent</p> <p>Proof as to the suitability of the alternate product/s offered shall rest with the tenderer</p> | | | |
| <p><u>SANITARY FITTINGS</u></p> <p><u>Approved stainless steel</u></p> <p>1 Double bowl vegetable sink size 1850 x 650 x 910mm with PVC grease type waste</p> <p><u>Approved</u></p> <p>2 510 x 405mm "Hibiscus" (code 702303) white basin with one taphole, bolted to wall with two 10mm bolts with and including 685mm high pedestal</p> | <p>No</p> <p>No</p> | <p>1</p> <p>3</p> | |
| <p style="text-align: right;">Carried to Collection</p> <p>Plumbing and Drainage</p> | | | R |
| <p>TENDER DOCUMENT</p> | | | |

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| | | | | | |
|--|--|----|---|---|--|
| 1 | Low level wc suite comprising "Aquasave" pan with double flap heavy duty plastic seat and cistern with flush pipe, complete | No | 5 | | |
| 2 | Alpine white vitreous china wall hung back inlet bowl urinal as size 305 x 290mm with chromium plated domical grating and fixed to tiled wall with and including two approved hanger brackets. | No | 2 | | |
| 3 | Shower tray and support frame | No | 2 | | |
| <u>WASTE UNIONS ETC.</u> | | | | | |
| <u>Approved chromium plated</u> | | | | | |
| 4 | 62mm Diameter slotted basin waste with backnut, plug and stay, complete | No | 4 | | |
| <u>TRAPS, ETC.</u> | | | | | |
| <u>Approved cast brass</u> | | | | | |
| 5 | 40mm 373 Shower trap with 75mm grating | No | 2 | | |
| <u>TAPS, VALVES, ETC.</u> | | | | | |
| <u>Approved</u> | | | | | |
| 6 | 15mm Stopcock | No | 6 | | |
| 7 | 15mm Pillar cock | No | 3 | | |
| 8 | Shower set with undertile stop taps with 15mm copper inlets, set includes two stella taps with flanged shower arm and shower head | No | 2 | | |
| 9 | Overhead pre-rinse spray unit with c/w bracket on 15mm taps | No | 1 | | |
| Carried to Collection | | | | R | |
| Plumbing and Drainage | | | | | |
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WATER SUPPLIES

Note :

The rates for taps, valves, fittings, etc., are to include for all connections to the piping, including any necessary adapters, special jointing, etc.

Approved

- 1 16mm Pipe in chase

m

10

Extra over pipework for heat fusion fittings installed in accordance with the manufacturer's instructions

- 2 Fittings to pipes not exceeding 30mm

No

10

BUDGETARY ALLOWANCE

NOTE :

Budgetary allowances listed below are for work to be executed by the Principal Contractor and will be measured and valued in terms of rates submitted against similar items in these bills

These items are to be taken into account in the pricing of the Preliminaries as they will not attract separate Preliminaries of their own. Mark-ups are included in the values

The following budgetary allowance for builderswork in connection with services, to later detail to be executed by the contractor

- 3 Provide the amount of R 50 000.00 (Fifty Thousand Rand) for builder's work in connection with Plumbing, Electrical, Electronic, Mechanical, Fire and Lift services to later detail to be spend in whole or in part or omitted from the contract

Item

50 000.00

Carried to Collection

R

Plumbing and Drainage

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UPGRADING AND CONFIGURATION OF VARIOUS KITCHENS

| Item No | Quantity | Rate | Amount |
|---|----------|------|--------|
| <u>SECTION 2 - BUILDER'S WORK</u> <u>BILL No. 12</u> <u>KITCHEN EQUIPMENT</u> NOTE: Tenderers are advised to study the Model Preambles for Trades (2008) before pricing this bill <u>Trade names</u> Items, materials or methods to be used specified by trade names or catalogue numbers are only an indication of the quality required. Items, materials or methods of similar quality may be used with prior written approval from the Principal Agent Proof as to the suitability of the alternate product/s offered shall rest with the tenderer | | | |
| <u>General</u> The following equipments are measured as complete units, ie., the components of the units are not separately measured. The descriptions, therefore, of such units shall be deemed to include all supply, delivery, installation of components, assembling, housing, notching, glueing, nailing, screwing, edge strips, ironmongery, metalwork, testing and commissioning, etc., and silicone sealant against all wall and floor surfaces | | | |
| Carried to Collection | | | R |
| Kitchen Equipment | | | |
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The positions of all equipment are indicated to the Architect's drawing no. WC 15-103 D and tenderers are referred to this drawing

Prices will be deemed to include for everything necessary to complete the installation of the equipment as depicted on the drawings and no extras in this regard will be entertained

DEMOLITIONS

- 1 Carefully take out and hand over to Client existing kitchen equipment, complete and replace with the below measured equipment

MARKS KITCHEN

Kitchen Area

| | | | Item | |
|----|--|----|------|--|
| 2 | 2.5mm Glass door underbar | No | 4 | |
| 3 | 10 Pan combi steamer with and including stacking kit | No | 1 | |
| 4 | 6x1/2 Pan capacity steamer with and including stacking kit | No | 1 | |
| 5 | iCombi Classic 102 steamer with and including stacking kit | No | 1 | |
| 6 | Approved rack advancing dishwasher | No | 1 | |
| 7 | Left-entry facing hood type dishwashing machine | No | 1 | |
| 8 | Waste disposal unit | No | 1 | |
| 9 | 600 Piece mobile crockery rack | No | 2 | |
| 10 | 2 x 20 Litres fryer | No | 1 | |

Carried to Collection

Kitchen Equipment

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| | | | | | |
|-------------------------------|---|----|---|---|--|
| 1 | 8 Burner char-griller | No | 1 | | |
| 2 | 4-Burner gas range with oven | No | 2 | | |
| 3 | Electric heavy duty salamander with lever adjustable level grid | No | 1 | | |
| 4 | 12kg Potato peeler with timer | No | 1 | | |
| 5 | 20 Litre planetary mixer | No | 1 | | |
| <u>Breakfast Area</u> | | | | | |
| 6 | 4-Burner gas boiling stainless steel table, fitted with a stainless steel full-width crumb tray on four levelling device legs | No | 1 | | |
| 7 | 2400mm Long stainless steel filler table with splashback | No | 1 | | |
| 8 | 1200mm Wide 5-burner gas flat top half-ribbed griller on counter stand | No | 1 | | |
| 9 | iCombi compact and including stand | No | 1 | | |
| 10 | Wall-mounted Hydroboil drip tray including stainless steel drain | No | 1 | | |
| <u>90 PLEIN STREET</u> | | | | | |
| 11 | 10 Pan combi steamer with and including stacking kit | No | 1 | | |
| 12 | iCombi Classic 202 steamer with and including stacking kit | No | 1 | | |
| 13 | 1780 x 650mm Long 2.5 door underbar fridge | No | 2 | | |
| 14 | Approved rack conveyor dishwasher | No | 1 | | |
| | | | | R | |
| Carried to Collection | | | | | |
| Kitchen Equipment | | | | | |
| TENDER DOCUMENT | | | | | |

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| | | | | | |
|------------------------------|---|----|---|---|--|
| 1 | 90 Degrees size 1300mm long x 1300mm high roller outlet table | No | 1 | | |
| 2 | 620 x 1650mm Long roller outlet table | No | 1 | | |
| 3 | 600 x 1200 x 1450mm High 4-tier stainless steel shelving | No | 3 | | |
| 4 | 12kg Potato peeler with timer | No | 1 | | |
| 5 | 6-Open burner gas range c/w oven | No | 1 | | |
| 6 | 20 Litre planetary mixer | No | 1 | | |
| <u>NCOP</u> | | | | | |
| <u>Ground Floor</u> | | | | | |
| 7 | Stainless steel 4.5-door underbar fridge | No | 1 | | |
| 8 | Service existing bain maries | No | 3 | | |
| <u>First Floor</u> | | | | | |
| 9 | 1200 Hood type dishwasher | No | 2 | | |
| 10 | 145 Litre three solid tops stove | No | 2 | | |
| 11 | Pedestal stainless steel band saw mark 7HQ 1.5kw 380v 3ph | No | 1 | | |
| 12 | 6x1/2 Pan capacity steamer with and including stacking kit | No | 2 | | |
| 13 | iCombi Classic 102 steamer with and including stacking kit | No | 2 | | |
| | | | | R | |
| Carried to Collection | | | | | |
| Kitchen Equipment | | | | | |
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| | | | | | |
|--|--|------------------------------|--|----------|--|
| | <p><u>GLAZING TO STEEL WITH PUTTY</u></p> <p><u>MIRRORS, ETC.</u></p> <p><u>4mm Silvered float glass copper backed mirrors with 4mm bevelled edges, fixed with chromium plated dome headed mirror screws with rubber buffers to plugs</u></p> <p>1 Mirror size 500 x 700mm high</p> | | | | |
| | <p>Glazing</p> <p>TENDER DOCUMENT</p> | <p>Carried to Collection</p> | | <p>R</p> | |

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TENDER NO : CPT1005/22
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UPGRADING AND CONFIGURATION OF VARIOUS KITCHENS

| Item No | Unit | Quantity | Rate | Amount |
|--|------|----------|------|--------|
| <u>SECTION 2 - BUILDER'S WORK</u> | | | | |
| <u>BILL No. 14</u> | | | | |
| <u>PAINTWORK</u> | | | | |
| NOTE: Tenderers are advised to study the Model Preambles for Trades (2008) before pricing this bill | | | | |
| <u>SUPPLEMENTARY PREAMBLES</u> | | | | |
| <u>Descriptions</u> | | | | |
| Descriptions of paintwork shall be deemed to include for all cutting in | | | | |
| <u>Specialist floor coverings</u> | | | | |
| All specialist floor coverings shall be executed in strict accordance with the manufacturer's instructions | | | | |
| <u>Paint specifications</u> | | | | |
| All painting shall be done in accordance with supplier's specifications | | | | |
| <u>Trade names</u> | | | | |
| Items, materials or methods to be used specified by trade names or catalogue numbers are only an indication of the quality required. Items, materials or methods of similar quality may be used with prior written approval from the Principal Agent | | | | |
| Carried to Collection | | | R | |
| Paintwork | | | | |
| TENDER DOCUMENT | | | | |

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UPGRADING AND CONFIGURATION OF VARIOUS KITCHENS

| | | | | | |
|---|-------------------------------------|----------------|-----|---|--|
| Proof as to the suitability of the alternate product/s offered shall rest with the tenderer | | | | | |
| <u>PAINTWORK, ETC. TO NEW WORK ON</u> | | | | | |
| <u>One coat plaster primer and two coats low sheen acrylic paint on</u> | | | | | |
| 1 | On internal walls | m ² | 42 | | |
| 2 | On ceilings and beams | m ² | 24 | | |
| <u>SKIMMED PLASTER BOARD SURFACES WITH</u> | | | | | |
| <u>One coat plaster primer and two coats low sheen acrylic paint on</u> | | | | | |
| 3 | On ceilings, bulkheads and cornices | m ² | 37 | | |
| <u>FLOOR COATING</u> | | | | | |
| <u>Approved floor coating (Colour : Dusty Grey) spread rate 4-5m² to a minimum of 0.5mm thickness, applied as to manufacturer's instructions</u> | | | | | |
| 4 | On screeded floor | m ² | 646 | | |
| <u>PAINTWORK, ETC. TO PREVIOUSLY PAINTED WORK ON</u> | | | | | |
| <u>FLOATED PLASTER SURFACES WITH</u> | | | | | |
| <u>Prepare and apply one coat hi-cover primer and two coats wallbrite low sheen acrylic coating to approved colour</u> | | | | | |
| 5 | On internal walls | m ² | 136 | | |
| Carried to Collection | | | | | |
| Paintwork | | | | R | |
| TENDER DOCUMENT | | | | | |

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| | | | | | |
|-----------------------|--|----------------|-----|--|--|
| 1 | <u>Paint to match existing</u> | | | | |
| | On external walls | m ² | 15 | | |
| 2 | <u>METAL SURFACES WITH</u> | | | | |
| | <u>One coat metal primer, one coat universal undercoat and two coats satin paint on galvanized steel</u> | | | | |
| 2 | On door frames | m ² | 52 | | |
| | <u>WOOD SURFACES WITH</u> | | | | |
| 3 | <u>One coat white woodprime, one coat universal undercoat and two coats "Midacoat Satin" paint</u> | | | | |
| | On doors | m ² | 143 | | |
| Carried to Collection | | | | | |
| Paintwork | | | | | |
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UPGRADING AND CONFIGURATION OF VARIOUS KITCHENS

| Bill No | SECTION SUMMARY - Section 2: Builder's Work | | Page No | | Amount |
|--|--|--|------------|--|--------|
| | | | | | |
| 1 | Alterations | | 7 | | |
| 2 | Concrete, Formwork & Reinforcement | | 10 | | |
| 3 | Masonry | | 13 | | |
| 4 | Waterproofing | | 16 | | |
| 5 | Ceilings, Partitions and Access Flooring | | 20 | | |
| 6 | Carpentry and Joinery | | 26 | | |
| 7 | Ironmongery | | 31 | | |
| 8 | Metalwork | | 36 | | |
| 9 | Plastering | | 39 | | |
| 10 | Tiling | | 44 | | |
| 11 | Plumbing and Drainage | | 52 | | |
| 12 | Kitchen Equipment | | 58 | | |
| 13 | Glazing | | 61 | | |
| 14 | Paintwork | | 65 | | |
| CARRIED TO FINAL TENDER SUMMARY | | | | | R |
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| Section No | FINAL SUMMARY | Page No | Amount |
|---------------|--|------------|--------|
| 1 | Section 2: Builder's Work | 66 | |
| | TOTAL CARRIED FORWARD TO FORM OF TENDER (EXCLUDING VAT) | | R |
| | TENDER DOCUMENT | | |

Electrical Bills of Quantities

PARLIAMENT KITCHENS - 90 PLEIN KITCHEN

ELECTRICAL INSTALLATION

BILL OF QUANTITIES

INDEX

| <u>ITEM NO.</u> | <u>DESCRIPTION</u> |
|-----------------|---------------------------|
| A | PRELIMINARIES |
| B | LOW VOLTAGE RETICULATION |
| C | GROUND FLOOR INSTALLATION |
| D | FIRST FLOOR INSTALLATION |
| E | SUMMARY |



| ITEM NO | DESCRIPTION | UNIT | QTY | RATE | AMOUNT |
|---|--|------|-----|------|--------|
| A | PRELIMINARIES | | | | |
| | OBLIGATIONS | | | | |
| | Compliance with conditions | | | | |
| 1 | Nett price for compliance with condition of contract and various specifications which are not specifically covered elsewhere or by unit rates (including all risks insurance) | Sum | 1 | | |
| 2 | Surety. Allow the provision of a performance guarantee | Sum | 1 | | |
| 3 | All other obligations | Sum | 1 | | |
| | <u>SPECIAL PRELIMINARY AND GENERAL CONDITIONS PERTAINING TO THIS SUB-CONTRACT</u> | | | | |
| 4 | Site establishment. Allow additional for electrical site, all associated services and for storage plant, materials and equipment including protection thereof | Sum | 1 | | |
| 5 | Transport. Provide and arrange transport of all electrical material and equipment to site as well as workmen and staff | Sum | 1 | | |
| 6 | Commissioning and Testing. Supply all test equipment and labour for testing, commissioning and adjustments of all portions of electrical installation, as well as attendance for any inspection and test that the Representative/Agent may call for, including the issuing of the certificates of compliance (COC) by electrician | Sum | 1 | | |
| 7 | Guarantee. Comprehensive free maintenance for a period of 12 months (after handover) against defects in equipment and material but wear, tear excluded, including monthly inspection and to be called as and when there are related problems during this period | Sum | 1 | | |
| 8 | As built drawings. Provide a hardcopy marked up drawing (marked in red by hand) showing all the changes to the electrical installation from the drawing for a standard clinic | Sum | 1 | | |
| 9 | All notices and safety equipment as required by law | Sum | 1 | | |
| TOTAL CARRIED FORWARD TO SUMMARY | | | | | |

| ITEM NO | DESCRIPTION | UNIT | QTY | RATE | AMOUNT |
|----------|---|------|-----|------|--------|
| B | LOW VOLTAGE RETICULATION | | | | |
| | SECTION 1: POWER - GENERAL PURPOSE OUTLETS AND LIGHTING | | | | |
| 1 | DISTRIBUTION Supply, Install and connect distribution board complete with all switchgear, accessories, all fitted in the factory and tested, including delivery to site and off-loading.: | | | | |
| 1.1 | MDB-K | No | 1 | | |
| 1.2 | SDB-K1 | No | 1 | | |
| 1.3 | SDB-K2 | No | 1 | | |
| 2 | CABLES AND TERMINATIONS Supply and install multi-core PVC/PVC/SWA/PVC, copper conductor cable including terminations and all accessories. Cables laid in ducts or trenches, horizontal racks, cable tray or sleeves and fixing support. Cable trenches, ducts, sleeves measured elsewhere | | | | |
| | From Utility to MBD-K | | | | |
| 2.1 | 70mm ² 4 core cable | m | 50 | | |
| 2.2 | 50mm ² ICEW | m | 50 | | |
| 2.3 | 70mm ² 4 core cable terminations | No. | 2 | | |
| 2.4 | 50mm ² ICEW terminations | No. | 2 | | |
| | From Utility to SBD-K1 | | | | |
| 2.5 | 150mm ² 4 core cable | m | 100 | | |
| 2.6 | 120mm ² ICEW | m | 100 | | |
| 2.7 | 150mm ² 4 core cable terminations | No. | 2 | | |
| 2.8 | 120mm ² ICEW terminations | No. | 2 | | |
| | From SBD-K1 to SBD-K2 | | | | |
| 2.9 | 35mm ² 4 core cable | m | 30 | | |
| 2.10 | 25mm ² ICEW | m | 30 | | |
| 2.11 | 35mm ² 4 core cable terminations | No. | 2 | | |
| 2.12 | 25mm ² ICEW terminations | No. | 2 | | |
| 3 | TRUNKING Supply and install cable ladder complete with all accessories and steel covers: | | | | |
| 0.1 | 300mm Cable Ladder | m | 180 | | |
| 0.2 | Horizontal/Vertical Elbow | No. | 2 | | |
| 0.3 | Tee | No. | 1 | | |

| | | | | | |
|----------------------------------|--|--|--|--|--|
| | | | | | |
| TOTAL CARRIED FORWARD TO SUMMARY | | | | | |

| ITEM NO | DESCRIPTION | UNIT | QTY | RATE | AMOUNT |
|----------|---|------|-----|------|--------|
| C | GROUND FLOOR INSTALLATION | | | | |
| | SECTION 1: POWER - GENERAL PURPOSE OUTLETS AND LIGHTING | | | | |
| 1 | CONDUIT Supply and install PVC conduit complete with all accessories including couplings, bending and fixings as specified: | | | | |
| 1.1 | 25mm - cast in concrete, built in partition, brickwork or ceiling void | m | 680 | | |
| 1.2 | 35mm - cast in concrete, built in partition, brickwork or ceiling void | m | 330 | | |
| 2 | CONDUIT BOXES Supply and install conduit boxes complete with all accessories including conduit terminations | | | | |
| 2.1 | 60mm round, 25mm deep for 20mm PVC conduit mounted flush in wall or fixed to surface | No. | 20 | | |
| 2.2 | 100 x 50 x 50mm steel conduit box excluding covers | No. | 14 | | |
| 2.3 | 100 x 100 x 50mm steel conduit box excluding covers | No. | 23 | | |
| 3 | WIRING AND CONDUCTORS Supply and install PVC insulated copper conductors in required colours, drawn into conduit or trunking: | | | | |
| 3.1 | 2.5mm ² Insulated Wire | m | 500 | | |
| 3.2 | 1.5mm ² B.C.E.W. | m | 250 | | |
| 3.3 | 2.5mm ² Insulated Wire | m | 800 | | |
| 3.4 | 2.5mm ² B.C.E.W. | m | 400 | | |
| 3.5 | 2.5mm ² Insulated Wire | m | 60 | | |
| 3.6 | 2.5mm ² Insulated earth wire | m | 30 | | |
| 4 | CABLES AND TERMINATIONS Supply and install multi-core PVC/PVC/SWA/PVC, copper conductor cable including terminations and all accessories. Cables laid in ducts or trenches, horizontal racks, cable tray or sleeves and fixing support. Cable trenches, ducts, sleeves measured elsewhere | | | | |
| 4.1 | From SBD-K to 3PH Isolator 10mm ² 4 core cable | m | 280 | | |
| 4.2 | 6mm ² ICEW | m | 280 | | |
| 4.3 | 10mm ² 4 core cable terminations | No. | 24 | | |
| 4.4 | 6mm ² ICEW terminations | No. | 24 | | |
| 4.5 | From SBD-K to 3PH Isolator 4mm ² 4 core cable | m | 50 | | |
| 4.6 | 2,5mm ² ICEW | m | 50 | | |
| 4.7 | 4mm ² 4 core cable terminations | No. | 6 | | |
| 4.8 | 2,5mm ² ICEW terminations | No. | 6 | | |
| 5 | LIGHT SWITCHES Supply, install and connect flush mounted light switch complete with cover plate and all accessories. | | | | |
| 5.1 | 16A 1 lever 1 way | No. | 8 | | |
| 5.2 | 16A 2 lever 1 way | No. | 2 | | |
| 5.3 | 16A 1 lever 2 way | No. | 4 | | |
| 5.4 | 360 degree on/off presence detector | No. | 1 | | |

| | | |
|-----------------------|--|--|
| TOTAL CARRIED FORWARD | | |
|-----------------------|--|--|

| ITEM NO | DESCRIPTION | UNIT | QTY | RATE | AMOUNT |
|----------|---|------|-----|------|--------|
| | TOTAL BROUGHT FORWARD | | | | |
| 6 | LUMINAIRES Supply, install and connect luminaires mounted as specified, complete with lamps, control gear and all accessories | | | | |
| 6.1 | Type C1, 600x600mm 30W LED, 4000K 3245LM recessed white powder coated seamless aluminium extruded frame luminaire complete with low glare prismatic diffuser, 3m cabtyre and 6A pulgtop (Similar to regent lighting Luxon Prism) | No. | 9 | | |
| 6.2 | Type C3, 600x600mm 30W LED, 4000K 3245LM recessed white powder coated seamless aluminium extruded frame luminaire complete with low glare prismatic diffuser, 3m cabtyre, 6A pulgtop and 60 minutes emergency battery backup power, (Similar to regent lighting Luxon Prism) | No. | 3 | | |
| 6.3 | Type F1, 1278x112mm 33W LED 4000K 4883LM Surface mounted vapour proof luminaire abs base with stainless steel non corrosive clips, uv stabalised polycarbonate diffuser and 3m cabtyre. (Similar to Regent Lighting Nimbus) | No. | 11 | | |
| 6.4 | Type F2, 1278x112mm 33W LED 4000K 4883LM Surface mounted vapour proof luminaire abs base with stainless steel non corrosive clips, uv stabalised polycarbonate diffuser and 3m cabtyre. Complete with 60 minutes emergency battery backup power (Similar to Regent Lighting Nimbus) | No. | R/O | | |
| 6.5 | Type I1, 16W LED 4000K, 2098LM Round ceiling mounted, black powder coated die cast aluminium body, IP66 bulkhead luminaire complete with UV stabilized high impact opal diffuser. (Similar to regent lighting solo) | No. | 11 | | |
| 6.6 | Type I2, 16W LED 4000K, 2098LM Round wall mounted, black powder coated die cast aluminium body, IP66 bulkhead luminaire complete with UV stabilized high impact opal diffuser. (Similar to regent lighting solo) | No. | 2 | | |
| 6.7 | Type EXIT, 310x310x65mm 14W LED 4000K 2584LM, wall mount exit signage luminaire with fibreglass frame, toughened glass lens green on white labeling and cutout at the bottom with perspex cover for threshold lighting and 60 minutes battery backup (Similar to voltex E10-14WLED EMG) | No. | R/O | | |
| 7 | SWITCHED AND UNSWITCHED SOCKET OUTLETS Supply, install and connect socket outlets mounted flush in wall or as specified, complete with cover plates and all accessories: | | | | |
| 7.1 | 16A 3-pin normal single switched socket and 16A 164-2 (2P+E) socket outlet combination | No. | 20 | | |
| 7.2 | 5A unswitched socket outlet | No. | 12 | | |
| 8 | ISOLATORS Supply and install Isolators mounted flush or surface on wall complete with cover plate, steel conduit box and all accessories.(similar or equal to Cabtree) | | | | |
| 8.1 | Three phase isolator surface mounted against soffit or wall | No. | R/O | | |
| 8.2 | Single phase isolator surface mounted against soffit or wall | No. | 4 | | |
| 8.3 | Single phase isolator recessed in wall | No. | 1 | | |
| 8.4 | Three phase isolator recessed in wall | No. | 2 | | |
| 8.5 | 63A (3P+N+E 5 PIN) Three phase electrical outlet point IP44 for inside and IP65 for outside | No. | 2 | | |
| 8.6 | 32A (2P+E) Single phase electrical outlet point IP44 for inside and IP65 for outside | No. | 1 | | |

8 **TRUNKING**

Supply and install wiring trunking complete with all accessories and steel covers:

| | | | | | |
|---|--|-----|-----|--|--|
| 8.1 | P9000 Trunking | m | 110 | | |
| 8.2 | Horizontal/Vertical Elbow | No. | 2 | | |
| 8.3 | Tee | No. | 6 | | |
| 8.4 | 4 way | No. | 2 | | |
| 8.5 | End Cap | No. | 10 | | |
| 8.6 | DB-Entry | No. | 2 | | |
| 8.7 | P8000 Trunking | m | 120 | | |
| 8.8 | Horizontal/Vertical Elbow | No. | 1 | | |
| 8.9 | Tee | No. | 3 | | |
| 8.10 | 4 way | No. | 1 | | |
| 8.11 | End Cap | No. | 6 | | |
| 8.12 | DB-Entry | No. | 1 | | |
| 9 | ELECTRONIC CONDUIT INSTALLATION OUTLETS Supply and install steel conduit boxes in concrete, built in brickwork or as specified including blank cover plates. | | | | |
| 9.1 | 25mm - PVC cast in concrete, built in partition, brickwork or ceiling void | m | 200 | | |
| 9.2 | 25mm - Galvanised surface mounted or in ceiling void | m | 50 | | |
| 9.3 | 60mm round, 25mm deep for 25mm PVC conduit mounted flush in wall or fixed to surface | No. | 4 | | |
| TOTAL CARRIED FORWARD TO SUMMARY | | | | | |

| ITEM NO | DESCRIPTION | UNIT | QTY | RATE | AMOUNT |
|----------|---|------|-----|------|--------|
| D | FIRST FLOOR INSTALLATION | | | | |
| | SECTION 1: POWER - GENERAL PURPOSE OUTLETS AND LIGHTING | | | | |
| 1 | CONDUIT Supply and install PVC conduit complete with all accessories including couplings, bending and fixings as specified: | | | | |
| 1.1 | 25mm - cast in concrete, built in partition, brickwork or ceiling void | m | 550 | | |
| 1.2 | 32mm - cast in concrete, built in partition, brickwork or ceiling void | m | 150 | | |
| 2 | CONDUIT BOXES Supply and install conduit boxes complete with all accessories including conduit terminations | | | | |
| 2.1 | 60mm round, 25mm deep for 20mm PVC conduit mounted flush in wall or fixed to surface | No. | 36 | | |
| 2.2 | 100 x 50 x 50mm steel conduit box excluding covers | No. | 13 | | |
| 2.3 | 100 x 100 x 50mm steel conduit box excluding covers | No. | 23 | | |
| 3 | WIRING AND CONDUCTORS Supply and install PVC insulated copper conductors in required colours, drawn into conduit or trunking: | | | | |
| 3.1 | 2.5mm ² Insulated Wire | m | 400 | | |
| 3.2 | 1.5mm ² B.C.E.W. | m | 200 | | |
| 3.3 | 2.5mm ² Insulated Wire | m | 600 | | |
| 3.4 | 2.5mm ² B.C.E.W. | m | 300 | | |
| 3.5 | 2.5mm ² Insulated Wire | m | 100 | | |
| 3.6 | 2.5mm ² Insulated earth wire | m | 50 | | |
| 4 | CABLES AND TERMINATIONS Supply and install multi-core PVC/PVC/SWA/PVC, copper conductor cable including terminations and all accessories. Cables laid in ducts or trenches, horizontal racks, cable tray or sleeves and fixing support. Cable trenches, ducts, sleeves measured elsewhere | | | | |
| | From MBD-K to 3PH Isolator | | | | |
| 4.1 | 16mm ² 4 core cable | m | 20 | | |
| 4.2 | 10mm ² ICEW | m | 20 | | |
| 4.3 | 16mm ² 4 core cable terminations | No. | 2 | | |
| 4.4 | 10mm ² ICEW terminations | No. | 2 | | |
| | From MBD-K to 3PH Isolator | | | | |
| 4.4 | 10mm ² 4 core cable | m | 60 | | |
| 4.5 | 6mm ² ICEW | m | 60 | | |
| 4.6 | 10mm ² 4 core cable terminations | No. | 4 | | |
| 4.7 | 6mm ² ICEW terminations | No. | 4 | | |
| | From MBD-K to 3PH Isolator | | | | |
| 4.3 | 4mm ² 4 core cable | m | 50 | | |
| 4.4 | 2.5mm ² ICEW | m | 50 | | |
| 4.5 | 4mm ² 4 core cable terminations | No. | 2 | | |

| | | | | |
|-----------------------|--------------------------------------|-----|---|--|
| 4.6 | 2,5mm ² ICEW terminations | No. | 2 | |
| TOTAL CARRIED FORWARD | | | | |

| ITEM NO | DESCRIPTION | UNIT | QTY | RATE | AMOUNT |
|----------|---|------|-----|------|--------|
| | TOTAL BROUGHT FORWARD | | | | |
| 5 | LIGHT SWITCHES Supply, install and connect flush mounted light switch complete with cover plate and all accessories. | | | | |
| 5.1 | 16A 1 lever 1 way | No. | 4 | | |
| 5.2 | 16A 2 lever 1 way | No. | 4 | | |
| 5.3 | 16A 1 lever 2 way | No. | 5 | | |
| 5.4 | 360 degree on/off presence detector | No. | 1 | | |
| 6 | LUMINAIRES Supply, Install and connect luminaires mounted as specified, complete with lamps, control gear and all accessories | | | | |
| 6.1 | Type C1, 600x600mm 30W LED, 4000K 3245LM recessed white powder coated seamless aluminium extruded frame luminaire complete with low glare prismatic diffuser, 3m cabtyre and 6A pulgtop (Similar to regent lighting Luxon Prism) | No. | 12 | | |
| 6.2 | Type C3, 600x600mm 30W LED, 4000K 3245LM recessed white powder coated seamless aluminium extruded frame luminaire complete with low glare prismatic diffuser, 3m cabtyre, 6A pulgtop and 60 minutes emergency battery backup power, (Similar to regent lighting Luxon | No. | 11 | | |
| 6.3 | Type F1, 1278x112mm 33W LED 4000K 4883LM Surface mounted vapour proof luminaire abs base with stainless steel non corrosive clips, uv stabalised polycarbonate diffuser and 3m cabtyre. (Similar to Regent Lighting Nimbus) | No. | 2 | | |
| 6.4 | Type F2, 1278x112mm 33W LED 4000K 4883LM Surface mounted vapour proof luminaire abs base with stainless steel non corrosive clips, uv stabalised polycarbonate diffuser and 3m cabtyre. Complete with 60 minutes emergency battery backup power (Similar to Regent Lighting Nimbus) | No. | 2 | | |
| 6.5 | Type I1, 16W LED 4000K, 2098LM Round ceiling mounted, black powder coated die cast aluminium body, IP66 bulkhead luminaire complete with UV stabilized high impact opal diffuser. (Similar to regent lighting solo) | No. | 4 | | |
| 6.6 | Type I2, 16W LED 4000K, 2098LM Round wall mounted, black powder coated die cast aluminium body, IP66 bulkhead luminaire complete with UV stabilized high impact opal diffuser. (Similar to regent lighting solo) | No. | 4 | | |
| 7 | SWITCHED AND UNSWITCHED SOCKET OUTLETS Supply, install and connect socket outlets mounted flush in wall or as specified, complete with cover plates and all accessories: | | | | |
| 7.1 | 16A 3-pin dedicated double switch socket outlet (Red). | No. | 1 | | |
| 7.2 | 16A 3-pin dedicated single switch socket outlet (Red) on power | No. | 3 | | |
| 7.3 | 16A 3-pin normal single switch socket outlet (white) on power skirting | No. | 3 | | |
| 7.4 | 16A 3-pin normal single switched socket with 2 x euro socket outlet combination | No. | 22 | | |
| 7.5 | 5A unswitched socket outlet | No. | 35 | | |

| | | | | | |
|-----------------------|--|--|--|--|--|
| TOTAL CARRIED FORWARD | | | | | |
|-----------------------|--|--|--|--|--|

| ITEM NO | DESCRIPTION | UNIT | QTY | RATE | AMOUNT |
|-----------|--|------|-----|------|--------|
| | TOTAL BROUGHT FORWARD | | | | |
| 8 | ISOLATORS Supply and install Isolators mounted flush or surface on wall complete with cover plate, steel conduit box and all accessories.(similar or equal to Cabtree) | | | | |
| 8.1 | Three phase isolator surface mounted against soffit or wall | No. | 3 | | |
| 8.2 | Single phase isolator surface mounted against soffit or wall | No. | 4 | | |
| 8.3 | Single phase isolator recessed in wall | No. | 1 | | |
| 8.4 | Three phase isolator recessed in wall | No. | 7 | | |
| 8.5 | 63A (3P+N+E 5 PIN) Three phase electrical outlet point IP44 for inside and IP65 for outside | No. | 8 | | |
| 7 | TRUNKING Supply and install wiring trunking complete with all accessories and steel covers: | | | | |
| 7.1 | P9000 Trunking | m | 200 | | |
| 7.2 | Horizontal/Vertical Elbow | No. | 4 | | |
| 7.3 | Tee | No. | 6 | | |
| 7.4 | 4 way | No. | 2 | | |
| 7.5 | End Cap | No. | 16 | | |
| 7.6 | DB-Entry | No. | | | |
| 7.7 | P8000 Trunking | m | 80 | | |
| 7.8 | Horizontal/Vertical Elbow | No. | 2 | | |
| 7.9 | Tee | No. | 3 | | |
| 7.10 | End Cap | No. | 6 | | |
| 7.11 | DB-Entry | No. | 4 | | |
| 9 | POWER SKIRTING Supply and install 3-compartment aluminium powerskirting complete with covers and accessories, mounted along straight wall. | m | 10 | | |
| 9.1 | | | | | |
| 9.2 | Ends | No. | 2 | | |
| 9.3 | 90 degree internal and external bends | No. | 1 | | |
| 10 | ELECTRONIC CONDUIT INSTALLATION OUTLETS Supply and install steel conduit boxes in concrete, built in brickwork or as specified including blank cover plates. | | | | |
| 10.1 | 25mm - PVC cast in concrete, built in partition, brickwork or ceiling | m | 300 | | |
| 10.2 | 25mm - Galvanised surface mounted or in ceiling void | m | 50 | | |
| 10.3 | 100 x 100 x 50mm flush mounted (DATA) | No. | 5 | | |
| 10.4 | 100 x 100 x 50mm power skirting mounted (DATA) | No. | 5 | | |
| 10.5 | 60mm round, 25mm deep for 25mm PVC conduit mounted flush in wall or fixed to surface | No. | 3 | | |

TOTAL CARRIED FORWARD TO SUMMARY

| |
|--|
| |
|--|

PARLIAMENT KITCHENS - 90 PLEIN KITCHEN

5.1

| ITEM NO | DESCRIPTION | AMOUNT |
|---------|--------------------------------|--------|
| D | SUMMARY OF ELECTRICAL WORK | |
| 1 | Preliminaries and General | |
| 2 | Low Voltage Installation | |
| 3 | Ground Floor Installation | |
| 4 | First Floor Installation | |
| | TOTAL CARRIED TO FORM OF OFFER | |

PARLIAMENT KITCHENS - MARKS KITCHEN

ELECTRICAL INSTALLATION

BILL OF QUANTITIES

INDEX

| <u>ITEM NO.</u> | <u>DESCRIPTION</u> |
|-----------------|---------------------------|
| A | PRELIMINARIES AND GENERAL |
| B | LOW VOLTAGE RETICULATION |
| C | GROUND FLOOR INSTALLATION |
| D | BASEMENT INSTALLATION |
| E | SUMMARY |

| ITEM | DESCRIPTION | UNIT | QTY | UNIT PRICE | TOTAL AMOUNT |
|---|--|------|-----|------------|--------------|
| A | PRELIMINARIES AND GENERAL | | | | |
| | OBLIGATIONS | | | | |
| | Compliance with conditions | | | | |
| 1 | Nett price for compliance with condition of contract and various specifications which are not specifically covered elsewhere or by unit rates (including all risks insurance) | Sum | 1 | | |
| 2 | Surety. Allow the provision of a performance guarantee | Sum | 1 | | |
| 3 | All other obligations | Sum | 1 | | |
| | <u>SPECIAL PRELIMINARY AND GENERAL CONDITIONS PERTAINING TO THIS SUB-CONTRACT</u> | | | | |
| 4 | Site establishment. Allow additional for electrical site, all associated services and for storage plant, materials and equipment including protection thereof | Sum | 1 | | |
| 5 | Transport. Provide and arrange transport of all electrical material and equipment to site as well as workmen and staff | Sum | 1 | | |
| 6 | Commissioning and Testing. Supply all test equipment and labour for testing, commissioning and adjustments of all portions of electrical installation, as well as attendance for any inspection and test that the Representative/Agent may call for, including the issuing of the certificates of compliance (COC) by electrician | Sum | 1 | | |
| 7 | Guarantee. Comprehensive free maintenance for a period of 12 months (after handover) against defects in equipment and material but wear, tear excluded, including monthly inspection and to be called as and when there are related problems during this period | Sum | 1 | | |
| 8 | As built drawings. Provide a hardcopy marked up drawing (marked in red by hand) showing all the changes to the electrical installation from the drawing for a standard clinic | Sum | 1 | | |
| 9 | All notices and safety equipment as required by law | Sum | 1 | | |
| TOTAL CARRIED FORWARD TO SUMMARY | | | | | |

| ITEM NO | DESCRIPTION | UNIT | QTY | RATE | AMOUNT |
|---|---|------|-----|------|--------|
| B | LOW VOLTAGE RETICULATION | | | | |
| | SECTION 1: POWER - GENERAL PURPOSE OUTLETS AND LIGHTING | | | | |
| 1 | DISTRIBUTION | | | | |
| | Supply, Install and connect distribution board complete with all switchgear, accessories, all fitted in the factory and tested, including delivery to site and off-loading.: | | | | |
| 1.1 | SDB-K | No | 1 | | |
| 2 | CABLES AND TERMINATIONS | | | | |
| | Supply and install multi-core PVC/PVC/SWA/PVC, copper conductor cable including terminations and all accessories. Cables laid in ducts or trenches, horizontal racks, cable tray or sleeves and fixing support. Cable trenches, ducts, sleeves measured elsewhere | | | | |
| | From Utility to SDB-K | | | | |
| 2.1 | 2x185mm ² 4 core cable | m | 150 | | |
| 2.2 | 150mm ² ICEW | m | 150 | | |
| 2.3 | 2x185mm ² 4 core cable terminations | No. | 4 | | |
| 2.4 | 150mm ² ICEW terminations | No. | 4 | | |
| 3 | TRUNKING | | | | |
| | Supply and install cable ladder complete with all accessories and steel covers: | | | | |
| 3.1 | 300mm Cable Ladder | m | 100 | | |
| TOTAL CARRIED FORWARD TO SUMMARY | | | | | |

| ITEM NO | DESCRIPTION | UNIT | QTY | RATE | AMOUNT |
|----------|---|------|------|------|--------|
| C | GROUND FLOOR INSTALLATION | | | | |
| | SECTION 1: POWER - GENERAL PURPOSE OUTLETS AND LIGHTING | | | | |
| 1 | CONDUIT Supply and install PVC conduit complete with all accessories including couplings, bending and fixings as specified: | | | | |
| 1.1 | 25mm - cast in concrete, built in partition, brickwork or ceiling void | m | 1000 | | |
| 1.2 | 40mm - cast in concrete, built in partition, brickwork or ceiling void | m | 500 | | |
| 2 | CONDUIT BOXES Supply and install conduit boxes complete with all accessories including conduit terminations | | | | |
| 2.1 | 60mm round, 25mm deep for 25mm PVC conduit mounted flush in wall or fixed to surface | No. | 43 | | |
| 2.2 | 100 x 50 x 50mm steel conduit box excluding covers | No. | 17 | | |
| 2.3 | 100 x 100 x 50mm steel conduit box excluding covers | No. | 82 | | |
| 3 | WIRING AND CONDUCTORS Supply and install PVC insulated copper conductors in required colours, drawn into conduit or trunking: | | | | |
| 3.1 | 2.5mm ² Insulated Wire | m | 500 | | |
| 3.2 | 1.5mm ² B.C.E.W. | m | 250 | | |
| 3.3 | 4mm ² Insulated Wire | m | 1400 | | |
| 3.4 | 2.5mm ² B.C.E.W. | m | 700 | | |
| 4 | CABLES AND TERMINATIONS Supply and install multi-core PVC/PVC/SWA/PVC, copper conductor cable including terminations and all accessories. Cables laid in ducts or trenches, horizontal racks, cable tray or sleeves and fixing support. Cable trenches, ducts, sleeves measured elsewhere | | | | |
| | From SBD-K to 3PH Isolator | | | | |
| 4.1 | 16mm ² 4 core cable | m | 300 | | |
| 4.2 | 10mm ² ICEW | m | 300 | | |
| 4.3 | 16mm ² 4 core cable terminations | No. | 22 | | |
| 4.4 | 10mm ² ICEW terminations | No. | 22 | | |
| | From SBD-K to 3PH Isolator | | | | |
| 4.4 | 10mm ² 4 core cable | m | 120 | | |
| 4.5 | 6mm ² ICEW | m | 120 | | |
| 4.6 | 10mm ² 4 core cable terminations | No. | 12 | | |
| 4.7 | 6mm ² ICEW terminations | No. | 12 | | |
| | From SBD-K to 1PH Isolator | | | | |
| 4.8 | 6mm ² 4 core cable | m | 50 | | |
| 4.9 | 4mm ² ICEW | m | 50 | | |
| 4.10 | 6mm ² 4 core cable terminations | No. | 4 | | |
| 4.11 | 4mm ² ICEW terminations | No. | 4 | | |
| 5 | LIGHT SWITCHES Supply, install and connect flush mounted light switch complete with cover plate and all accessories. | | | | |
| 5.1 | 16A 1 lever 1 way | No. | 10 | | |
| 5.2 | 16A 2 lever 1 way | No. | 2 | | |
| 5.3 | 16A 1 lever 2 way | No. | 4 | | |
| 5.4 | 360 degree on/off presence detector | No. | 1 | | |

| | | | | | |
|-----------------------|--|--|--|--|--|
| TOTAL CARRIED FORWARD | | | | | |
|-----------------------|--|--|--|--|--|

| ITEM NO | DESCRIPTION | UNIT | QTY | RATE | AMOUNT |
|----------|---|------|-----|------|--------|
| | TOTAL BROUGHT FORWARD | | | | |
| 6 | LUMINAIRES Supply, install and connect luminaires mounted as specified, complete with lamps, control gear and all accessories | | | | |
| 6.1 | Type C1, 600x600mm 30W LED, 4000K 3245LM recessed white powder coated seamless aluminium extruded frame luminaire complete with low glare prismatic diffuser, 3m cabtyre and 6A pulgtop (Similar to regent lighting Luxon Prism) | No. | 23 | | |
| 6.2 | Type C3, 600x600mm 30W LED, 4000K 3245LM recessed white powder coated seamless aluminium extruded frame luminaire complete with low glare prismatic diffuser, 3m cabtyre, 6A pulgtop and 60 minutes emergency battery backup power, (Similar to regent lighting Luxon Prism) | No. | 15 | | |
| 6.3 | Type F1, 1278x112mm 33W LED 4000K 4883LM Surface mounted vapour proof luminaire abs base with stainless steel non corrosive clips, uv stabalised polycarbonate diffuser and 3m cabtyre. (Similar to Regent Lighting Nimbus) | No. | 4 | | |
| 6.4 | Type I2, 16W LED 4000K, 2098LM Round wall mounted, black powder coated die cast aluminium body, IP66 bulkhead luminaire complete with UV stabilized high impact opal diffuser. (Similar to regent lighting solo) | No. | 1 | | |
| 6.5 | Type EXIT, 310x310x65mm 14W LED 4000K 2584LM, wall mount exit signage luminaire with fibreglass frame, toughened glass lens green on white labeling and cutout at the bottom with perspex cover for threshold lighting and 60 minutes battery backup (Similar to voltex E10-14WLED EMG) | R/O | | | |
| 7 | SWITCHED AND UNSWITCHED SOCKET OUTLETS Supply, install and connect socket outlets mounted flush in wall or as specified, complete with cover plates and all accessories: | | | | |
| 7.1 | 16A 3-pin normal single switched socket and 16A 164-2 (2P+E) socket outlet combination | No. | 60 | | |
| 7.2 | 16A 3-pin normal single switched socket and 16A 164-2 (2P+E) socket outlet combination IP65 (in yorkbox) | No. | 1 | | |
| 7.3 | 16A 3-pin double dedicated switch socket outlet (Red). | No. | 1 | | |
| 7.4 | 5A unswitched socket outlet | No. | 38 | | |
| 8 | ISOLATORS Supply and install Isolators mounted flush or surface on wall complete with cover plate, steel conduit box and all accessories.(similar or equal to Cabtree) | | | | |
| 8.1 | Three phase isolator surface mounted against soffit or wall | No. | 2 | | |
| 8.2 | Single phase isolator surface mounted against soffit or wall | No. | 11 | | |
| 8.3 | Single phase isolator recessed in wall | No. | 4 | | |
| 8.4 | Three phase isolator recessed in wall | No. | 16 | | |
| 8.5 | 63A (3P+N+E 5 PIN) Three phase electrical outlet point IP44 for inside and IP65 for outside | No. | 16 | | |
| 8.6 | 32A (2P+E) Single phase electrical outlet point IP44 for inside and IP65 for outside | No. | 1 | | |
| 8 | TRUNKING Supply and install wiring trunking complete with all accessories and steel covers: | | | | |
| 8.1 | P9000 Trunking | m | 300 | | |
| 8.2 | Horizontal/Vertical Elbow | No. | 12 | | |
| 8.3 | Tee | No. | 8 | | |
| 8.4 | 4 way | No. | 16 | | |
| 8.5 | End Cap | No. | 18 | | |
| 8.6 | DB-Entry | No. | 2 | | |
| 8.6 | P8000 Trunking | m | 120 | | |
| 8.7 | Horizontal/Vertical Elbow | No. | 8 | | |
| 8.8 | Tee | No. | 3 | | |
| 8.9 | 4 way | No. | 12 | | |

| | | | | | |
|---|---|-----|-----|--|--|
| 8.10 | End Cap | No. | 8 | | |
| 8.11 | DB-Entry | No. | 1 | | |
| ELECTRONIC CONDUIT INSTALLATION | | | | | |
| 9 | CONDUIT | | | | |
| | Supply and install PVC/ Galvanised conduit complete with all accessories including couplings, bending and fixings as specified: | | | | |
| 9.1 | 25mm - PVC cast in concrete, built in partition, brickwork or ceiling void | m | 300 | | |
| 9.2 | 25mm - Galvanised surface mounted or in ceiling void | m | 50 | | |
| 9.3 | 60mm round, 25mm deep for 25mm PVC conduit mounted flush in wall or fixed to surface | No. | 4 | | |
| TOTAL CARRIED FORWARD TO SUMMARY | | | | | |

| ITEM NO | DESCRIPTION | UNIT | QTY | RATE | AMOUNT |
|----------|---|------|-----|------|--------|
| D | BASEMENT LEVEL INSTALLATION | | | | |
| | SECTION 1: POWER - GENERAL PURPOSE OUTLETS AND LIGHTING | | | | |
| 1 | CONDUIT Supply and install PVC conduit complete with all accessories including couplings, bending and fixings as specified: | | | | |
| 1.1 | 25mm - cast in concrete, built in partition, brickwork or ceiling void | m | 200 | | |
| 2 | CONDUIT BOXES Supply and install conduit boxes complete with all accessories including conduit terminations | | | | |
| 2.1 | 60mm round, 25mm deep for 20mm PVC conduit mounted flush in wall or fixed to surface | No. | 10 | | |
| 2.2 | 100 x 50 x 50mm steel conduit box excluding covers | No. | 4 | | |
| 2.3 | 100 x 100 x 50mm steel conduit box excluding covers | No. | 4 | | |
| 3 | WIRING AND CONDUCTORS Supply and install PVC insulated copper conductors in required colours, drawn into conduit or trunking: | | | | |
| 3.1 | 2.5mm ² Insulated Wire | m | 80 | | |
| 3.2 | 1.5mm ² B.C.E.W. | m | 40 | | |
| 3.3 | 2.5mm ² Insulated Wire | m | 200 | | |
| 3.4 | 2.5mm ² B.C.E.W. | m | 100 | | |
| 4 | LIGHT SWITCHES Supply, install and connect flush mounted light switch complete with cover plate and all accessories. | | | | |
| 4.1 | 16A 1 lever 1 way | No. | 4 | | |
| 5 | LUMINAIRES Supply, Install and connect luminaires mounted as specified, complete with lamps, control gear and all accessories | | | | |
| 5.1 | Type F1, 1278x112mm 33W LED 4000K 4883LM Surface mounted vapour proof luminaire abs base with stainless steel non corrosive clips, uv stabalised polycarbonate diffuser and 3m cabtyre. (Similar to Regent Lighting Nimbus) | No. | 6 | | |
| 6 | ISOLATORS Supply and install Isolators mounted flush or surface on wall complete with cover plate, steel conduit box and all accessories.(similar or equal to Cabtree) | | | | |
| 6.1 | Single phase isolator surface mounted against soffit or wall | No. | 4 | | |

[illegible]

5.1

| ITEM NO | DESCRIPTION | AMOUNT |
|---------|--------------------------------|--------|
| D | SUMMARY OF ELECTRICAL WORK | |
| 1 | Preliminaries and General | |
| 2 | Low Voltage Installation | |
| 3 | Basement Level Installation | |
| 4 | First Floor Installation | |
| | TOTAL CARRIED TO FORM OF OFFER | |

Mechanical Bills of Quantities

**PARLIAMENT KITCHENS
90 PLEIN STREET**

MECHANICAL INSTALLATIONS

FIRE PROTECTION

BILL OF QUANTITIES

INDEX

- 1 PRELIMINARY & GENERAL
- 2 FIRE PROTECTION INSTALLATION
- 3 SUMMARY

| ITEM | DESCRIPTION | UNIT | QTY | RATE | AMOUNT |
|---|--|------|-----|------|--------|
| | PRELIMINARY & GENERAL | | | | |
| 1 | NOMINATED/SELECTED SUBCONTRACT AGREEMENT | | | | |
| 1.1 | Compliance with Nominated/Selected Subcontract Agreement, JBCC | Sum | 1 | | |
| 2 | PRELIMINARIES | | | | |
| 2.1 | Compliance with Specific Preliminaries of Main Contract | Sum | 1 | | |
| 3 | SITE ESTABLISHMENT | | | | |
| | Allow additional for Hot Water Generation site, all associated services and for storage plant, materials and equipment including protection thereof | Sum | 1 | | |
| 4 | TRANSPORT, RIGGING & LIFTING | | | | |
| | Provide and arrange transport of all material and equipment to site as well as workmen and staff | Sum | 1 | | |
| 5 | COMMISSIONING AND TESTING | | | | |
| | Commissioning and Testing. Supply all test equipment and labour for testing, commissioning and adjustments of all portions of the installation, as well as attendance for any inspection and test that the Representative/Agent may call for. | Sum | 1 | | |
| 6 | GUARANTEE | | | | |
| | Comprehensive free maintenance for a period of 12 months (after handover) against defects in equipment and material but wear, tear excluded, including monthly inspection and to be called as and when there are related problems during this period | Sum | 1 | | |
| TOTAL CARRIED FORWARD TO SUMMARY | | | | | |

| ITEM | DESCRIPTION | UNIT | QTY | RATE | AMOUNT |
|---|--|------|-----|------|--------|
| | <u>FIRE PROTECTION INSTALLATION</u> These bills of quantities form part of and must be read in conjunction with the Technical Specifications and Drawings, which contain the full descriptions of the work to be done and material and equipment to be used. Unless otherwise described in these bills of quantities, reference should be made to the Technical Specifications for the full meaning of descriptions of work to be done and materials and equipment to be used in this service. All materials, equipment, fixings, brackets, etc, are to be supplied by the Contractor unless otherwise stated. | | | | |
| 1 | FIRE AND DIRECTIONAL SIGNAGE Photoluminescent fire and directional signage in multiples of 190 x 190mm as SANS 1186 - 1&5 photoluminescent, installed in accordance with SANS 10400 and framed with standard aluminium moulding and mounted with concealed screws to brickwork or concrete. | | | | |
| 1.1 | Directional signage type E3. | No. | 4 | | |
| 1.2 | Fire signage type F13. | No. | 3 | | |
| 1.3 | Fire signage type F35. | No. | 2 | | |
| 4 | FIRE EXTINGUISHERS 4,5kg Dry Chemical Powder (DCP) type fire extinguisher with bracket fixed to and including single cabinet mounted on the brick wall. | | | | |
| 4.1 | | No | 3 | | |
| 8 | Kitchen Fire Blanket Supply 1,8m x 1,8m fire Blanket | | | | |
| 8.1 | | No | 2 | | |
| 9 | OTHER Any other items required for the successful completion of the work but not included in this bill of quantities. <i>Please specify:</i> (a) (b) | | | | |
| 9.1 | | | | | |
| TOTAL CARRIED FORWARD TO SUMMARY (EXCLUDING 15% VAT) | | | | | |

| ITEM | DESCRIPTION | AMOUNT |
|------|---|--------|
| | <div>90 PLEIN STREET</div> <div>FIRE PROTECTION</div> | |
| | <div>SUMMARY</div> | |
| 1 | <div>PRELIMINARY & GENERAL</div> | |
| 2 | <div>FIRE PROTECTION INSTALLATION</div> <div>Includes fire hydrants, fire water piping and fittings, fire extinguishers, fire hose reels and fire equipment signage</div> | |
| | TOTAL (EXCLUDING 15% VAT) | |

PARLIAMENT KITCHEN
90 PLEIN KITCHEN

HEATING, VENTILATION & AIR CONDITIONING INSTALLATION

BILL OF QUANTITIES

INDEX

- 1 PRELIMINARY & GENERAL
- 2 GROUND & FIRST FLOOR : KITCHEN EXTRACT AIR & MAKE-UP
FRESH AIR SUPPLY SYSTEMS
- 3 SUMMARY

| Item | Description | Unit | Qty | Rate | Amount |
|---|--|------|-----|------|--------|
| | Bill No. 1 | | | | |
| | PRELIMINARY & GENERAL | | | | |
| 1 | NOMINATED/SELECTED SUBCONTRACT AGREEMENT | | | | |
| | Compliance with Nominated/Selected Subcontract | Sum | 1 | | |
| 2 | PRELIMINARIES | | | | |
| | Compliance with Specific Preliminaries of Main Contract | Sum | 1 | | |
| 3 | SITE ESTABLISHMENT | | | | |
| | Allow additional for HVAC site, all associated services and for storage plant, materials and equipment including protection | Sum | 1 | | |
| 4 | TRANSPORT | | | | |
| | Provide and arrange transport of all HVAC material and equipment to site as well as workmen and staff | Sum | 1 | | |
| 5 | COMMISSIONING AND TESTING | | | | |
| | Commissioning and Testing. Supply all test equipment and labour for testing, commissioning and adjustments of all portions of HVAC installation, as well as attendance for any inspection and test that the Representative/Agent may call for | Sum | 1 | | |
| 6 | GUARANTEE | | | | |
| | Comprehensive free maintenance for a period of 12 months (after handover) against defects in equipment and material but wear, tear excluded, including monthly inspection and to be called as and when there are related problems during this period | Sum | 1 | | |
| 7 | AS-BUILT DRAWINGS | | | | |
| | Provide 3 sets of Operating and Maintenance manuals with as-built drawings | Sum | 1 | | |
| 8 | All notices and safety equipment as required by law | Sum | 1 | | |
| 9 | OTHER ITEMS | | | | |
| | Allow for the following additional items which the Tenderer considers to have been omitted and requires to be priced separately: | | | | |
| 9.1 | a) | Sum | 1 | | |
| 9.2 | b) | Sum | 1 | | |
| 9.3 | c) | Sum | 1 | | |
| TOTAL CARRIED FORWARD TO SUMMARY | | | | | |

| Item | Description | Unit | Qty | Rate | Amount |
|------|--|------|-----|------|--------|
| | Bill No. 2 | | | | |
| | GROUND & FIRST FLOOR : KITCHEN EXTRACT AIR & MAKE-UP FRESH AIR SUPPLY SYSTEMS | | | | |
| | All rates supplied in this Bill of Quantities will be deemed to include scaffolding to any height and fixing of mechanical ventilation ductwork, piping and wiring, up to and including roof height. All ducts and pipes suspended from concrete slabs, roof, ceiling, etc. shall be deemed to include in the rates all necessary hanger brackets, threaded rod | | | | |
| | KITCHEN EXTRACTION CANOPY | | | | |
| 1 | Supply and install, Canopies & Axial Fan, uninsulated round and rectangular sheetmetal ductwork including transformation pieces, bends, tees, spigots, etc., installed on roof, manufactured in accordance with SANS 1238:2005 and SANS 10173:2003, as amended, including all necessary supports, fixing, brackets, flexible connections, etc. | | | | |
| 1.1 | C-1:& C-2:(2500L x 1200W X 600(H))@ 1500L/s , Supply and install a wall mounted Grade 304 stainless steel push-pull type kitchen extraction canopy complete with electrical connections, light fittings, flashing, removable filters and drip tray, electrical wiring and connections, on/off switch and other auxiliaries as per SANS requirements | No | 2 | | |
| 1.2 | C-3:& C-4:(5500L x 1200W X 600(H))@ 3300L/s , Supply and install a wall mounted Grade 304 stainless steel push-pull type kitchen extraction canopy complete with electrical connections, light fittings, flashing, removable filters and drip tray, electrical wiring and connections, on/off switch and other auxiliaries as per SANS requirements | No | 2 | | |
| 1.3 | C-5:(2650L x 1200W X 600(H))@ 750L/s , Supply and install a wall mounted Grade 304 stainless steel push-pull type kitchen extraction canopy complete with electrical connections, light fittings, flashing, removable filters and drip tray, electrical wiring and connections, on/off switch and other auxiliaries as per SANS requirements | No | 1 | | |
| 2 | Supply and install, EF : 01 & 02 - 4800l/s @ 350Pa; Extract Air-Axia fan c/w with duct transformation fittings ,sound attenuator,air filters,burglar bars,external louvre and accessories | No | 2 | | |
| 2 | <u>DUCTING & FITTINGS</u> | | | | |
| 2.1 | 350 x 300 Duct | m | 40 | | |
| 2.2 | 450 x 400 Duct | m | 10 | | |
| 2.3 | 700 x 400 Duct | m | 6 | | |
| 2.4 | 800 x 500 Duct | m | 6 | | |
| 2.5 | 1200 x 500 Duct | No | 20 | | |
| 2.6 | 1200 X 500 TO 450 X 400 Duct Reducer Piece | No | 1 | | |
| 2.7 | 1200 X 500 TO 800 X 500 Duct Reducer Piece | No | 1 | | |

| | | | | | |
|---|---|-----|---|--|--|
| 2.8 | 700 X 400 TO 450 X 400 Duct Reducer Piece | No | 1 | | |
| 2.9 | 1200 X 500 Elbow Band Piece | No | 4 | | |
| 2.10 | 800 X 500 Elbow Band Piece | No | 4 | | |
| 2.11 | 450 X 400 Elbow Band Piece | No | 1 | | |
| 2.12 | 450 X 400 Shoe Take Off Piece | No | 4 | | |
| 2.13 | 350 X 300 Shoe Take Off Piece | No | 2 | | |
| 2.14 | Hangers and consumables | Sum | 1 | | |
| | KITCHEN MAKE-UP FRESH AIR SUPPLY | | | | |
| | Supply and install,Axial Fan, uninsulated round and rectangular sheetmetal ductwork including transformation pieces, bends, tees, spigots, etc, installed on roof, manufactured in accordance with SANS 1238:2005 and SANS 10173:2003, as amended, including all necessary supports, fixing, brackets, flexible connections, etc. | | | | |
| 3 | OAF : 01 - 1200l/s Fresh air supply Axial fan c/w with,transformation pieces sound attenuator,air filters,burglar bars,external louvre and accessories | No | 1 | | |
| 4 | <u>DUCTING & FITTINGS</u> | | | | |
| 4.1 | 800 x 500 Duct | m | 6 | | |
| 4.2 | 800 X 500 Elbow Band Piece | m | 1 | | |
| 4.3 | Ø 300mm Take Offs | m | 2 | | |
| 4.4 | Ø 300mm Flexible Duct | m | 3 | | |
| 4.5 | 1200 x 600 Supply Air Grille | No | 1 | | |
| 4.6 | 3300 x 650 Transfer Air Grille Complete with filters for 5400L/s | No | 1 | | |
| 4.7 | 1000 x 500 Transfer Air Grille Complete with filters for 1200L/s | No | 1 | | |
| 4.8 | 1200 x 400 Weather Louvre Complete with filters for 1200L/s | No | 1 | | |
| 4.9 | 750 x 700 Duct Elbow Bend | No | 1 | | |
| 4.10 | 700 x 400 Duct Take Offs | No | 2 | | |
| 4.11 | Hangers and consumables | Lot | 1 | | |
| 5 | OTHER ITEMS | | | | |
| 5.10 | Allow for the following additional items which the Tenderer considers to have been omitted and requires to be priced separately: | | | | |
| | a) | Sum | 1 | | |
| | b) | Sum | 1 | | |
| | c) | Sum | 1 | | |
| TOTAL CARRIED FORWARD TO SUMMARY | | | | | |

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PARLIAMENT KITCHEN
90 PLEIN KITCHEN

MECHANICAL INSTALLATIONS

SMOKE DETECTION

BILL OF QUANTITIES

INDEX

- 1 PRELIMINARY AND GENERAL
- 2 SMOKE DETECTION SYSTEM - GROUND FLOOR
- 3 SMOKE DETECTION SYSTEM - FIRST FLOOR
- 4 SUMMARY

| ITEM | DESCRIPTION | UNIT | QTY | RATE | AMOUNT |
|---|---|------|-----|------|--------|
| | PRELIMINARY AND GENERAL | | | | |
| 1 | NOMINATED/SELECTED SUBCONTRACT AGREEMENT | | | | |
| 1.1 | Compliance with Nominated/Selected Subcontract Agreement, JBCC | Sum | 1 | | |
| 2 | PRELIMINARIES | | | | |
| 2.1 | Compliance with Specific Preliminaries of Main Contract | Sum | 1 | | |
| 3 | SITE ESTABLISHMENT | | | | |
| 3.1 | Allow for all associated services and for storage plant, materials and equipment including protection thereof. | Sum | 1 | | |
| 4 | TRANSPORT, RIGGING & LIFTING | | | | |
| 4.1 | Provide and arrange transport of all material and equipment to site as well as workmen and staff. | Sum | 1 | | |
| 5 | COMMISSIONING AND TESTING | | | | |
| 5.1 | Commissioning and Testing. Supply all test equipment and labour for testing, commissioning and adjustments of all portions of the installation, as well as attendance for any inspection and test that the Representative/Agent may call for. | Sum | 1 | | |
| 6 | GUARANTEE & MAINTENANCE | | | | |
| 6.1 | Comprehensive free maintenance for a period of 12 months (after handover) against defects in equipment and material but wear, tear excluded, including monthly inspection and to be called as and when there are related problems during this period. | Sum | 1 | | |
| 7 | TRAINING | | | | |
| 7.1 | Training of Operators and Maintenance Staff. | Sum | 1 | | |
| 8 | AS BUILT DRAWINGS | | | | |
| 8.1 | Submission of 3 off 'As Built' drawings indicating the final positioning and layout the mechanical equipment, as installed on site by the Contractor. | Sum | 1 | | |
| 9 | OPERATING & MAINTENANCE MANUALS | | | | |
| 9.1 | Compilation and submission of 3 No. Operating & Maintenance (O&M) manuals for the mechanical installations, strictly in accordance with the format in the specification. | Sum | 1 | | |
| TOTAL CARRIED FORWARD TO SUMMARY | | | | | |

| ITEM | DESCRIPTION | UNIT | QTY | RATE | AMOUNT |
|------|--|------|-----|------|--------|
| | <p><u>SMOKE DETECTION SYSTEM - GROUND FLOOR</u></p> <p>All rates supplied in these bills of quantities will be deemed to include scaffolding to any height and fixing of the smoke detection system, and wiring, up to and including roof height. All installations suspended from concrete slabs, roof, ceiling, etc. shall be deemed to include in the rates all necessary hanger brackets, threaded rod (irrespective of the suspension length), nuts, washers, anchors and drilling of holes in the concrete slab.</p> <p><u>SMOKE DETECTION INSTALLATION</u></p> <p>1 <u>Smoke Detection Control Panel</u> Supply & install a 2-loop analogue Addressable Smoke</p> <p>1.1 Detection Control Panel, including all related accessories. The panel shall be similar or equal to the Ziton ZP3 2 Loop Panel.</p> <p>1.2 Optical Smoke Detectors</p> <p>1.3 Optical Heat Detectors</p> <p>1.4 Ceiling Void Detectors</p> <p>1.5 Detector labels</p> <p>1.6 Network communication card to mimic panel</p> <p>1.7 Sounders/Beacons</p> <p>1.8 Break Glass Units For Addressable Manual Call Point Note: Conduits and connections to be done by electrical installer</p> <p>1.9 Base sounder/strobes</p> <p>1.10 Fire Resistant Cables, PH30 In Accordance with SANS 10139</p> <p>1.11 Galvanised Conduit - 25mm with steel saddles</p> <p>1.12 <u>I/O units for shutdown of mechanical installations</u> Fresh air fan shutdown points</p> <p>2 <u>OTHER</u> Any other items required for the successful completion of the work but not included in this Bill of Quantities. <i>Please specify:</i> (a) (b) (c)</p> | | | | |
| | TOTAL CARRIED FORWARD TO SUMMARY | | | | |

| ITEM | DESCRIPTION | UNIT | QTY | RATE | AMOUNT |
|------|--|------|-----|------|--------|
| | <u>SMOKE DETECTION SYSTEM - FIRST FLOOR</u> All rates supplied in these bills of quantities will be deemed to include scaffolding to any height and fixing of the smoke detection system, and wiring, up to and including roof height. All installations suspended from concrete slabs, roof, ceiling, etc. shall be deemed to include in the rates all necessary hanger brackets, threaded rod (irrespective of the suspension length), nuts, washers, anchors and drilling of holes in the concrete slab. <u>SMOKE DETECTION INSTALLATION</u> 1 <u>Smoke Detection Control Panel</u> Supply & install a 2-loop analogue Addressable Smoke Detection Control Panel, including all related accessories. The panel shall be similar or equal to the Ziton ZP3 2 Loop Panel. 1.1 Optical Smoke Detectors 1.2 Optical Heat Detectors 1.3 Ceiling Void Detectors 1.4 Detector labels 1.5 Network communication card to mimic panel 1.6 Sounders/Beacons 1.7 Break Glass Units For Addressable Manual Call Point Note: Conduits and connections to be done by electrical installer 1.8 Base sounder/strobes 1.9 Fire Resistant Cables, PH30 In Accordance with SANS 10139 1.10 Galvanised Conduit - 25mm with steel saddles 1.11 <u>I/O units for shutdown of mechanical installations</u> Fresh air fan shutdown points 2 <u>OTHER</u> 2.1 Any other items required for the successful completion of the work but not included in this Bill of Quantities. Please specify: (a) (b) (c) | | | | |
| | TOTAL CARRIED FORWARD TO SUMMARY | | | | |

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**PARLIAMENT KITCHENS
90 PLEIN STREET**

WET SERVICES

BILL OF QUANTITIES

INDEX

- 1 PRELIMINARY & GENERAL
- 2 PLUMBING & DRAINAGE (PROVISIONAL)
- 3 PROVISIONAL SUMS
- 4 SUMMARY

| ITEM | DESCRIPTION | UNIT | QTY | RATE | AMOUNT |
|----------------------------------|---|------|-----|------|--------|
| | Bill No: 01 PLUMBING & DRAINAGE (PROVISIONAL) PREAMBLES PRELIMINARY & GENERAL 1 NOMINATED/SELECTED SUBCONTRACT AGREEMENT 1.1 Compliance with Nominated/Selected Subcontract Agreement, NEC 2 PRELIMINARIES 2.1 Compliance with Specific Preliminaries of Main Contract 3 SITE ESTABLISHMENT 3.1 Allow additional for Hot Water Generation site, all associated services and for storage plant, materials and equipment including protection thereof 4 TRANSPORT, RIGGING & LIFTING 4.1 Provide and arrange transport of all material and equipment to site as well as workmen and staff 5 COMMISSIONING AND TESTING 5.1 Commissioning and Testing. Supply all test equipment and labour for testing, commissioning and adjustments of all portions of the installation, as well as attendance for any inspection and test that the Representative/Agent may call for. 6 GUARANTEE 6.1 Comprehensive free maintenance for a period of 12 months (after handover) against defects in equipment and material but wear, tear excluded, including monthly inspection and to be called as and when there are related problems during this period | | | | |
| TOTAL CARRIED FORWARD TO SUMMARY | | | | | |

| ITEM | DESCRIPTION | UNIT | QTY | RATE | AMOUNT |
|---|--|------|-----|------|--------|
| | Bill No: 02 | | | | |
| | <u>SANITARY DRAINAGE INSTALLATION</u> | | | | |
| | These bills of quantities form part of and must be read in conjunction with the Technical Specifications and Drawings, which contain the full descriptions of the work to be done and material and equipment to be used. Unless otherwise described in these bills of quantities, reference should be made to the Technical Specifications for the full meaning of descriptions of work to be done and materials and equipment to be used in this service. All materials, equipment, fixings, brackets, etc, are to be supplied by the Contractor unless otherwise stated. | | | | |
| | SANITARY DRAINAGE PIPING | | | | |
| | Supply and Install HDPE pipe including couplers in the running length, installed in accordance with SANS 10400 and SANS 10252-2: 2004 | | | | |
| 1 | PIPING | | | | |
| 1.1 | Ø56mm | m | 30 | | |
| 2 | PIPE FITTINGS | | | | |
| 2.2 | Ø56mm fitting; 90°elbow | No | 32 | | |
| 2.3 | Ø56mm fitting; 45°elbow | No | 32 | | |
| 2.4 | Ø56mm x Ø56mm x Ø56mm fitting; 90° Equal T-Piece | No | 32 | | |
| 2.5 | Ø56mm Electro-fussion Joint | No | 32 | | |
| 2.6 | Ø56mm Butt welded Joint | No | 65 | | |
| 2.7 | Connection to under sink fittings and Consumables as per drawing | Sum | 1 | | |
| 3 | FLOOR DRAINS & WASTE TRAPS | | | | |
| 3.1 | Ø56mm "P" trap complete with coupling clamps. | No | 8 | | |
| 3.2 | Supply and Install Herbish HB200H Floor Drain | No | 1 | | |
| 3.3 | Supply and Install Herbish HB200V Floor Drain | No | 1 | | |
| 4 | OTHER | | | | |
| | Any other items required for the successful completion of the work but not included in this bill of quantities. <i>Please specify:</i> | | | | |
| 4.1 | Any other items required for the successful completion of the work but not included in this bill of quantities. <i>Please specify:</i> (a) (b) | | | | |
| TOTAL CARRIED FORWARD TO SUMMARY | | | | | |

| ITEM | DESCRIPTION | UNIT | QTY | RATE | AMOUNT |
|---|---|------|-----|-------------|--------------------|
| | Bill No. 3 | | | | |
| | PROVISIONAL SUM | | | | |
| 1 | Allow the amount for adjustment of Mechanical engineering services to be used at the discretion of the principal agent and deducted in whole or in part if not required: | | | | |
| 1.1 | For Decomissioning and Removal of existing damaged piping and fittings including unblocking the existing drainage system and making good on chassed walls and oppenings. | Sum | 1 | R 15 000.00 | R 15 000.00 |
| 1.2 | For Supply and Installation of any other item not included in the bill required to complete installations. | Sum | 1 | R 10 000.00 | R 10 000.00 |
| TOTAL CARRIED FORWARD TO SUMMARY | | | | | R 25 000.00 |

| ITEM | DESCRIPTION | AMOUNT |
|---|---|--------|
| | 90 PLEIN STREET WET SERVICES <u>SUMMARY</u> | |
| 1 | PRELIMINARY & GENERAL | |
| 2 | SANITARY DRAINAGE INSTALLATION | |
| 3 | PROVISIONAL SUM FOR MUNICIPAL WATER CONNECTION | |
| TOTAL CARRIED TO MAIN SUMMARY (EXCLUDING 15% VAT) | | |

**PARLIAMENT KITCHENS
MARKS KITCHEN**

MECHANICAL INSTALLATIONS

FIRE PROTECTION

BILL OF QUANTITIES

INDEX

- 1 PRELIMINARY & GENERAL
- 2 FIRE PROTECTION INSTALLATION
- 3 SUMMARY

| ITEM | DESCRIPTION | UNIT | QTY | RATE | AMOUNT |
|---|---|------|-----|------|--------|
| | PRELIMINARY & GENERAL | | | | |
| 1 | NOMINATED/SELECTED SUBCONTRACT AGREEMENT | | | | |
| 1.1 | Compliance with Nominated/Selected Subcontract Agreement, JBCC | Sum | 1 | | |
| 2 | PRELIMINARIES | | | | |
| 2.1 | Compliance with Specific Preliminaries of Main Contract | Sum | 1 | | |
| 3 | SITE ESTABLISHMENT | | | | |
| | Allow additional for Hot Water Generation site, all associated services and for storage plant, materials and equipment including | Sum | 1 | | |
| 4 | TRANSPORT, RIGGING & LIFTING | | | | |
| | Provide and arrange transport of all material and equipment to site as well as workmen and staff | Sum | 1 | | |
| 5 | COMMISSIONING AND TESTING | | | | |
| | Commissioning and Testing. Supply all test equipment and labour for testing, commissioning and adjustments of all portions of the installation, as well as attendance for any inspection and test that the Representative/Agent may call for. | Sum | 1 | | |
| 6 | GUARANTEE | | | | |
| | Comprehensive free maintenance for a period of 12 months (after | Sum | 1 | | |
| TOTAL CARRIED FORWARD TO SUMMARY | | | | | |

| ITEM | DESCRIPTION | UNIT | QTY | RATE | AMOUNT |
|---|---|------|-----|------|--------|
| | <p><u>FIRE PROTECTION INSTALLATION</u></p> <p>These bills of quantities form part of and must be read in conjunction with the Technical Specifications and Drawings, which contain the full descriptions of the work to be done and material and equipment to be used. Unless otherwise described in these bills of quantities, reference should be made to the Technical Specifications for the full meaning of descriptions of work to be done and materials and equipment to be used in this service. All materials, equipment, fixings, brackets, etc, are to be supplied by the Contractor unless otherwise stated.</p> | | | | |
| 1 | <p>FIRE AND DIRECTIONAL SIGNAGE</p> <p>Photoluminescent fire and directional signage in multiples of 190 x 190mm as SANS 1186 - 1&5 photoluminescent, installed in accordance with SANS 10400 and framed with standard aluminium moulding and mounted with concealed screws to brickwork or concrete.</p> | | | | |
| 1.1 | Directional signage type E3. | No. | 2 | | |
| 1.2 | Fire signage type F13. | No. | 7 | | |
| 1.3 | Fire signage type F35. | No. | 4 | | |
| 2 | <p>FIRE EXTINGUISHERS</p> <p>4,5kg Dry Chemical Powder (DCP) type fire extinguisher with bracket fixed to and including single carbinet mounted on the brick wall.</p> | No | 7 | | |
| 3 | <p>Kitchen Fire Blanket</p> <p>Supply 1,8m x 1,8m fire Blanket</p> | No | 4 | | |
| 4 | <p>OTHER</p> <p>Any other items required for the successful completion of the work but not included in this bill of quantities. <i>Please specify:</i></p> <p>(a)</p> <p>(b)</p> | | | | |
| TOTAL CARRIED FORWARD TO SUMMARY (EXCLUDING 15% VAT) | | | | | |

| ITEM | DESCRIPTION | AMOUNT |
|------|---|--------|
| | <div>MARKS KITCHEN</div> <div>FIRE PROTECTON</div> | |
| | <div>SUMMARY</div> | |
| 1 | <div>PRELIMINARY & GENERAL</div> | |
| 2 | <div>FIRE PROTECTION INSTALLATION</div> <div>Includes fire hydrants, fire water piping and fittings, fire extinguishers, fire hose reels and fire equipment signage</div> | |
| | TOTAL (EXCLUDING 15% VAT) | |

PARLIAMENT KITCHENS

MARKS KITCHEN

HEATING, VENTILATION & AIR CONDITIONING INSTALLATION

BILL OF QUANTITIES

INDEX

- 1 PRELIMINARY & GENERAL
- 2 GROUND & FIRST FLOOR : KITCHEN EXTRACT AIR & MAKE-UP FRESH AIR
SUPPLY SYSTEMS
- 3 SUMMARY

| Item | Description | Unit | Qty | Rate | Amount |
|---|--|------|-----|------|--------|
| | Bill No. 1 | | | | |
| | PRELIMINARY & GENERAL | | | | |
| 1 | NOMINATED/SELECTED SUBCONTRACT AGREEMENT | | | | |
| | Compliance with Nominated/Selected Subcontract Agreement, JBCC | Sum | 1 | | |
| 2 | PRELIMINARIES | | | | |
| | Compliance with Specific Preliminaries of Main Contract | Sum | 1 | | |
| 3 | SITE ESTABLISHMENT | | | | |
| | Allow additional for HVAC site, all associated services and for storage plant, materials and equipment including protection thereof | Sum | 1 | | |
| 4 | TRANSPORT | | | | |
| | Provide and arrange transport of all HVAC material and equipment to site as well as workmen and staff | Sum | 1 | | |
| 5 | COMMISSIONING AND TESTING | | | | |
| | Commissioning and Testing. Supply all test equipment and labour for testing, commissioning and adjustments of all portions of HVAC installation, as well as attendance for any inspection and test that the Representative/Agent may call for | Sum | 1 | | |
| 6 | GUARANTEE | | | | |
| | Comprehensive free maintenance for a period of 12 months (after handover) against defects in equipment and material but wear, tear excluded, including monthly inspection and to be called as and when there are related problems during this period | Sum | 1 | | |
| 7 | AS-BUILT DRAWINGS | | | | |
| | Provide 3 sets of Operating and Maintenance manuals with as-built drawings | Sum | 1 | | |
| 8 | All notices and safety equipment as required by law | Sum | 1 | | |
| 9 | OTHER ITEMS | | | | |
| | Allow for the following additional items which the Tenderer considers to have been omitted and | | | | |
| 9.1 | a) | Sum | 1 | | |
| 9.2 | b) | Sum | 1 | | |
| 9.3 | c) | Sum | 1 | | |
| TOTAL CARRIED FORWARD TO SUMMARY | | | | | |

| Item | Description | Unit | Qty | Rate | Amount |
|------|---|------|-----|------|--------|
| | Bill No. 2 | | | | |
| | GROUND & FIRST FLOOR : KITCHEN EXTRACT AIR & MAKE-UP FRESH AIR SUPPLY SYSTEMS | | | | |
| | All rates supplied in this Bill of Quantities will be deemed to include scaffolding to any height and fixing of mechanical ventilation ductwork, piping and wiring, up to and including roof height. All ducts and pipes suspended from concrete slabs, roof, ceiling, etc. shall be deemed to include in the rates all necessary hanger brackets, threaded rod (irrespective of the suspension length), nuts. | | | | |
| | KITCHEN EXTRACTION CANOPY | | | | |
| 1 | Supply and install, Canopies & Axial Fan, uninsulated round and rectangular sheetmetal ductwork including transformation pieces, bends, tees, spigots, etc, installed on roof, manufactured in accordance with SANS 1238:2005 and SANS 10173:2003, as amended, including all necessary supports, fixing, brackets, flexible connections, etc. | | | | |
| 1.1 | C-1:& C-2:(6200L x 1600W X 600(H))@ 4960L/s , Supply and install a wall mounted Grade 304 stainless steel push-pull type kitchen extraction canopy complete with electrical connections, light fittings, flashing, removable filters and drip tray, electrical wiring and connections, on/off switch and other auxiliaries as per SANS | No | 2 | | |
| 1.2 | C-3:(2800L x 1300W X 600(H))@ 1274L/s , Supply and install a wall mounted Grade 304 stainless steel push-pull type kitchen extraction canopy complete with electrical connections, light fittings, flashing, removable filters and drip tray, electrical wiring and connections, on/off switch and other auxiliaries as per SANS requirements | No | 1 | | |
| 1.3 | C-4:(2900L x 1200W X 600(H))@ 1740L/s , Supply and install a wall mounted Grade 304 stainless steel push-pull type kitchen extraction canopy complete with electrical connections, light fittings, flashing, removable filters and drip tray, electrical wiring and connections, on/off switch and other auxiliaries as per SANS requirements | No | 1 | | |
| 1.4 | C-5:(2650L x 1200W X 600(H))@ 740L/s , Supply and install a wall mounted Grade 304 stainless steel push-pull type kitchen extraction canopy complete with electrical connections, light fittings, flashing, removable filters and drip tray, electrical wiring and connections, on/off switch and other auxiliaries as per SANS requirements | No | 1 | | |
| 2 | Supply and install, EAF - MB: 01 - 13,73m³/s @ 320Pa; Extract Air- Axia fan c/w with duct transformation fittings ,sound attenuator,air filters,burglar bars,external louvre and accessories | No | 1 | | |
| 2 | <u>DUCTING & FITTINGS</u> | | | | |
| 2.1 | 348 x 300 Duct | m | 3 | | |
| 2.2 | 350 x 300 Duct | m | 5 | | |
| 2.3 | 450 x 500 Duct | m | 4 | | |

| Item | Description | Unit | Qty | Rate | Amount |
|------|---|------|-----|------|--------|
| 2.4 | 500 x 600 Duct | m | 3 | | |
| 2.5 | 600 x 400 Duct | m | 15 | | |
| 2.6 | 1200 x 550 Duct | m | 6 | | |
| 2.7 | 1200 x 1200 Duct | m | 6 | | |
| 2.8 | 1500 x 1100 Duct | No | 6 | | |
| 2.9 | 1500 X 1100 TO 1200 X 1200 Duct Reducer Piece | No | 1 | | |
| 2.10 | 1200 X 1200 TO 500 x 650 Duct Reducer Piece | No | 1 | | |
| 2.11 | 900mm dia. X 1500 X 1100 Duct Transformation Piece | No | 1 | | |
| 2.12 | 350 X 300 Elbow Band Piece | No | 1 | | |
| 2.13 | 600 X 400 Elbow Band Piece | No | 1 | | |
| 2.14 | 400 X 500 Elbow Band Piece | No | 3 | | |
| 2.14 | 600 X 400 45deg. Band Piece | No | 2 | | |
| 2.15 | 600 X 400 Shoe Take Off Piece | No | 1 | | |
| 2.16 | 450 X 500 Shoe Take Off Piece | No | 1 | | |
| 2.17 | 350 X 300 Shoe Take Off Piece | No | 1 | | |
| 2.18 | 500 x 600 Duct Stop End | No | 1 | | |
| 2.19 | Hangers and consumables | Sum | 1 | | |
| | KITCHEN MAKE-UP FRESH AIR SUPPLY | | | | |
| | Supply and install,Axial Fan, uninsulated round and rectangular sheetmetal ductwork including transformation pieces, bends, tees, spigots, etc, installed on roof, manufactured in accordance with SANS 1238:2005 and SANS 10173:2003, as amended, including all necessary supports, fixing, brackets, flexible connections, etc. | | | | |
| 3 | OAF : 01 - 10,98m3/s Fresh air supply Axial fan c/w with,transformation pieces sound attenuator,air filters,burglar bars,external louvre and | No | 1 | | |
| 4 | <u>DUCTING & FITTINGS</u> | | | | |
| 4.1 | 1000 x 1300 Duct | m | 10 | | |
| 4.2 | 1000 x 800 Duct | m | 6 | | |
| 4.3 | 900 x 600 Duct | m | 5 | | |
| 4.4 | 700 x 800 Duct | m | 8 | | |
| 4.5 | 1200 x 300 Duct | No | 3 | | |
| 4.6 | 400 x 500 Duct | No | 1 | | |
| 4.7 | Ø 200mm Duct | No | 6 | | |
| 4.8 | Ø 300mm Take Offs | m | 16 | | |

| Item | Description | Unit | Qty | Rate | Amount |
|---|--|------|-----|------|--------|
| 4.9 | Ø 300mm Flexible Duct | m | 12 | | |
| 4.10 | 1200 x 600 Supply Air Grille | No | 9 | | |
| 4.11 | 1700 x 2900 Weather Louvre Complete with filters for 10,98m3/s | No | 1 | | |
| 4.12 | Ø 150mm Take Offs | No | 1 | | |
| 4.13 | 600 x 500 Take Offs | No | 1 | | |
| 4.14 | 450 x 500 Take Offs | No | 1 | | |
| 4.15 | 1000 x 800 Take Offs | No | 1 | | |
| 4.16 | Ø 200mm Duct Elbow Bend | No | 1 | | |
| 4.17 | 600 x 600 Supply Air Grille | No | 2 | | |
| 4.18 | 400 x 500 Duct Elbow Bend | No | 1 | | |
| 4.19 | 900 x 600 Duct Elbow Bend | No | 1 | | |
| 4.20 | 1000 x 1300 Duct Elbow Bend | No | 2 | | |
| 4.21 | 1000 x 1300 Duct Elbow Bend | No | 2 | | |
| 4.22 | 1700 x 2900 To 1000 x 1300 Duct Transformation Piece | No | 1 | | |
| 4.23 | 1000 x 1300 To 700 x 1800 Duct Transformation Piece | No | 1 | | |
| 4.24 | 1000 x 800 To 900 x 600 Duct Transformation Piece | No | 1 | | |
| 4.25 | 700 x 800 to Ø 200mm Duct Transformation Piece | No | 1 | | |
| 4.26 | 1700 x 2900 Weather Louvre Complete with filters for 10,98m3/s | No | 1 | | |
| 4.27 | Hangers and consumables | Lot | 1 | | |
| 5 | OTHER ITEMS | | | | |
| 5.1 | Allow for the following additional items which the Tenderer considers to have been omitted and requires to be priced separately: | | | | |
| | a) | Sum | 1 | | |
| | b) | Sum | 1 | | |
| | c) | Sum | 1 | | |
| TOTAL CARRIED FORWARD TO SUMMARY | | | | | |

| Bill No. | Description | Amount |
|----------|--|--------|
| | MARKS KITCHEN HEATING, VENTILATION & AIR CONDITIONING INSTALLATION <u>SUMMARY</u> | |
| 1 | PRELIMINARY & GENERAL | |
| 2 | GROUND & FIRST FLOOR : KITCHEN EXTRACT AIR & MAKE-UP FRESH AIR SUPPLY SYSTEMS | |
| | | |

Final Summary

Drawings

WCS 054967
PARLIAMENT PRECINCT
UPGRADE OF VARIOUS KITCHENS

FINISHES SCHEDULE

FINISHES SCHEDULE

MAY 23, 2022
THE CREATIVE AXIS ARCHITECT

FINISHES SPECIFICATION SCHEDULE

REVISION – 1

90 PLEIN PLAN KITCHEN

DRAWING NUMBER: WC015 -500

ROOM Scription: BULK FREEZER ROOM_K0-101_16m²

FLOORING:

- Floor panels with standard 1mm primed galvanized sheets or optional primed stainless-steel cladding.
- Base slab and wearing floor shall be designed to accommodate the maximum load and constructed in accordance with BS 6399 Pt 1 and SANS 10160.
- Frost heave prevention ventilation ducts laid beneath the base slab during construction. This method is not widely used in South Africa
- Vapour seal: Floor insulation shall be sealed against vapour penetration. This is generally achieved by laying a heavy-duty polythene sheet of minimum thickness 250 microns over the base slab ensuring that all the joints are well lapped and sealed. In order to avoid perforation of this polythene sheet, the base slab should have a smooth finish. The wall to floor joint shall be sealed against vapour penetration.
- Floor insulation should be laid in layers with staggered joints. Due attention should be given to: Floor loading, including areas of high loading to carry mobile racking.
- Dynamic loads - 165 kPa compressive strength.
- Temperature within the cold store.
- The effect of concrete poured on the insulation, which can be avoided by a building paper slip- sheet between the wearing floor and the insulation.

WALLS

- WALLS standard panel size: 1200 x 2100, 2400mm
- Panels are fitted with groove and tongue and foamed in place camlocks
- Panels are manufactured in temperature-controlled jigs and polyurethane is direct injected for perfect bonding.
- Thicknesses / k-factor
60mm = 0.315 W (m².K)
80mm = 0.239 W(m².K)
100mm = 0.193 W(m².K)
- Cladding: 0.5mm chromadek, frost white galvanizing grade Z200.
- Camlock: pulling power 350kg for perfect joints.
- Polyurethane foam density: 35-40kg.
- B3 fire rating, B2 available on demand and high volume.

CEILING

- Standard panel size: 1200 x 2100, 2400
- Panels are fitted with groove and tongue and foamed in place camlocks
- Panels are manufactured in temperature-controlled jigs and polyurethane is direct injected for perfect bonding.
- Thicknesses / k-factor
60mm = 0.315 W (m².K)
80mm = 0.239 W(m².K)
100mm = 0.193 W(m².K)
- Cladding: 0.5mm chromadek, frost white galvanizing grade Z200.
- Camlock: pulling power 350kg for perfect joints.
- Polyurethane foam density: 35-40kg.
- B3 fire rating, B2 available on demand and high volume.

DOOR

- Lockable handle with safety device standard heavy-duty hinges.
- Heat and cold resistant gaskets standard. (-50°C to +200°C)
- Standard opening 850 x 2070mm, 80mm thickness

LIGHTING:

- Heavy Duty, Waterproof, Low Energy, Florescent Lighting T5

CORNICE:

- Internal vertical corner flashing aluminium angle 40x40x2m fixed to ceiling and wall panel with rivets 3(4,8x11 @400mm c/c see cornice detail

90 PLEIN PLAN KITCKEN

DRAWING NUMBER: WC015 -501

ROOM Scription: BULK COLD ROOM_K0-102_24m²

FLOORING:

- Floor panels with standard 1mm primed galvanized sheets or optional primed stainless-steel cladding.
- Base slab and wearing floor shall be designed to accommodate the maximum load and constructed in accordance with BS 6399 Pt 1 and SANS 10160.
- Frost heave prevention ventilation ducts laid beneath the base slab during construction. This method is not widely used in South Africa
- Vapour seal: Floor insulation shall be sealed against vapour penetration. This is generally achieved by laying a heavy-duty polythene sheet of minimum thickness 250 microns over the base slab ensuring that all the joints are well lapped and sealed. In order to avoid perforation of this polythene sheet, the base slab should have a smooth finish. The wall to floor joint shall be sealed against vapour penetration.
- Floor insulation should be laid in layers with staggered joints. Due attention should be given to: Floor loading, including areas of high loading to carry mobile racking.
- Dynamic loads - 165 kPa compressive strength.
- Temperature within the cold store.
- The effect of concrete poured on the insulation, which can be avoided by a building paper slip- sheet between the wearing floor and the insulation.

WALLS

- WALLS standard panel size: 1200 x 2100, 2400mm
- Panels are fitted with groove and tongue and foamed in place camlocks
- Panels are manufactured in temperature-controlled jigs and polyurethane is direct injected for perfect bonding.
- Thicknesses / k-factor
60mm = 0.315 W (m².K)
80mm = 0.239 W(m².K)
100mm = 0.193 W(m².K)
- Cladding: 0.5mm chromadek, frost white galvanizing grade Z200.
- Camlock: pulling power 350kg for perfect joints.
- Polyurethane foam density: 35-40kg.
- B3 fire rating, B2 available on demand and high volume.

CEILING

- Standard panel size: 1200 x 2100, 2400
- Panels are fitted with groove and tongue and foamed in place camlocks
- Panels are manufactured in temperature-controlled jigs and polyurethane is direct injected for perfect bonding.
- Thicknesses / k-factor
60mm = 0.315 W (m².K)
80mm = 0.239 W(m².K)
100mm = 0.193 W(m².K)
- Cladding: 0.5mm chromadek, frost white galvanizing grade Z200.
- Camlock: pulling power 350kg for perfect joints.
- Polyurethane foam density: 35-40kg.
- B3 fire rating, B2 available on demand and high volume.

DOOR

- Lockable handle with safety device standard heavy-duty hinges.
- Heat and cold resistant gaskets standard. (-50°C to +200°C)
- Standard opening 850 x 2070mm, 80mm thickness

LIGHTING:

- Heavy Duty, Waterproof, Low Energy, Florescent Lighting T5

CORNICE:

- Internal vertical corner flashing aluminium angle 40x40x2m fixed to ceiling and wall panel with rivets 3(4,8x11 @400mm c/c see cornice detail

90 PLEIN PLAN KITCHEN

DRAWING NUMBER: WC015 -502

ROOM Scription: VEG PREP AREA / GEERAL_K0-103_31m²

WALLS

- New walls to be constructed as per layout plan according to SANS 10400

WALL FINISHES

- 100mm x 200mm Ceramic wall tiles with epoxy grout to 2M underside of ceiling - colour as per approved sample

FLOOR FINISHES

- Existing floor finishes to be removed. Screeds to fall to floor drains as per the wet services layouts. With a Food safe fast-curing resin system that meets the food industry's operational needs for a clean, safe and sanitary environment. Combining the strength of superior inter-coat adhesion with chemical, wear and slip resistance.
- All surfaces should be a minimum of 25N/mm², free from laitance, dust and other contamination, dry to 75% RH as per BS8204 and free from rising damp and ground water pressure. Apply two coats Dusty Grey Coating (spread rate 4 - 5m²/litre) to a minimum 0,5mm thickness with an overcoating time of 15 hours. Applied in accordance with approved the supplies specifications by approved applicators.

CEILING

- Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint Fire Performance.Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled).ASTM E1264 Classification Type IV, Form 2, Pattern E; Fire Class A. Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.
- Treated with a antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.

KITCHEN EQUIPMENT

- Kitchen equipment to be surveyed and reused where possible as per the quantity surveyors' allowance and recommendation.

90 PLEIN PLAN KITCKEN

DRAWING NUMBER: WC015 -503

ROOM SCRPTION: POT WASH AREA_K0-104_9m²

WALL FINISHES

- 100mm x 200mm Ceramic wall tiles with epoxy grout to underside of ceiling - colour as per approved sample

FLOOR FINISHES

- Existing floor finishes to be removed. Screeds to fall to floor drains as per the wet services layouts. With a Food safe fast-curing resin system that meets the food industry's operational needs for a clean, safe and sanitary environment. Combining the strength of superior inter-coat adhesion with chemical, wear and slip resistance.
- All surfaces should be a minimum of 25N/mm², free from laitance, dust and other contamination, dry to 75% RH as per BS8204 and free from rising damp and ground water pressure. Apply two coats Dusty Grey Coating (spread rate 4 - 5m²/litre) to a minimum 0,5mm thickness with an overcoating time of 15 hours. Applied in accordance with approved the supplies specifications by approved applicators.

CEILING

- Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint Fire Performance.Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled).ASTM E1264 Classification Type IV, Form 2, Pattern E; Fire Class A. Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.
- Treated with a antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.

KITCHEN EQUIPMENT

- Kitchen equipment to be surveyed and reused where possible as per the quantity surveyors' allowance and recommendation.

90 PLEIN PLAN KITCKEN

DRAWING NUMBER: WC015 -504

ROOM Scription: CHEMICAL STORE_K0-105_7m²

WALL FINISHES

- Existing Brick walls with plaster and paint, to be repainted to match with existing colour, Prepare and apply 1 coat hicover primer and 2 coats Wallbrite low sheen acrylic coating to approved colour.

FLOOR FINISHES

- Existing floor finishes to be removed. Screeds to fall to floor drains as per the wet services layouts. With a Food safe fast-curing resin system that meets the food industry's operational needs for a clean, safe and sanitary environment. Combining the strength of superior inter-coat adhesion with chemical, wear and slip resistance.
- All surfaces should be a minimum of 25N/mm², free from laitance, dust and other contamination, dry to 75% RH as per BS8204 and free from rising damp and ground water pressure. Apply two coats Dusty Grey Coating (spread rate 4 - 5m²/litre) to a minimum 0,5mm thickness with an overcoating time of 15 hours. Applied in accordance with approved the supplies specifications by approved applicators.

CEILING

- Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint Fire Performance. Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled). ASTM E1264 Classification Type IV, Form 2, Pattern E; Fire Class A. Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.
- Treated with a antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.

DOORS

- Existing doors to be sanded down and painted, as per specialist details.
- Ironmongery to be serviced cleaned and reused

KITCHEN EQUIPMENT

- Kitchen equipment to be surveyed and reused where possible as per the quantity surveyors' allowance and recommendation.

90 PLEIN PLAN KITCHEN

DRAWING NUMBER: WC015 -505

ROOM Scription: DRY STORE_K0-106_17m²

WALLS

- Existing Brick walls with plaster and paint, to be repainted to match with existing colour, Prepare and apply 1 coat hicover primer and 2 coats Wallbrite low sheen acrylic coating to approved colour.

FLOOR FINISHES

- Existing floor finishes to be removed. Screeds to fall to floor drains as per the wet services layouts. With a Food safe fast-curing resin system that meets the food industry's operational needs for a clean, safe and sanitary environment. Combining the strength of superior inter-coat adhesion with chemical, wear and slip resistance.
- All surfaces should be a minimum of 25N/mm², free from laitance, dust and other contamination, dry to 75% RH as per BS8204 and free from rising damp and ground water pressure. Apply two coats Dusty Grey Coating (spread rate 4 - 5m²/litre) to a minimum 0,5mm thickness with an overcoating time of 15 hours. Applied in accordance with approved the supplies specifications by approved applicators.

CEILING

- Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint Fire Performance. Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled). ASTM E1264 Classification Type IV, Form 2, Pattern E; Fire Class A. Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.
- Treated with a antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.

DOORS

- Existing doors to be sanded down and painted, as per specialist details.
- Prepare and apply 1 coat aquaprime AR Masonry Primer and 2 coats Akrosilk Pure Acrylic Eggshell Coating to approved colour.
- Ironmongery to be serviced cleaned and reused

KITCHEN EQUIPMENT

- Kitchen equipment to be surveyed and reused where possible as per the quantity surveyors' allowance and recommendation.

90 PLEIN PLAN KITCKEN

DRAWING NUMBER: WC015 -506

ROOM Scription: BEVERAGE STORE_K0-107_10m²

WALLS

- Existing Brick walls with plaster and paint, to be repainted to match with existing colour, Prepare and apply 1 coat hicover primer and 2 coats Wallbrite low sheen acrylic coating to approved colour.

FLOOR FINISHES

- Existing floor finishes to be removed. Screeds to fall to floor drains as per the wet services layouts. With a Food safe fast-curing resin system that meets the food industry's operational needs for a clean, safe and sanitary environment. Combining the strength of superior inter-coat adhesion with chemical, wear and slip resistance.
- All surfaces should be a minimum of 25N/mm², free from laitance, dust and other contamination, dry to 75% RH as per BS8204 and free from rising damp and ground water pressure. Apply two coats Dusty Grey Coating (spread rate 4 - 5m²/litre) to a minimum 0,5mm thickness with an overcoating time of 15 hours. Applied in accordance with approved the supplies specifications by approved applicators.

CEILING

- Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint Fire Performance. Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled). ASTM E1264 Classification Type IV, Form 2, Pattern E; Fire Class A. Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.
- Treated with a antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.

DOORS

- Existing doors to be sanded down and painted, as per specialist details.
- Prepare and apply 1 coat aquaprime AR Masonry Primer and 2 coats Akrosilk Pure Acrylic Eggshell Coating to approved colour.
- Ironmongery to be serviced cleaned and reused

KITCHEN EQUIPMENT

- Kitchen equipment to be surveyed and reused where possible as per the quantity surveyors' allowance and recommendation.

90 PLEIN PLAN KITCKEN

DRAWING NUMBER: WC015 -507

ROOM Scription: BEVERAGE COLD ROOM_K0-108_8m²

FLOORING:

- Floor panels with standard 1mm primed galvanized sheets or optional primed stainless-steel cladding.
- Base slab and wearing floor shall be designed to accommodate the maximum load and constructed in accordance with BS 6399 Pt 1 and SANS 10160.
- Frost heave prevention ventilation ducts laid beneath the base slab during construction. This method is not widely used in South Africa
- Vapour seal: Floor insulation shall be sealed against vapour penetration. This is generally achieved by laying a heavy-duty polythene sheet of minimum thickness 250 microns over the base slab ensuring that all the joints are well lapped and sealed. In order to avoid perforation of this polythene sheet, the base slab should have a smooth finish. The wall to floor joint shall be sealed against vapour penetration.
- Floor insulation should be laid in layers with staggered joints. Due attention should be given to: Floor loading, including areas of high loading to carry mobile racking.
- Dynamic loads - 165 kPa compressive strength.
- Temperature within the cold store.
- The effect of concrete poured on the insulation, which can be avoided by a building paper slip- sheet between the wearing floor and the insulation.

WALLS

- WALLS standard panel size: 1200 x 2100, 2400mm
- Panels are fitted with groove and tongue and foamed in place camlocks
- Panels are manufactured in temperature-controlled jigs and polyurethane is direct injected for perfect bonding.
- Thicknesses / k-factor
60mm = 0.315 W (m².K)
80mm = 0.239 W(m².K)
100mm = 0.193 W(m².K)
- Cladding: 0.5mm chromadek, frost white galvanizing grade Z200.
- Camlock: pulling power 350kg for perfect joints.
- Polyurethane foam density: 35-40kg.
- B3 fire rating, B2 available on demand and high volume.

CEILING

- Standard panel size: 1200 x 2100, 2400
- Panels are fitted with groove and tongue and foamed in place camlocks
- Panels are manufactured in temperature-controlled jigs and polyurethane is direct injected for perfect bonding.
- Thicknesses / k-factor
60mm = 0.315 W (m².K)
80mm = 0.239 W(m².K)
100mm = 0.193 W(m².K)
- Cladding: 0.5mm chromadek, frost white galvanizing grade Z200.
- Camlock: pulling power 350kg for perfect joints.
- Polyurethane foam density: 35-40kg.
- B3 fire rating, B2 available on demand and high volume.

DOOR

- Lockable handle with safety device standard heavy-duty hinges.
- Heat and cold resistant gaskets standard. (-50°C to +200°C)
- Standard opening 850 x 2070mm, 80mm thickness

LIGHTING:

- Heavy Duty, Waterproof, Low Energy, Florescent Lighting T5

CORNICE:

- Internal vertical corner flashing aluminium angle 40x40x2m fixed to ceiling and wall panel with rivets 3(4,8x11 @400mm c/c see cornice detail.

90 PLEIN PLAN KITCKEN

DRAWING NUMBER: WC015 -508

ROOM Scription: FEMALE TOILET _K0-109_13m²

FLOORING:

- Floor finish to be 600 x 600mm slip resentence ceramic floor tile with 3mm light grey colour grout joints installed in accordance with manufacturer's recommendations. Bathroom floors to be laid with perimeter polysulphide soft joints.

WALLS

- Wall tiling to comprise 200 x 200mm white ceramic wall tiles to door hight and 2mm wide grout joints (grout colour: White). see architect's bathroom layout.

SOFFIT

- Prepare and apply 1 coat Hicover Primer and 2 coats Hicover Acrylic Coating to approved colour.

DOORS

- Existing doors to be sanded down and painted, as per specialist details.
- Prepare and apply 1 coat aquaprime AR Masonry Primer and 2 coats Akrosilk Pure Acrylic Egghell Coating to approved colour.
- Ironmongery to be serviced cleaned and reused

SANITARYWARE

- Refer to sanitary Schedule

SUNDRIES

- Lockers standard entry level locker with reinforced doors with top hat stiffners side fixing holes for easy assembly colour to be approved at 1800h mm x 300w mm x 450d mm with 3 doors per module with piano hingers.
- Locker Beach unit standard Combines seating mounted on frames and seating installed against walls standard lengths of 900mm x 370mm Manufactured in angle iron, square or round tubing wood and steel seat Electroplating + powder coating of legs recommended for high humidity areas.
- Mirror 4mm Silvered float glass copper backed mirrors with polished (edges, holed for and fixed with chromium plated dome capped mirror screws with rubber buffers to plugs.
- Soap Dispenser 500ml Wall Mounted Soap Dispenser

- Paper towel dispenser Autotowel paper dispenser manufactured from 0.7 clear coat enamel finish Stainless Steel Wall mounted Automatic system Lockable dispenser for added security
- Wall mounted soap tray rectangle soap basket Material 304-grade stainless steel 200x100x35mm
- Wall mounted shower hooks Bathroom Towel Hook Robe Hook Shower Kitchen Wall Hanging Hooks Wall Mount SUS 304 Stainless Steel Polished Finish
- Toilet roll holder to be metal chrome plated frame with timber roll fixed to wall with screws as per architect's bathroom layouts.

90 PLEIN PLAN KITCKEN

DRAWING NUMBER: WC015 -509

ROOM Scription: MALE TOILET _K0-110_12m²

FLOORING:

- Floor finish to be 600 x 600mm slip resentence ceramic floor tile with 3mm light grey colour grout joints installed in accordance with manufacturer's recommendations. Bathroom floors to be laid with perimeter polysulphide soft joints.

WALLS

- Wall tiling to comprise 200 x 200mm white ceramic wall tiles to door hight and 2mm wide grout joints (grout colour: White). see architect's bathroom layout.

SOFFIT

- Prepare and apply 1 coat Hicover Primer and 2 coats Hicover Acrylic Coating to approved colour.

DOORS

- Existing doors to be sanded down and painted, as per specialist details.
- Prepare and apply 1 coat aquaprime AR Masonry Primer and 2 coats Akrosilk Pure Acrylic Egghell Coating to approved colour.
- Ironmongery to be serviced cleaned and reused

SANITARYWARE

- Refer to sanitary Schedule

SUNDRIES

- Lockers standard entry level locker with reinforced doors with top hat stiffners side fixing holes for easy assembly colour to be approved at 1800h mm x 300w mm x 450d mm with 3 doors per module with piano hingers.
- Locker Beach unit standard Combines seating mounted on frames and seating installed against walls standard lengths of 900mm x 370mm Manufactured in angle iron, square or round tubing wood and steel seat Electroplating + powder coating of legs recommended for high humidity areas.
- Mirror 4mm Silvered float glass copper backed mirrors with polished (edges, holed for and fixed with chromium plated dome capped mirror screws with rubber buffers to plugs.
- Soap Dispenser 500ml Wall Mounted Soap Dispenser

- Paper towel dispenser Autotowel paper dispenser manufactured from 0.7 clear coat enamel finish Stainless Steel Wall mounted Automatic system Lockable dispenser for added security
- Wall mounted soap tray rectangle soap basket Material 304-grade stainless steel 200x100x35mm
- Wall mounted shower hooks Bathroom Towel Hook Robe Hook Shower Kitchen Wall Hanging Hooks Wall Mount SUS 304 Stainless Steel Polished Finish
- Urinal dividers urinal screens manufactured using 12mm Compact High-Pressure Laminate, dimensions 750mm x 450mm code: CSUSWE, (colour: Standard stock held colour range). Urinal Screens to be fixed to wall using aluminium extrusion
- Toilet roll holder to be metal chrome plated frame with timber roll fixed to wall with screws as per architect's bathroom layouts.

90 PLEIN PLAN KITCKEN

DRAWING NUMBER: WC015 -510

ROOM Scription: TOILET _K0-111_2m²

FLOORING:

- Floor finish to be 600 x 600mm slip resentence ceramic floor tile with 3mm light grey colour grout joints installed in accordance with manufacturer's recommendations. Bathroom floors to be laid with perimeter polysulphide soft joints.

WALLS

- Wall tiling to comprise 200 x 200mm white ceramic wall tiles to door hight and 2mm wide grout joints (grout colour: White). see architect's bathroom layout.

SOFFIT

- Prepare and apply 1 coat Hicover Primer and 2 coats Hicover Acrylic Coating to approved colour.

DOORS

- Existing doors to be sanded down and painted, as per specialist details.
- Prepare and apply 1 coat aquaprime AR Masonry Primer and 2 coats Akrosilk Pure Acrylic Eggshell Coating to approved colour.
- Ironmongery to be serviced cleaned and reused

SANITARYWARE

- Refer to sanitary Schedule

SUNDRIES

- Mirror 4mm Silvered float glass copper backed mirrors with polished (edges, holed for and fixed with chromium plated dome capped mirror screws with rubber buffers to plugs.
- Soap Dispenser 500ml Wall Mounted Soap Dispenser
- Paper towel dispenser Auto towel paper dispenser manufactured from 0.7 clear coat enamel finish Stainless Steel Wall mounted Automatic system Lockable dispenser for added security
- Toilet roll holder to be metal chrome plated frame with timber roll fixed to wall with screws as per architect's bathroom layouts.

WCS 054967
PARLIAMENT PRECINCT
UPGRADE OF VARIOUS KITCHENS

SANITARY SCHEDULE







SANITARY SCHEDULE

MAY 23, 2022
THE CREATIVE AXIS ARCHITECT

90 PLEIN PLAN KITCKEN GROUND FLOOR

ROOM Scription: FEMALE TOILET _K0-109_13m²

| IMAGE | QTY | DESCRIPTION |
|---|-----|---|
|  | 2 x | <p>Metsi - Taps - Stop Taps - Chrome</p> <p>Notes: Metsi underwall stop tap, chrome. Includes: 15mm copper inlets, and sliding wall flange. SANS 226 Type 2, DZR brass, JASWIC-listed.</p> <p>109mm</p> |
|  | 1 x | <p>Showers - Shower Arms - Chrome</p> <p>Notes: Arm with wall flange, 1/2" male inlet. Includes: shower arm, sliding wall flange, 1/2" male inlet x 1/2" male outlet x ±158mm throw, chrome plated.</p> <p>158mm</p> |
|  | 1 x | <p>Prestex - Showers - Shower Heads - Chrome</p> <p>Notes: Prestex single-function shower head, chrome. Includes: 1/2" BSP female inlet.</p> |
|  | 3 x | <p>Wastes, Traps & Overflows - Bath/Sink Wastes - Chrome</p> <p>Notes: Unslotted bath/sink waste, chrome-plated. Includes: 70mm diameter flange, 45mm long shank, and 1 1/2" BSP male outlet connection. Brass back nut.</p> <p>70mm x 70mm x 45mm</p> |
|  | 2 x | <p>Metsi - Taps - Pillar Taps - Chrome</p> <p>Notes: Metsi pillar tap, chrome-plated. Includes: hot and cold indices, 1/2" BSP male inlet, and flanged backnut. SANS 226 Type 2, DZR brass, JASWIC-listed.</p> <p>28mm</p> |

| | | |
|---|-----|--|
|  | 2 x | <p>Hibiscus - Basins - Wall-Hung - White</p> <p>Notes: Rounded wall-hung basin with three semi-punched tapholes, integrated overflow, and chain stay hole through the centre semi-punched taphole.</p> <p>510mm x 405mm x 130mm</p> |
|  | 2 x | <p>Basins - Fixations - Chrome Notes:</p> <p>Fixing Bolt Set 10mm - Set of 2. Related</p> <p>To: VAA-702303WH</p> |
|  | 2 x | <p>Classic - Basins - Pedestals - White</p> <p>Notes: Vitreous china classic full pedestal. 685mm</p> <p>Related To: VAA-702303WH</p> |
|  | 2 x | <p>Wastes, Traps & Overflows - Basin Wastes - Chrome</p> <p>Notes: Slotted basin waste with plug, chrome-plated. Includes: 62mm diameter flange, 77mm long shank, and 1 1/4" BSP male outlet connection. Polymer back nut.</p> |
|  | 2 x | <p>Water Saving - Taps - Spare Parts - Chrome</p> <p>Notes: Flow restrictor set for open ended taps including a 2 l/min & a 4 l/min pressure compensating flow restrictor, angle regulating valve adaptor, rubber washer, angle regulating valve, round wall flange & 15mm Fxf connecting hose.</p> |
|  | 2 x | <p>Aquasave - Toilets - Low-Level - White</p> <p>Notes: Aquasave vc suite c/w seat.</p> |

90 PLEIN PLAN KITCKEN GROUND FLOOR




| ROOM Scription: MALE TOILET _K0-110_12m² | | |
|---|-----|---|
| IMAGE | QTY | DESCRIPTION |
|  | 2 x | <p>Metsi - Taps - Stop Taps - Chrome</p> <p>Notes: Metsi underwall stop tap, chrome. Includes: 15mm copper inlets, and sliding wall flange. SANS 226 Type 2, DZR brass, JASWIC-listed. 109mm</p> |
|  | 1 x | <p>Showers - Shower Arms - Chrome</p> <p>Notes: Arm with wall flange, 1/2" male inlet. Includes: shower arm, sliding wall flange, 1/2" male inlet x 1/2" male outlet x ±158mm throw, chrome plated.158mm</p> |
|  | 1 x | <p>Prestex - Showers - Shower Heads - Chrome</p> <p>Notes: Prestex single-function shower head, chrome. Includes: 1/2" BSP female inlet.</p> |
|  | 3 x | <p>Wastes, Traps & Overflows - Bath/Sink Wastes - Chrome</p> <p>Notes: Unslotted bath/sink waste, chrome-plated. Includes: 70mm diameter flange, 45mm long shank, and 1 1/2" BSP male outlet connection. Brass back nut.</p> <p>70mm x 70mm x 45mm</p> |
|  | 2 x | <p>Metsi - Taps - Pillar Taps - Chrome</p> <p>Notes: Metsi pillar tap, chrome-plated. Includes: hot and cold indices, 1/2" BSP male inlet, and flanged backnut. SANS 226 Type 2, DZR brass, JASWIC-listed.</p> <p>28mm</p> |
|  | 2 x | <p>White Alpin size 305 x 290mm, fixed to wall with 2No. 8 x 120mm mounting bolts.</p> |

| | | |
|---|-----|--|
|  | 2 x | <p>Hibiscus - Basins - Wall-Hung - White</p> <p>Notes: Rounded wall-hung basin with three semi-punched tapholes, integrated overflow, and chain stay hole through the centre semi-punched taphole.</p> <p>510mm x 405mm x 130mm</p> |
|  | 2 x | <p>Basins - Fixations - Chrome Notes:</p> <p>Fixing Bolt Set 10mm - Set of 2. Related</p> <p>To: VAA-702303WH</p> |
|  | 2 x | <p>Classic - Basins - Pedestals - White</p> <p>Notes: Vitreous china classic full pedestal. 685mm</p> <p>Related To: VAA-702303WH</p> |
|  | 2 x | <p>Wastes, Traps & Overflows - Basin Wastes - Chrome</p> <p>Notes: Slotted basin waste with plug, chrome-plated. Includes: 62mm diameter flange, 77mm long shank, and 1 1/4" BSP male outlet connection. Polymer back nut.</p> |
|  | 2 x | <p>Water Saving - Taps - Spare Parts - Chrome</p> <p>Notes: Flow restrictor set for open ended taps including a 2 l/min & a 4 l/min pressure compensating flow restrictor, angle regulating valve adaptor, rubber washer, angle regulating valve, round wall flange & 15mm Fxf connecting hose.</p> |
|  | 2 x | <p>Aquasave - Toilets - Low-Level - White</p> <p>Notes: Aquasave vc suite c/w seat.</p> |

90 PLEIN PLAN KITCKEN GROUND FLOOR

ROOM Scription: TOILET _K0-111_2m²

| IMAGE | QTY | DESCRIPTION |
|---|-----|---|
|  | 1 x | <p>Wastes, Traps & Overflows - Bath/Sink Wastes - Chrome</p> <p>Notes: Unslotted bath/sink waste, chrome-plated. Includes: 70mm diameter flange, 45mm long shank, and 1 1/2" BSP male outlet connection. Brass back nut.</p> <p>70mm x 70mm x 45mm</p> |
|  | 1 x | <p>Metsi - Taps - Pillar Taps - Chrome</p> <p>Notes: Metsi pillar tap, chrome-plated. Includes: hot and cold indices, 1/2" BSP male inlet, and flanged backnut. SANS 226 Type 2, DZR brass, JASWIC-listed.</p> <p>28mm</p> |
|  | 1 x | <p>Hibiscus - Basins - Wall-Hung - White</p> <p>Notes: Rounded wall-hung basin with three semi-punched tapholes, integrated overflow, and chain stay hole through the centre semi-punched taphole.</p> <p>510mm x 405mm x 130mm</p> |
|  | 1 x | <p>Basins - Fixations - Chrome Notes: Fixing Bolt Set 10mm - Set of 2. Related To: VAA-702303WH</p> |
|  | 1 x | <p>Classic - Basins - Pedestals - White Notes: Vitreous china classic full pedestal. 685mm Related To: VAA-702303WH</p> |

| | | |
|--|-----|---|
|  | 1 x | Wastes, Traps & Overflows - Basin Wastes - Chrome Notes: Slotted basin waste with plug, chrome-plated. Includes: 62mm diameter flange, 77mm long shank, and 1 1/4" BSP male outlet connection. Polymer back nut. |
|  | 1 x | Water Saving - Taps - Spare Parts - Chrome Notes: Flow restrictor set for open ended taps including a 2 l/min & a 4 l/min pressure compensating flow restrictor, angle regulating valve adaptor, rubber washer, angle regulating valve, round wall flange & 15mm FFX connecting hose. |
|  | 1 x | Aquasave - Toilets - Low-Level - White Notes: Aquasave vc suite c/w seat. |

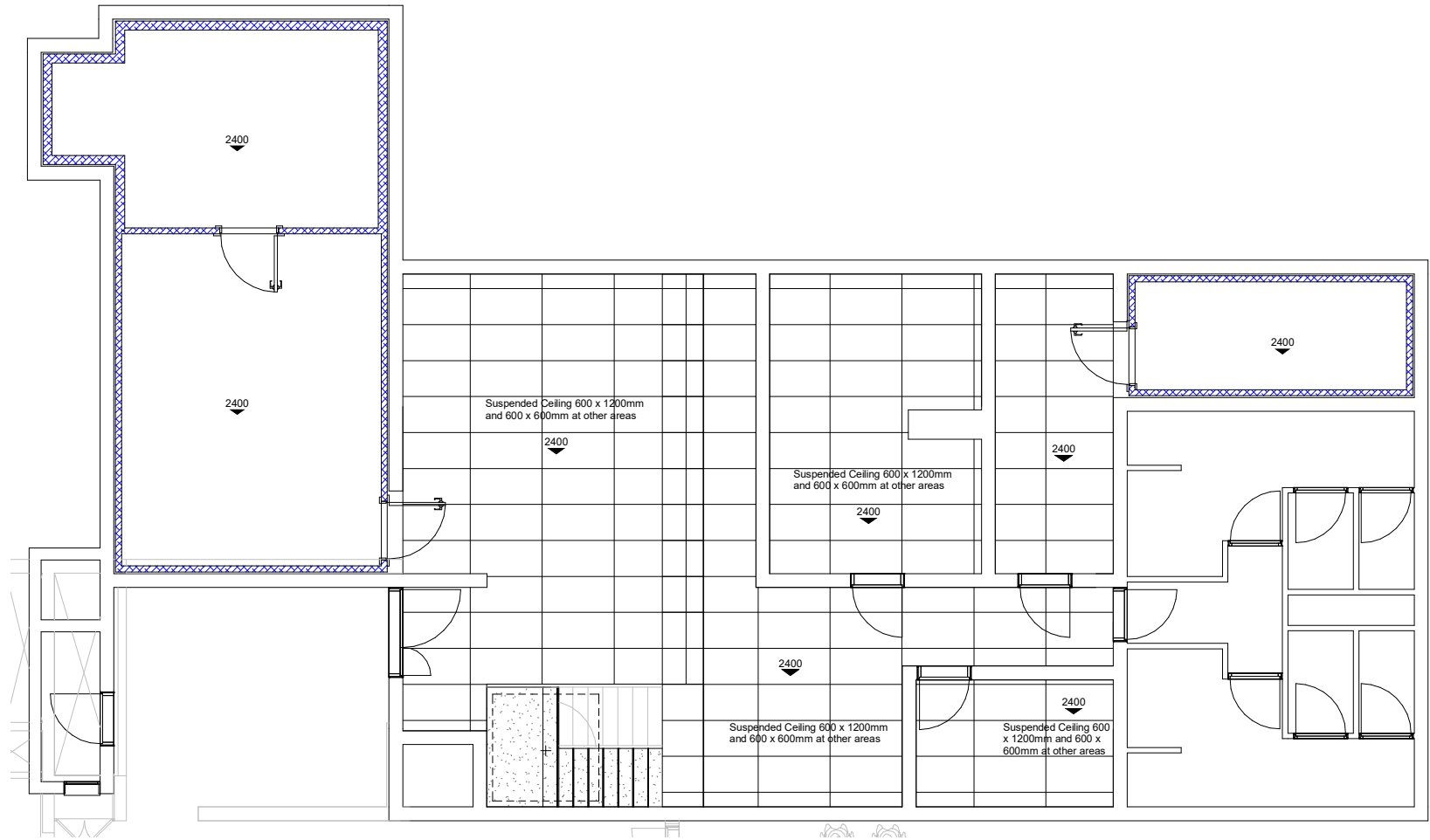
PRODUCT WARRANTY:

1. 20 years taps & mixers, wastes, capillary and compression fittings
2. 5 years showerheads
3. 2 years electronic mixers components and valves
4. 2 years valves (geyser and toilet)
5. 10 years Cobra-Safe multi-layer pipe system (must be used with Cobra compression fittings and Cobra-Safe inserts or warranty shall be void)
6. 10 years on all baths, shower trays and vanities, except Tanya, Widestar and Scarlett baths which carry a 5 year warranty
7. 20 years on baths with Amazonite coating
8. 1 year on spa bath fittings and on all bath panels
9. 10 years on all sanitaryware
10. 6 months on all toilet seats supplied by Vaal Sanitary



Kitchen equipment to be surveyed and reused where possible as per the quantity surveyors allowance and recommendation

WC015 - 100 E



GROUND FLOOR CEILING PLAN
SCALE 1 : 50

PROJECT SCOPE:

WALLS

New walls to be constructed as per layout plan according to SANS 10400

WALL FINISHES

100mm x 200mm Ceramic wall tiles with epoxy grout to underside of ceiling - colour as per approved sample

FLOOR FINISHES

Preparation areas & store rooms

Existing floor finishes to be removed. Screeds to fall to floor drains as per the wet services layouts. With a Foodsafe fast-curing resin system that meets the food industry's operational needs for a clean, safe and sanitary environment. Combining the strength of superior inter-coat adhesion with chemical, wear and slip resistance

COLD ROOM

Cold Room floors by specialist

CEILING

Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint

Fire Performance
Class A; ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled).ASTM E1264 Classification Type IV, Form 2, Pattern E; Fire Class A, Humidity/Sag Resistance

HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications. Treated with a antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.

DOORS

New doors to match existing

Existing doors to be sanded down and painted, as per specialist details
Ironmongery to be serviced cleaned and reused

WINDOWS

Existing windows to be sanded down and cleaned and repainted as per specialist specification

KITCHEN EQUIPMENT

Kitchen equipment to be surveyed and reused where possible as per the quantity surveyors allowance and recommendation

| No. | DATE | AMENDMENT | D.P.W |
|-----|------------|-----------------------|-------|
| A | 2019/05/28 | Issue for information | |
| B | 2019/07/12 | Issue via email | |
| C | 2019/08/10 | Issue via email | |
| D | 2019/11/08 | Issue for information | |
| E | 2021/08/18 | Issue for information | |
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signature : _____

Project Manager

name: _____

date: _____

signature : _____

Architect

name: Bhavik Ranchod

date: 2021/08/18

signature : o.b.o

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KITCHENS\A01 Design Concept\A01_200 Sketch Design\Stage
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Discipline ARCHITECTURE

Service

PARLIAMENTARY PRECINCT:
VARIOUS KITCHENS:
REPLACEMENT OF
REDUNDANT KITCHEN
EQUIPMENT INCLUDING
CONSTRUCTION WORK.

WCS number 05496

Drawing
90 PLEIN KITCHEN PLAN

GROUND FLOOR CEILING 90 PLEIN

| | | |
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| Scal 1 : 50 | Draw | Arthur |
| Dat 2019/05/29 | Checke | Bhavik |
| Drawing | Current | |

WC015 - 210 E



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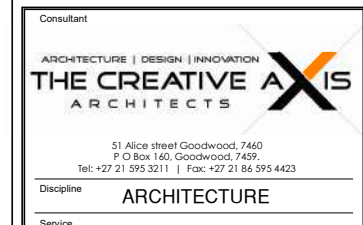
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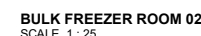
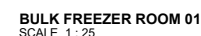
Drawing

90 PLEIN KITCHEN PLAN

STAIRCASE DETAIL

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| Disciplin | ARCHITECTURE |
| Service | ARCHITECTURE |
| <p>PARLIAMENTARY PRECINCT: VARIOUS KITCHENS: REPLACEMENT OF REDUNDANT KITCHEN EQUIPMENT INCLUDING CONSTRUCTION WORK.</p> | |

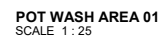
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| 90 PLEIN STREET KITCHEN SKETCH PLAN | | | |
| BULK FREEZER ROOM K0-101 | | | |
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| Scal | 1 : 25 | Draw | Author |
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FLOOR FFL

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| WCS number | | 05496 | |
| Drawing | | | |
| 90 PLEIN KITCHEN PLAN | | | |
| VEG PREP AREA /GENERAL K0 - 103 | | | |
| Ref.no | | Design | Designer |
| Scale | 1 : 25 | Draw | Author |
| Date | 05/23/22 | Checke | Checker |
| Drawing | | Current | |
| WC015 - 502 | | | |



| KEY PLAN LEGEND K0 -104 | | |
|-------------------------|-----------------------|--|
| NEW ALTERATIONS | | |
| KEY LEGEND | DESCRIPTION | SPECIFICATION |
| WF - 102 | Wall Finish | 100mm x 200mm Ceramic wall tiles with epoxy grout over 2M underlayment of concrete - colour as per approved sample |
| NF - CG1 | Corner guards | Natural aluminium 1600x20x20mm arcanses |
| NE - S01 | New Equipment | Pot Rack |
| NC - 100 | New suspended Ceiling | Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint Fire Performance Class A. ASTM G24 and CANULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled) ASTM E 264 Classification Type IV, Form 2, Pattern E. Fire Class A. Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications. Treated with an antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling surface |



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| | | Project Manager | |
| name: _____ | | | |
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| | | Architect |
| name: | <hr/> | |
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Discipline

ARCHITECTURE

Service

PARLIAMENTARY PRECINCT:
VARIOUS KITCHENS:
REPLACEMENT OF
REDUNDANT KITCHEN
EQUIPMENT INCLUDING
CONSTRUCTION WORK.

WCS number

05496

Drawing

90 PLEIN KITCHEN PLAN

POT WASH AREA K0 - 104

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| Scale | Draw | Author |
| Date | Checke | Checker |

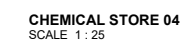
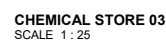
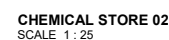
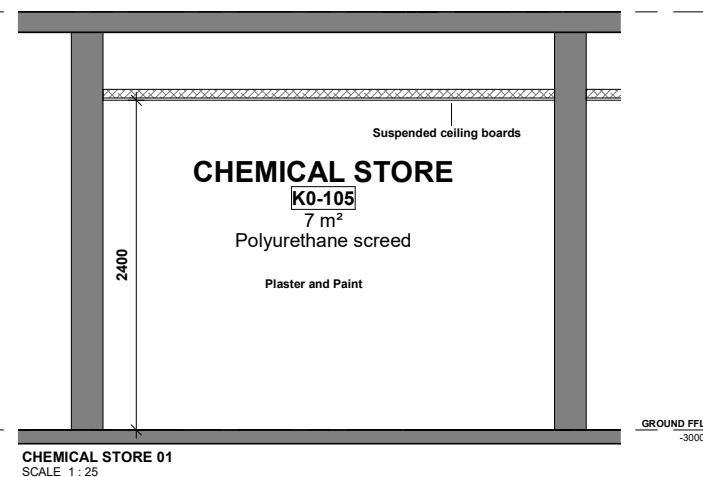
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WC015 - 503



| KEY PLAN LEGEND K0 -106 | | |
|-------------------------|-----------------------|--|
| NEW ALTERATIONS | | |
| KEY LEGEND | DESCRIPTION | SPECIFICATION |
| WF - 103 | Wall Finish | Existing brick walls with plaster and paint, to be repaired to match with existing colour. Prepare and apply 1 coat of Exstic Primer and 2 coats Wallbrile low sheen acrylic enamel to approved colour. |
| NC - 100 | New suspended ceiling | Well-formed mineral fibre slab with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint. Fire Performance Class A, ASTM E84 and CANULC S102 of surface burning characteristics. Flame Spread Index of zero. Smoke Developed Class Index of 50 or less (UL labelled) ASTM E 264 Class 1 Type IV, Form 2, Pattern E; Fire Class A; Humidity/Salt Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications. Treated with an antibacterial liquid resist the growth of odour and stain-producing bacteria as well as mold and mildew on the ceiling surface |



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| | | Project Client |
|-------------|--|----------------|
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| signature : | | |

name: _____

date: _____

signature : _____

Project Manager

name: _____

date: _____

signature : _____

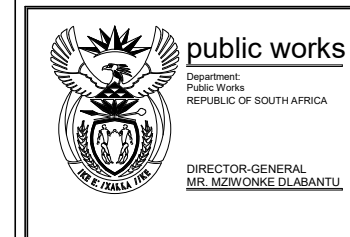
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| | |
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| Discipline | ARCHITECTURE |
|------------|--------------|

PARLIAMENTARY PRECINCT:
VARIOUS KITCHENS:
REPLACEMENT OF
REDUNDANT KITCHEN
EQUIPMENT INCLUDING
CONSTRUCTION WORK.

| | |
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| WCS number | 05496 |
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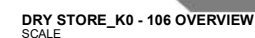
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90 PLEIN KITCHEN PLAN

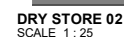
CHEMICAL STORE K0 - 105

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| Scal 1 : 25 | Draw | Author |
| Dat 05/23/22 | Checke | Checker |
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WC015 - 504



| KEY PLAN LEGEND K0 -106 | | |
|-------------------------|-----------------------|--|
| NEW ALTERATIONS | | |
| KEY LEGEND | DESCRIPTION | SPECIFICATION |
| WF- 103 | Wall Finish | Existing Brick walls with plaster and paint, to be repaired to match with existing colour. Prepare and apply 1 coat of primer and 2 coats Walltite low sheen acrylic coating to approved colour. |
| NC- 100 | New suspended Ceiling | Well-formed mineral fibre with acoustically transparent membrane. Finished with acrylic emulsion latex paint. Fire Performance Class A: ASTM E84 and CANULC S102 surface burning characteristics. Flame Spread Index of 0 or less. Smoke Developed Index of 50 or less (UL labeled). ASTM E1264 Classification Type I, Form 2, Pattern E. Class A. Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subjected to high humidity, up to, but not including, standing water and outdoor applications. |
| | | Treated with an antibacterial liquid resist the growth of odour and stain-producing bacteria as well as mold and mildew on the ceiling surface |
| NF- CG1 | Corner guards | Natural aluminium 1600x20x20mm anodized |



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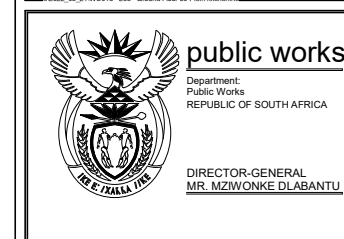
| | | Project Manager |
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ARCHITECTURE | DESIGN | INNOVATION

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ARCHITECTS

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Tel: +27 21 595 3211 | Fax: +27 21 86 595 4423

Discipline

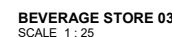
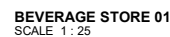
ARCHITECTURE

Service

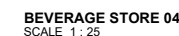
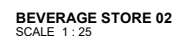
PARLIAMENTARY PRECINCT:
VARIOUS KITCHENS:
REPLACEMENT OF
REDUNDANT KITCHEN
EQUIPMENT INCLUDING
CONSTRUCTION WORK.

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|------------------------------|----------|---------|----------|
| WCS number | | 05496 | |
| Drawing | | | |
| 90 PLEIN KITCHEN PLAN | | | |
| DRY STORE K0 - 106 | | | |
| Ref.no | | Designe | Designer |
| Scal | 1 : 25 | Draw | Author |
| Dat | 05/23/22 | Checke | Checker |
| Drawing | | Current | |

WC015 - 505



| KEY PLAN LEGEND K0-107 | | |
|------------------------|-----------------------|--|
| NEW ALTERATIONS | | |
| KEY LEGEND | DESCRIPTION | SPECIFICATION |
| WF- 103 | Wall Finish | Existing Brick walls with plaster and paint, to be repaired to match with existing colour. Prepare and apply 1 coat of primer and 2 coats Walltite low sheen acrylic coating to approved colour. |
| NC- 100 | New suspended Ceiling | We'll-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint Fire Performance Class: A- ASTM E84 and CANULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 100 or less (UL labelled) ASTM E1264 Classification Type IV, Form 2, Pattern E: Class A Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas suited to high humidity, up to, but not including, standing water and outdoor applications. Treated with an antibacterial liquid resist the growth of odour and stain-producing bacteria as well as mold and mildew on the ceiling line surface |
| NF- CG1 | Corner guards | Natural aluminium 1600x20x20mm arcbases |

[illegible]

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| <p>Archive AS-BUILT DRAWING REQUIREMENTS</p> | |
| <p>name: _____</p> | |
| <p>date: _____</p> | |
| <p>professional registration no.: _____</p> | |

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Chef

name: _____

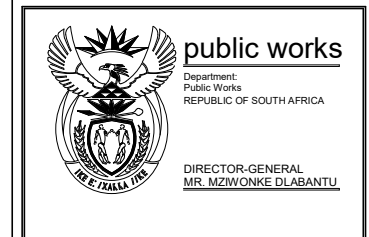
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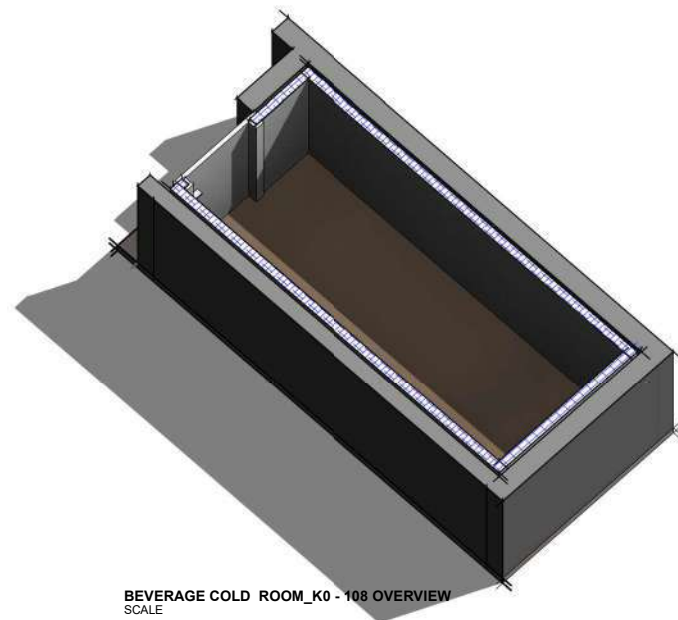
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| signature : _____ | | | |

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| | | Architect | |
| name: | _____ | | |
| date: | _____ | | |
| signature : | _____ | | |

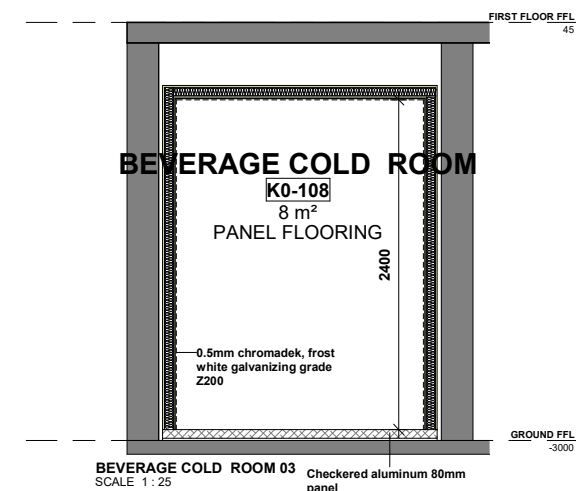
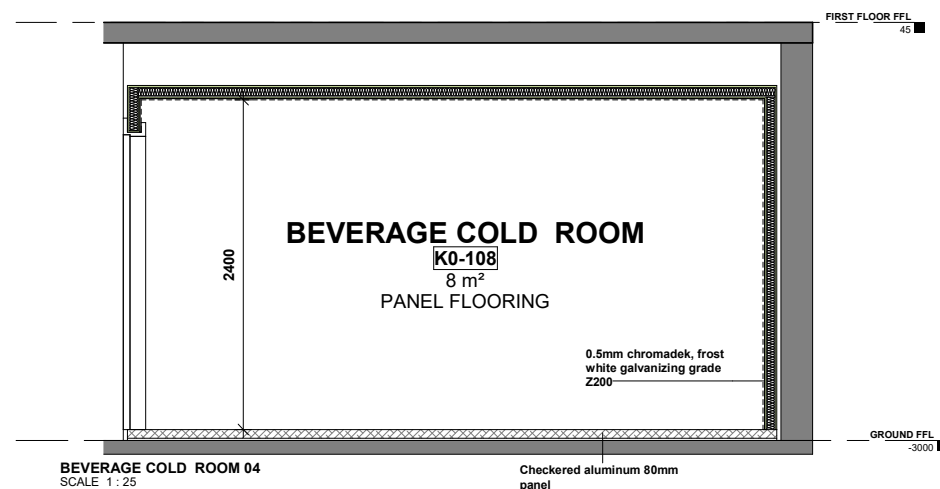
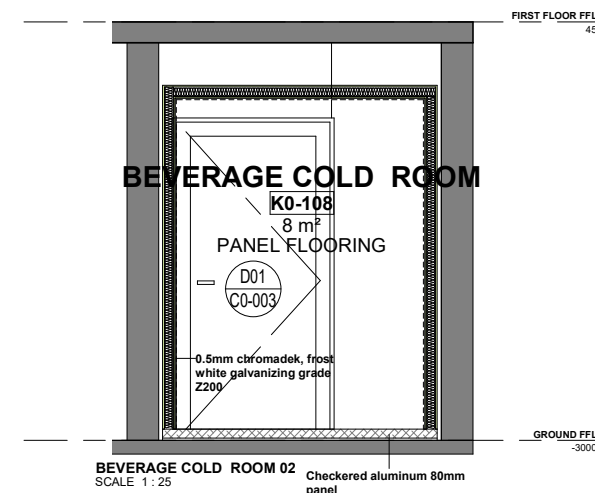
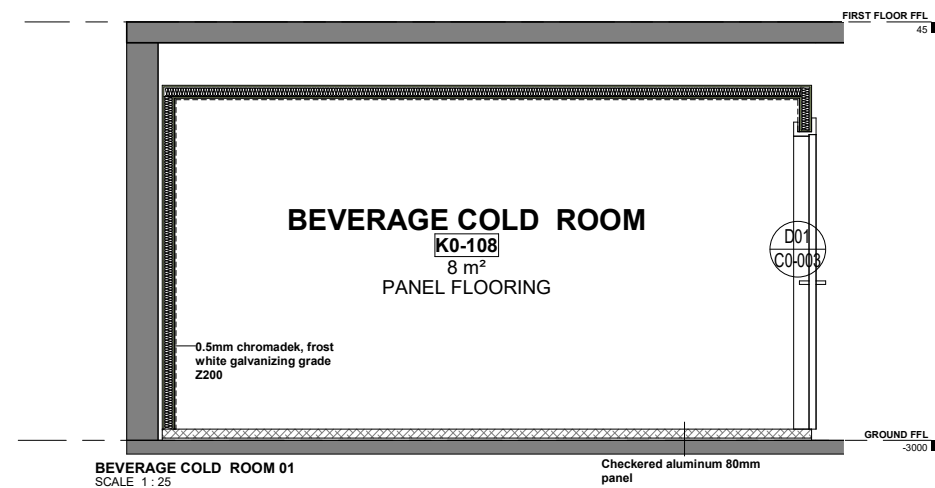
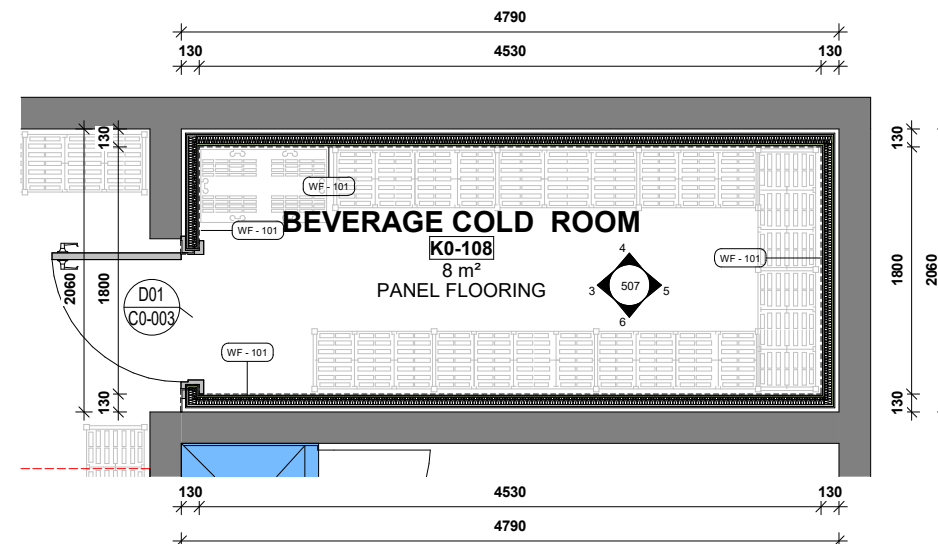
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| Consultant | | | |
| ARCHITECTURE DESIGN INNOVATION | | | |
| THE CREATIVE AXIS | | | |
| ARCHITECTS | | | |
| 51 Alice street Goodwood, 7460 P O Box 160, Goodwood, 7459 Tel: +27 21 595 3211 Fax: +27 21 86 595 4423 | | | |
| Discipline | | | |
| ARCHITECTURE | | | |
| Service | | | |
| PARLIAMENTARY PRECINCT: VARIOUS KITCHENS: REPLACEMENT OF REDUNDANT KITCHEN EQUIPMENT INCLUDING CONSTRUCTION WORK. | | | |
| WCS number | | | |
| 05496 | | | |
| Drawing | | | |
| 90 PLEIN KITCHEN PLAN | | | |
| BEVERAGE STORE K0 - 107 | | | |
| Ref no | Designer | Designer | |
| Scale | 1 : 25 | Draw | Author |
| Date | 05/23/22 | Checke | Checker |
| Drawing | Current | | |
| WC015 - 506 | | | |



| KEY PLAN LEGEND K0 -108 | | |
|-------------------------|----------------|---|
| NEW ALTERATIONS | | |
| KEY LEGEND | DESCRIPTION | SPECIFICATION |
| WF - 101 | Wall Finish | 0.5mm chromadek, frost white galvanizing grade Z200 |
| C0 - 001 | Cold room door | As per specialist spec |

[illegible]

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date: _____

professional registration no.: _____

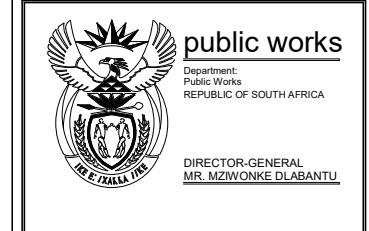
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| Chef | |
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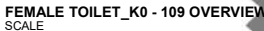
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| | | Architect | |
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KITCHENS\A6 Design Concept\A6_200 Sketch Design\Stage
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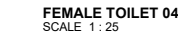
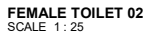


PARLIAMENTARY PRECINCT:
VARIOUS KITCHENS:
REPLACEMENT OF
REDUNDANT KITCHEN
EQUIPMENT INCLUDING
CONSTRUCTION WORK.

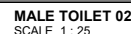
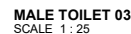
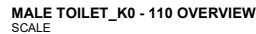
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|------------------------------|---------|----------|--|
| WCS number | 05496 | | |
| Drawing | | | |
| 90 PLEIN KITCHEN PLAN | | | |
| BEVERAGE COLD ROOM KO - 108 | | | |
| Ref no | Design | Designer | |
| Scale | Draw | Author | |
| Date | Checke | Checker | |
| Drawing | Current | | |
| WC015 - 507 | | | |



| NEW ALTERATIONS | | SPECIFICATION |
|-----------------|--------------|--|
| KEY LEGEND | DESCRIPTION | |
| WF - 102 | Wall Finish | Existing Brick walls with plaster and paint, to be repainted to match with existing colour. Prepare and apply 1 coat hooover primer and 2 coats Wallboardie white when acrylic coating to approved colour. |
| WF - 103 | Wall Finish | Wall tiling to comprise 20 x 200mm white ceramic wall tiles to door height and 2mm wide grid joints (grid colour: White). see architect's bathroom layout |
| NL - LR1 | New locker | Lockers standard entry level locker with reinforced doors with top hat stiffeners side facing holes for easy assembly colour to be approved at 1800mm x 300mm x 450mm with 3 doors per module with piano hinges. |
| NB - BH1 | New beach | Locker Beach unit standard Combines seating mounted on frames and seating installed against walls standard lengths of 300mm x 370mm Manufactured in angle iron, square or round tubing wood and steel seat Electropainting + powder coating of legs recommended for high humidity areas. |
| NS - WHB1 | New Sanitary | Hibiscus - Basins - Wall-Hung - White |
| NS - CT1 | New Sanitary | Metsl - Taps - Pillar Taps - Chrome |
| NS - MR2 | New Sanitary | Mirror 4mm Silvered float glass copper backed mirrors with polished (edges, holes for and fixed with chromium plated dome capped mirror screws with rubber buffers to plugs. |
| NS - CT2 | New Sanitary | Metsl - Taps - Stop Taps - Chrome |
| NS - HT1 | New Sanitary | Metsl - Taps - Stop Taps - Chrome |
| NS - SH1 | New Sanitary | Prestex- Showers - Shower Heads - Chrome Showers - Shower Arms - Chrome |
| NS - PT1 | New Sanitary | Paper towel dispenser Autocolor paper dispenser manufactured from 0.7 cwt cwt enamel finish Stainless Steel Wall mounted Automatic system Lockable dispenser for added security |
| NS - HK1 | New Sanitary | Wall mounted shower hooks Bathroom Toilet Hook Hobe Hook Shower Kitchen Wall Hanging Hooks Wall Mount SUS 304 Stainless Steel Polished |
| NS - SD1 | New Sanitary | Soap Dispenser 500ml Wall Mounted Soap Dispenser |
| NS - TP2 | New Sanitary | Toilet roll holder to be metal chrome plated frame with timber roll fixed to wall with screws as per architect's bathroom layouts |
| NS - WC1 | New Sanitary | Aquasave - Toilets - Low-Level - White |

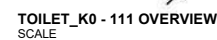


WC015 - 508



| NEW ALTERATIONS | | |
|-----------------|--------------|--|
| KEY LEGEND | DESCRIPTION | SPECIFICATION |
| WF - 102 | Wall Finish | Existing Brick walls with plaster and paint, to be repaired to match with existing colour. Prepare and apply 1 coat hooover primer and 2 coats Wallboard low sheen acrylic coating to approved colour. |
| WF - 103 | Wall Finish | Wall tiling to comprise 20 x 200mm white ceramic wall tiles to door height and 2mm wide grout joints (grout colour White). see architect's bathroom layout. |
| NL - LR1 | New locker | Lockers standard entry level locker with reinforced doors with top hat diffusers side fixing holes for easy assembly colour to be approved at 1800mm x 300mm x 450mm with 3 doors per module with piano hinges. |
| NB - BH1 | New bench | Locker Bench unit standard Combines seating mounted on frames and seating installed against walls standards length of 6000mm x 370mm Manufactured in angle iron, square or round tubing wood and steel seat Electropainting + powder coating of legs well recommended for high humidity areas. |
| NS - WHB1 | New Sanitary | Hibiscus - Basins - Hand-Runged - White |
| NS - CT1 | New Sanitary | Metsl - Taps - Pillar Taps - Chrome |
| NS - MR2 | New Sanitary | Mirror 4mm Silvered float glass copped backed mirrors with polished (edges, holes for and fixed with chromium plated dome capped mirror screws with rubber buffers to plugs. |
| NS - CT2 | New Sanitary | Metsl - Taps - Stop Taps - Chrome |
| NS - HT1 | New Sanitary | Metsl - Taps - Stop Taps - Chrome |
| NS - SH1 | New Sanitary | Prestex - Showers - Shower Heads - Chrome Showers - Shower Arms - Chrome |
| NS - PT1 | New Sanitary | Paper toilet dispenser Autotowel paper dispenser manufactured from 0.7 clear coat enamel finish Stainless Steel Wall mounted Automatic system Lockable dispenser for added security |
| NS - HK1 | New Sanitary | Wall mounted shower hooks Bathroom Toilet Hook Robe Hook Shower Kitchen Wall Hanging Hooks Wall Mount SUS 304 Stainless Steel Toilet Brush |
| NS - SD1 | New Sanitary | Soap Dispenser 500ml Wall Mounted Soap Dispenser |
| NS - TP2 | New Sanitary | Toilet roll holder to be metal chrome plated frame with timber roll fixed to wall with screws as per architect's bathroom layouts |
| NS - WC1 | New Sanitary | Aquasave - Toilets - Low-Level - White |
| NS - UR1 | New Sanitary | White Alpin size 305 x 200mm, fixed to wall with 2No. 8 x 120mm mounting bolts. |

WC015 - 509

[illegible]

510 - TOILET DATA_K0-111
SCALE 1:25



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| Chef | |
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| name: | _____ |
| date: | _____ |
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| | | Project Manager | |
| name: | _____ | | |
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| signature : | _____ | | |

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| | | Architect | |
| name: | _____ | | |
| date: | _____ | | |
| signature : | _____ | | |



public works

Department:
Public Works
REPUBLIC OF SOUTH AFRICA

**DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU**

Consultant

ARCHITECTURE | DESIGN | INNOVATION

THE CREATIVE AXIS

ARCHITECTS

51 Alice street Goodwood, 7460
P O Box 140, Goodwood, 7459
Tel: +27 21 595 3211 | Fax: +27 21 86 595 4423

Discipline

ARCHITECTURE

Service

PARLIAMENTARY PRECINCT:
VARIOUS KITCHENS:
REPLACEMENT OF
REDUNDANT KITCHEN
EQUIPMENT INCLUDING
CONSTRUCTION WORK.

WCS number

05496

Drawing

90 PLEIN KITCHEN PLAN

TITLE K0 - 111

Ref.no

Scale

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Drawing

1 : 25

05/23/22

Designer

Draw

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Current

Designer

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WC015 - 510

WCS 054967
PARLIAMENT PRECINCT
UPGRADE OF VARIOUS KITCHENS

FINISHES SCHEDULE

FIRST FLOOR 90 PLEIN FINISHES SCHEDULE

MAY 25, 2022
THE CREATIVE AXIS ARCHITECT

FINISHES SPECIFICATION SCHEDULE

REVISION – 1

90 PLEIN PLAN KITCHEN

DRAWING NUMBER: WC015 -511

ROOM DESCRIPTION: COOKING AREA_K1-201_35m²

WALLS

- New walls to be constructed as per layout plan according to SANS 10400

WALL FINISHES

- 100mm x 200mm Ceramic wall tiles with epoxy grout to 2M underside of ceiling - colour as per approved sample

FLOOR FINISHES

- Existing floor finishes to be removed. Screeds to fall to floor drains as per the wet services layouts. With a Food safe fast-curing resin system that meets the food industry's operational needs for a clean, safe and sanitary environment. Combining the strength of superior inter-coat adhesion with chemical, wear and slip resistance.
- All surfaces should be a minimum of 25N/mm², free from laitance, dust and other contamination, dry to 75% RH as per BS8204 and free from rising damp and ground water pressure. Apply two coats Dusty Grey Coating (spread rate 4 - 5m²/litre) to a minimum 0,5mm thickness with an overcoating time of 15 hours. Applied in accordance with approved the supplies specifications by approved applicators.

CEILING

- Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint Fire Performance Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled). ASTM E1264 Classification Type IV, Form 2, Pattern E; Fire Class A. Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.
- Treated with a antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.

KITCHEN EQUIPMENT

- Kitchen equipment to be surveyed and reused where possible as per the quantity surveyors' allowance and recommendation.

90 PLEIN PLAN KITCKEN

DRAWING NUMBER: WC015 -512

ROOM Scription: COOKING AREA_K1-202_26m²

WALL FINISHES

- 100mm x 200mm Ceramic wall tiles with epoxy grout to 2M underside of ceiling - colour as per approved sample

FLOOR FINISHES

- Existing floor finishes to be removed. Screeds to fall to floor drains as per the wet services layouts. With a Food safe fast-curing resin system that meets the food industry's operational needs for a clean, safe and sanitary environment. Combining the strength of superior inter-coat adhesion with chemical, wear and slip resistance.
- All surfaces should be a minimum of 25N/mm², free from laitance, dust and other contamination, dry to 75% RH as per BS8204 and free from rising damp and ground water pressure. Apply two coats Dusty Grey Coating (spread rate 4 - 5m²/litre) to a minimum 0,5mm thickness with an overcoating time of 15 hours. Applied in accordance with approved the supplies specifications by approved applicators.

CEILING

- Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint Fire Performance. Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled). ASTM E1264 Classification Type IV, Form 2, Pattern E; Fire Class A. Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.
- Treated with a antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.

KITCHEN EQUIPMENT

- Kitchen equipment to be surveyed and reused where possible as per the quantity surveyors' allowance and recommendation.

90 PLEIN PLAN KITCKEN

DRAWING NUMBER: WC015 -513

ROOM Scription: OFFICE_K1-203_16m²

WALL FINISHES

- Existing Brick walls with plaster and paint, to be repainted to match with existing colour, Prepare and apply 1 coat hicover primer and 2 coats Wallbrite low sheen acrylic coating to approved colour.

FLOOR FINISHES

- Existing floor finishes to be removed. Screeds to fall to floor drains as per the wet services layouts. With a Food safe fast-curing resin system that meets the food industry's operational needs for a clean, safe and sanitary environment. Combining the strength of superior inter-coat adhesion with chemical, wear and slip resistance.
- All surfaces should be a minimum of 25N/mm², free from laitance, dust and other contamination, dry to 75% RH as per BS8204 and free from rising damp and ground water pressure. Apply two coats Dusty Grey Coating (spread rate 4 - 5m²/litre) to a minimum 0,5mm thickness with an overcoating time of 15 hours. Applied in accordance with approved the supplies specifications by approved applicators.

CEILING

- Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint Fire Performance. Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled). ASTM E1264 Classification Type IV, Form 2, Pattern E; Fire Class A. Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.
- Treated with a antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.

DOORS

- Existing doors to be sanded down and painted, as per specialist details.
- Ironmongery to be serviced cleaned and reused

KITCHEN EQUIPMENT

- Kitchen equipment to be surveyed and reused where possible as per the quantity surveyors' allowance and recommendation.

90 PLEIN PLAN KITCKEN

DRAWING NUMBER: WC015 -514

ROOM Scription: STORE ROOM_K1-204_5m²

WALL FINISHES

- Existing Brick walls with plaster and paint, to be repainted to match with existing colour, Prepare and apply 1 coat hicover primer and 2 coats Wallbrite low sheen acrylic coating to approved colour.

FLOOR FINISHES

- Existing floor finishes to be removed. Screeds to fall to floor drains as per the wet services layouts. With a Food safe fast-curing resin system that meets the food industry's operational needs for a clean, safe and sanitary environment. Combining the strength of superior inter-coat adhesion with chemical, wear and slip resistance.
- All surfaces should be a minimum of 25N/mm², free from laitance, dust and other contamination, dry to 75% RH as per BS8204 and free from rising damp and ground water pressure. Apply two coats Dusty Grey Coating (spread rate 4 - 5m²/litre) to a minimum 0,5mm thickness with an overcoating time of 15 hours. Applied in accordance with approved the supplies specifications by approved applicators.

CEILING

- Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint Fire Performance. Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled). ASTM E1264 Classification Type IV, Form 2, Pattern E; Fire Class A. Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.
- Treated with a antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.

DOORS

- Existing doors to be sanded down and painted, as per specialist details.
- Ironmongery to be serviced cleaned and reused

KITCHEN EQUIPMENT

- Kitchen equipment to be surveyed and reused where possible as per the quantity surveyors' allowance and recommendation.

90 PLEIN PLAN KITCKEN

DRAWING NUMBER: WC015 -513

ROOM Scription: BREAKFAST KITCKEN_K1-205_19m²

WALL FINISHES

- 100mm x 200mm Ceramic wall tiles with epoxy grout to 2M underside of ceiling - colour as per approved sample

WALL FINISHES

- Existing Brick walls with plaster and paint, to be repainted to match with existing colour, Prepare and apply 1 coat hicover primer and 2 coats Wallbrite low sheen acrylic coating to approved colour.

FLOOR FINISHES

- Existing floor finishes to be removed. Screeds to fall to floor drains as per the wet services layouts. With a Food safe fast-curing resin system that meets the food industry's operational needs for a clean, safe and sanitary environment. Combining the strength of superior inter-coat adhesion with chemical, wear and slip resistance.
- All surfaces should be a minimum of 25N/mm², free from laitance, dust and other contamination, dry to 75% RH as per BS8204 and free from rising damp and ground water pressure. Apply two coats Dusty Grey Coating (spread rate 4 - 5m²/litre) to a minimum 0,5mm thickness with an overcoating time of 15 hours. Applied in accordance with approved the supplies specifications by approved applicators.

CEILING

- Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint Fire Performance. Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled). ASTM E1264 Classification Type IV, Form 2, Pattern E; Fire Class A. Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.
- Treated with a antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.

DOORS

- Existing doors to be sanded down and painted, as per specialist details.
- Ironmongery to be serviced cleaned and reused

KITCHEN EQUIPMENT

- Kitchen equipment to be surveyed and reused where possible as per the quantity surveyors' allowance and recommendation.

90 PLEIN PLAN KITCKEN

DRAWING NUMBER: WC015 -516

ROOM Scription: FREEZER_K1-206_4m²

FLOORING:

- Floor panels with standard 1mm primed galvanized sheets or optional primed stainless-steel cladding.
- Base slab and wearing floor shall be designed to accommodate the maximum load and constructed in accordance with BS 6399 Pt 1 and SANS 10160.
- Frost heave prevention ventilation ducts laid beneath the base slab during construction. This method is not widely used in South Africa
- Vapour seal: Floor insulation shall be sealed against vapour penetration. This is generally achieved by laying a heavy-duty polythene sheet of minimum thickness 250 microns over the base slab ensuring that all the joints are well lapped and sealed. In order to avoid perforation of this polythene sheet, the base slab should have a smooth finish. The wall to floor joint shall be sealed against vapour penetration.
- Floor insulation should be laid in layers with staggered joints. Due attention should be given to: Floor loading, including areas of high loading to carry mobile racking.
- Dynamic loads - 165 kPa compressive strength.
- Temperature within the cold store.
- The effect of concrete poured on the insulation, which can be avoided by a building paper slip- sheet between the wearing floor and the insulation.

WALLS

- WALLS standard panel size: 1200 x 2100, 2400mm
- Panels are fitted with groove and tongue and foamed in place camlocks
- Panels are manufactured in temperature-controlled jigs and polyurethane is direct injected for perfect bonding.
- Thicknesses / k-factor
60mm = 0.315 W (m².K)
80mm = 0.239 W(m².K)
100mm = 0.193 W(m².K)
- Cladding: 0.5mm chromadek, frost white galvanizing grade Z200.
- Camlock: pulling power 350kg for perfect joints.
- Polyurethane foam density: 35-40kg.
- B3 fire rating, B2 available on demand and high volume.

CEILING

- Standard panel size: 1200 x 2100, 2400
- Panels are fitted with groove and tongue and foamed in place camlocks
- Panels are manufactured in temperature-controlled jigs and polyurethane is direct injected for perfect bonding.
- Thicknesses / k-factor
60mm = 0.315 W (m².K)
80mm = 0.239 W(m².K)
100mm = 0.193 W(m².K)
- Cladding: 0.5mm chromadek, frost white galvanizing grade Z200.
- Camlock: pulling power 350kg for perfect joints.
- Polyurethane foam density: 35-40kg.
- B3 fire rating, B2 available on demand and high volume.

DOOR

- Lockable handle with safety device standard heavy-duty hinges.
- Heat and cold resistant gaskets standard. (-50°C to +200°C)
- Standard opening 850 x 2070mm, 80mm thickness

LIGHTING:

- Heavy Duty, Waterproof, Low Energy, Florescent Lighting T5

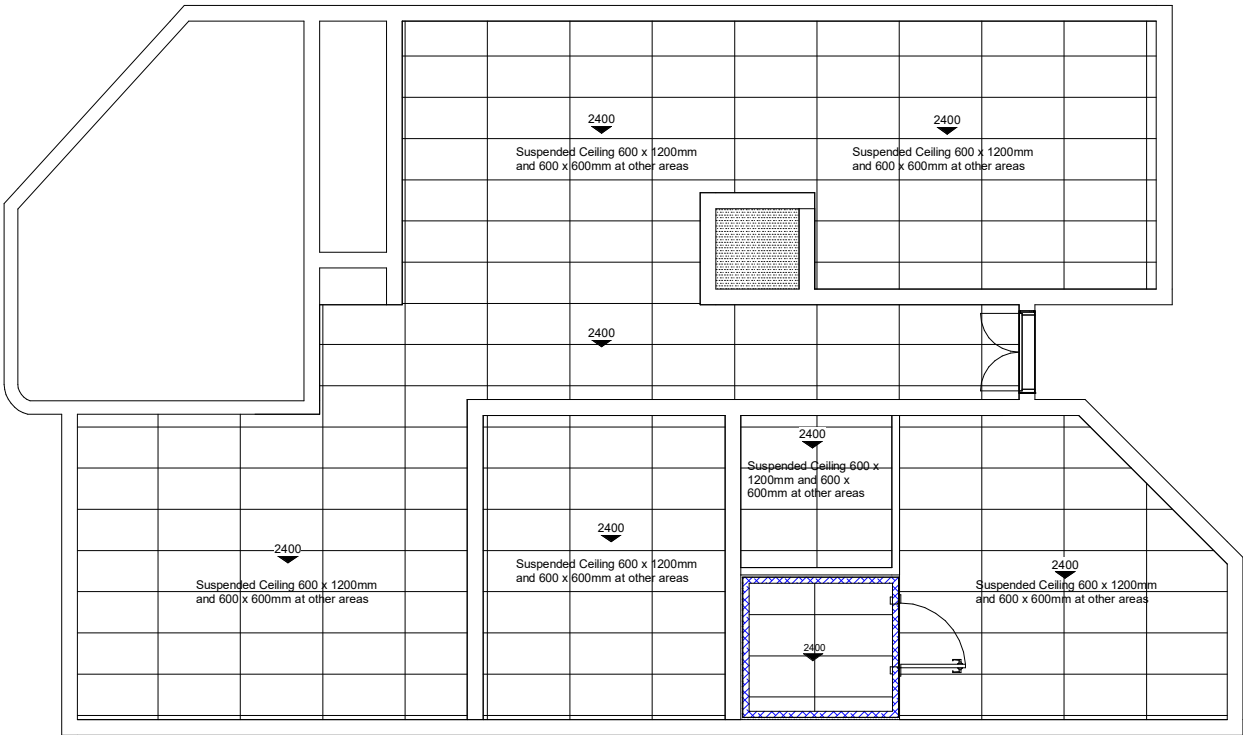
CORNICE:

- Internal vertical corner flashing aluminium angle 40x40x2m fixed to ceiling and wall panel with rivets 3(4,8x11 @400mm c/c see cornice detail



Kitchen equipment to be surveyed and reused where possible as per the quantity surveyors allowance and recommendation

WC015 - 101



PROJECT SCOPE:

WALLS

New walls to be constructed as per layout plan according to SANS 10400

WALL FINISHES

100mm x 200mm Ceramic wall tiles with epoxy grout to underside of ceiling - colour as per approved sample

FLOOR FINISHES

Preparation areas & store rooms

Existing floor finishes to be removed. Screeds to fall to floor drains as per the wet services layouts. With a Foodsafe fast-curing resin system that meets the food industry's operational needs for a clean, safe and sanitary environment. Combining the strength of superior inter-coat adhesion with chemical, wear and slip resistance

COLD ROOM

Cold Room floors by specialist

CEILING

Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint

Fire Performance
Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled). ASTM E1264 Classification Type IV, Form 2, Pattern E; Fire Class A. Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended

for areas subject to high humidity, up to, but not including, standing water and outdoor applications. Treated with a antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.

DOORS

New doors to match existing

Existing doors to be sanded down and painted, as per specialist details
Ironmongery to be serviced cleaned and reused

WINDOWS

Existing windows to be sanded down and cleaned and repainted as per specialist specification

KITCHEN EQUIPMENT

Kitchen equipment to be surveyed and reused where possible as per the quantity surveyors allowance and recommendation

| No. | DATE | AMENDMENT | D.P.W |
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date: _____

signature : _____

Project Manager

name: _____

date: _____

signature : _____


Architect

name: _____

date: _____

signature : _____

cad file name page type
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DPM PARLIAMENTARY KITCHENS - WC_015 DPM PARLIAMENTARY
KITCHENS\015 Design Concept\015_000 Kitchen Design\015
015_000_015_000 - Ground Floor 90 Plain Kitchen.dwg
A 1

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DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

Consultant

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THE CREATIVE AXIS
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Discipline
ARCHITECTURE

Service

**PARLIAMENTARY PRECINCT:
VARIOUS KITCHENS:
REPLACEMENT OF
REDUNDANT KITCHEN
EQUIPMENT INCLUDING
CONSTRUCTION WORK.**

WCS number
05496

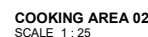
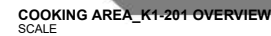
Drawing
90 PLEIN KITCHEN PLAN

FIRST FLOOR CEILING 90 PLEIN

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| Ref.no | Design | Designer |
| Scal | 1 : 50 | Draw |
| Dat | 05/25/22 | Checke |
| Drawing | Current | Checker |

WC015 - 211

| NEW ALTERATIONS | | |
|-----------------|-----------------------|---|
| KEY LEGEND | DESCRIPTION | SPECIFICATION |
| WF - 102 | Wall Finish | 100mm x 200mm Ceramic wall tiles with epoxy grout to 2nd underside of ceiling - colour as per approved sample |
| NW - 101 | New wall | New high wall from FFL to soffit |
| NE - CG1 | Corner guards | Natural aluminium 1600x20x20mm arcansas |
| NE - S06 | New Equipment | CM101 & 6110 pan combi steamer stacked with 6 pan water filler |
| NE - S07 | New Equipment | R-06 open burner gas range with oven |
| NE - S08 | New Equipment | 2.5 Door under fridge bar |
| NC - 100 | New suspended Ceiling | Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint Fire Performance Class A. ASTM E84 and CANULC 2502 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled) ASTM E 84 Classification Type IV, Form 2, Pattern E, Fire Class A. Humidity/Salt Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications. Treated with an antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling line surface |



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| | | Project Manager | |
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| | | Architect | |
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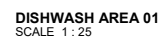
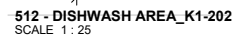
public works

Department:
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REPUBLIC OF SOUTH AFRICA

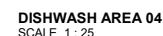
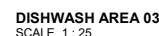
DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

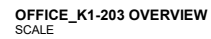
PARLIAMENTARY PRECINCT:
VARIOUS KITCHENS:
REPLACEMENT OF
REDUNDANT KITCHEN
EQUIPMENT INCLUDING
CONSTRUCTION WORK.

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| WCS number | 05496 | |
| Drawing | | |
| 90 PLEIN KITCHEN PLAN | | |
| COOKING AREA K1-201 | | |
| Ref no | Designer | Designer |
| Scale | Draw | Author |
| Date | Checke | Checker |
| Drawing | Current | |
| WC015 - 511 | | |



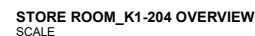
DISHWASH AREA 02
SCALE 1 : 25

WC015 - 512



512 - OFFICE_K1-203
SCALE 1 : 25

[illegible]



513 - STORE ROOM_K1-204
SCALE 1 : 25



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| | Chef |
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| | | Project Manager | |
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| date: _____ | | | |
| signature : _____ | | | |

Architect

name: _____

date: _____

signature : _____



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Department:
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REPUBLIC OF SOUTH AFRICA

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Consultant

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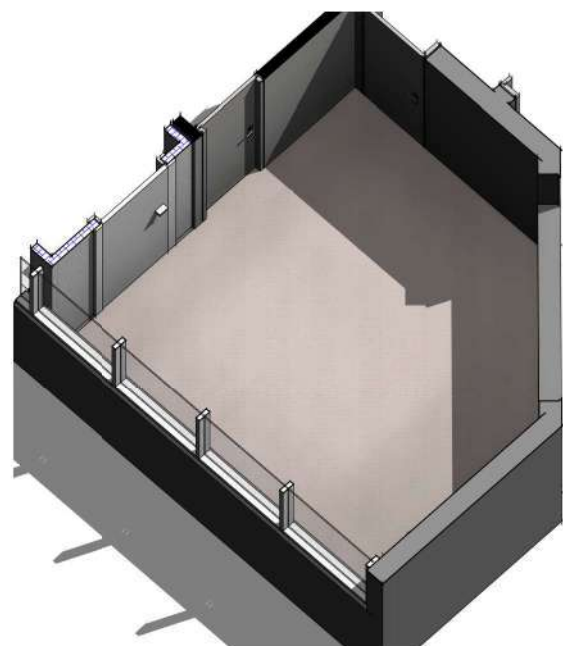
Discipline

ARCHITECTURE

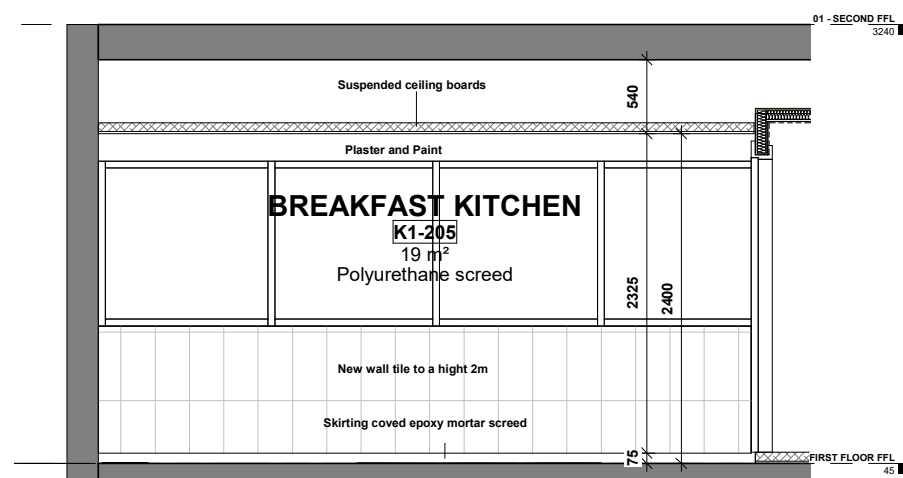
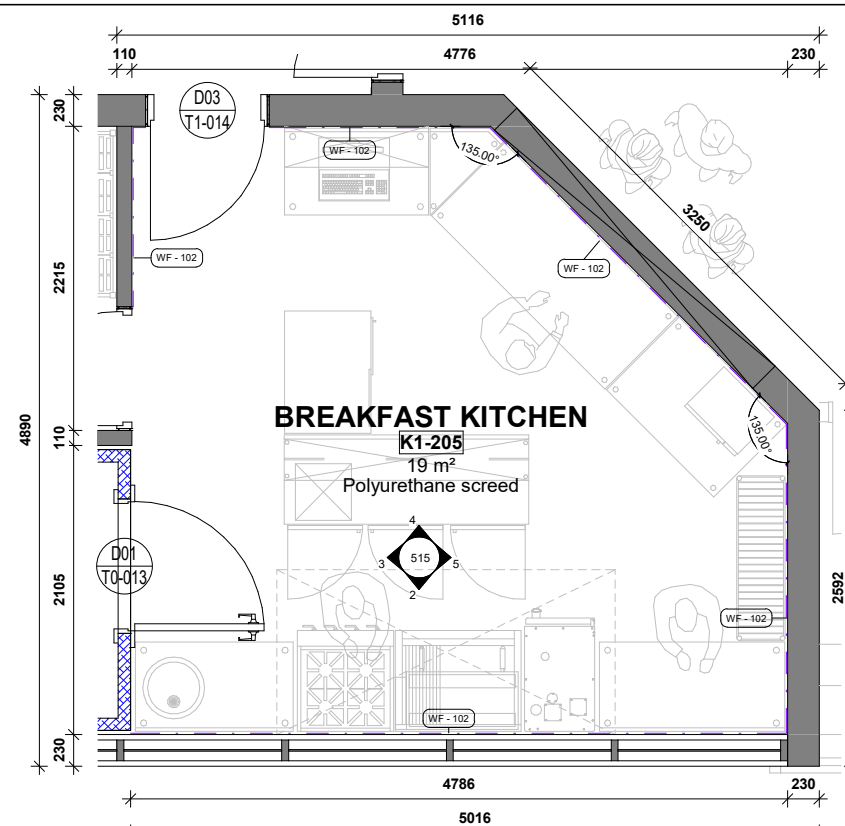
Service

PARLIAMENTARY PRECINCT:
VARIOUS KITCHENS:
REPLACEMENT OF
REDUNDANT KITCHEN
EQUIPMENT INCLUDING
CONSTRUCTION WORK.

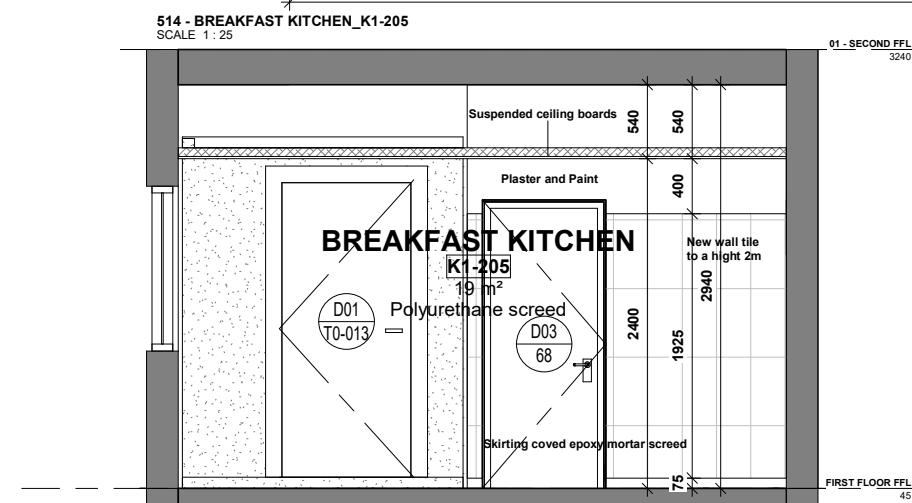
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| WCS number | 05496 | | |
| Drawing | | | |
| 90 PLEIN KITCHEN PLAN | | | |
| STORE ROOM K1-204 | | | |
| Ref.no | | | |
| Scale | 1 : 25 | | |
| Dat | 05/24/22 | | |
| Drawing | Design | Designer | |
| | Draw | Author | |
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| WC015 - 514 | | | |



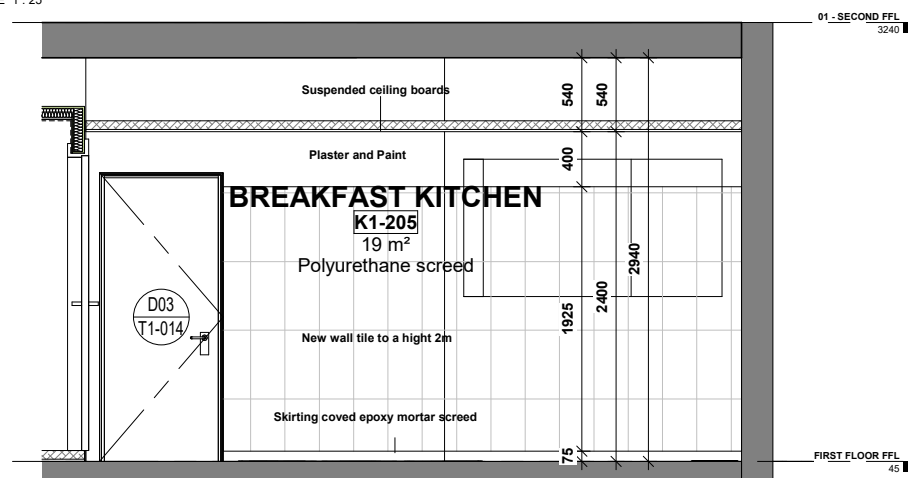
| KEY PLAN LEGEND K1 - 205 | | |
|--------------------------|-----------------------|--|
| NEW ALTERATIONS | | |
| KEY LEGEND | DESCRIPTION | SPECIFICATION |
| WF - 102 | Wall Finish | 100mm x 200mm Ceramic wall tiles with epoxy grout to 2M underside of ceiling - colour as per approved sample |
| NC - 100 | New suspended Ceiling | <p>Well-formed mineral fibre with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint. Fire Performance Class A. ASTM E84 and CANULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled) ASTM E1264 Classification Type IV, Form 2, Pattern C, Fire Class 1 (Smoke/Sag Resistance).</p> <p>humiGuard® PLUS ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.</p> <p>Treated with a antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface</p> |



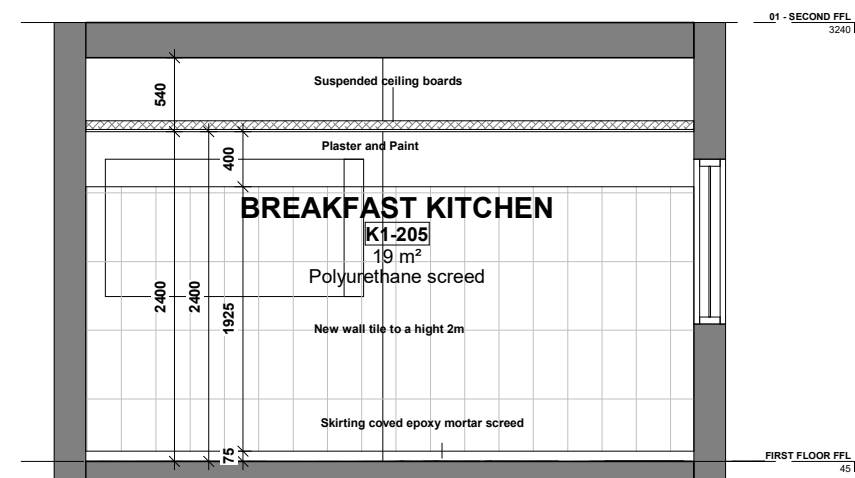
BREAKFAST KITCHEN 01
SCALE 1 : 25



BREAKFAST KITCHEN 02
SCALE 1 : 25



BREAKFAST KITCHEN 03
SCALE 1 : 25



BREAKFAST KITCHEN 04
SCALE 1:25

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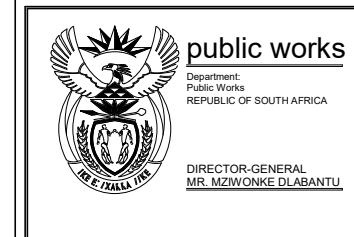
Architect

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date: _____

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Discipline

ARCHITECTURE

Service

PARLIAMENTARY PRECINCT:

VARIOUS KITCHENS:

REPLACEMENT OF

REDUNDANT KITCHEN

EQUIPMENT INCLUDING

CONSTRUCTION WORK.

WCS number

05496

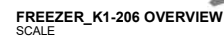
Drawing

90 PLEIN KITCHAN PLAN

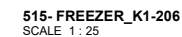
BREAKFAST KITCHEN K1-205

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| Scale 1 : 25 | Draw | Author |
| Date 2004/2/22 | Checke | Checker |
| Drawing | Current | |

WC015 - 515



| KEY PLAN LEGEND K1 -206 | | |
|-------------------------|----------------|---|
| NEW ALTERATIONS | | |
| KEY LEGEND | DESCRIPTION | SPECIFICATION |
| WF - 101 | Wall Finish | 0.5mm chromadek, frost white galvanizing grade Z200 |
| C0 - 001 | Cold room door | As per specialist spec |



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| | | Chef | |
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| Architect | |
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| name: | _____ |
| date: | _____ |
| signature : | _____ |

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| Discipline | ARCHITECTURE |
| Service | |
| <p>PARLIAMENTARY PRECINCT: VARIOUS KITCHENS: REPLACEMENT OF REDUNDANT KITCHEN EQUIPMENT INCLUDING CONSTRUCTION WORK.</p> | |
| WCS number | 05496 |
| Drawing | |
| 90 PLEIN KITCHEN PLAN | |
| FREEZER K1-206 | |
| Ref.no | Designer |
| Scale 1 : 25 | Draw Author |
| Date 05/24/22 | Checke Checker |
| Drawing | Current |

WCS 054967
PARLIAMENT PRECINCT
UPGRADE OF VARIOUS KITCHENS

FINISHES SCHEDULE

MARKS KITCHEN FINISHES SCHEDULE

MAY 27, 2022
THE CREATIVE AXIS ARCHITECT

FINISHES SPECIFICATION SCHEDULE

REVISION – 1

MARKS KITCHEN

DRAWING NUMBER: WC015 -500

ROOM Scription: COFFEE AREA_K3-101_24m²

WALL FINISHES

- Existing Brick walls with plaster and paint, to be repainted to match with existing colour, Prepare and apply 1 coat hicover primer and 2 coats Wallbrite low sheen acrylic coating to approved colour.

FLOOR FINISHES

- Existing floor NOT BE REMOVED

CEILING

- Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint Fire Performance. Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled). ASTM E1264 Classification Type IV, Form 2, Pattern E; Fire Class A. Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.
- Treated with a antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.

DOORS

- Existing doors to be sanded down and painted, as per specialist details.
- Ironmongery to be serviced cleaned and reused

KITCHEN EQUIPMENT

- Kitchen equipment to be surveyed and reused where possible as per the quantity surveyors' allowance and recommendation.

MARKS KITCHEN

DRAWING NUMBER: WC015 -501

ROOM Scription: BREAKFAST KITCHEN_K3-102_17m²

WALL FINISHES

- 100mm x 200mm Ceramic wall tiles with epoxy grout to 2M underside of ceiling - colour as per approved sample

FLOOR FINISHES

- Existing floor finishes to be removed. Screeds to fall to floor drains as per the wet services layouts. With a Food safe fast-curing resin system that meets the food industry's operational needs for a clean, safe and sanitary environment. Combining the strength of superior inter-coat adhesion with chemical, wear and slip resistance.
- All surfaces should be a minimum of 25N/mm², free from laitance, dust and other contamination, dry to 75% RH as per BS8204 and free from rising damp and ground water pressure. Apply two coats Dusty Grey Coating (spread rate 4 - 5m²/litre) to a minimum 0.5mm thickness with an overcoating time of 15 hours. Applied in accordance with approved the supplies specifications by approved applicators.

CEILING

- Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint Fire Performance. Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled). ASTM E1264 Classification Type IV, Form 2, Pattern E; Fire Class A. Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.
- Treated with a antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.

KITCHEN EQUIPMENT

- Kitchen equipment to be surveyed and reused where possible as per the quantity surveyors' allowance and recommendation.

MARKS KITCHEN

DRAWING NUMBER: WC015 -502

ROOM Scription: COLD KITCHEN_K3-103_18m²

WALL FINISHES

- 100mm x 200mm Ceramic wall tiles with epoxy grout to 2M underside of ceiling - colour as per approved sample

FLOOR FINISHES

- Existing floor finishes to be removed. Screeds to fall to floor drains as per the wet services layouts. With a Food safe fast-curing resin system that meets the food industry's operational needs for a clean, safe and sanitary environment. Combining the strength of superior inter-coat adhesion with chemical, wear and slip resistance.
- All surfaces should be a minimum of 25N/mm², free from laitance, dust and other contamination, dry to 75% RH as per BS8204 and free from rising damp and ground water pressure. Apply two coats Dusty Grey Coating (spread rate 4 - 5m²/litre) to a minimum 0.5mm thickness with an overcoating time of 15 hours. Applied in accordance with approved the supplies specifications by approved applicators.

CEILING

- Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint Fire Performance. Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled). ASTM E1264 Classification Type IV, Form 2, Pattern E; Fire Class A. Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.
- Treated with a antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.

KITCHEN EQUIPMENT

- Kitchen equipment to be surveyed and reused where possible as per the quantity surveyors' allowance and recommendation.

MARKS KITCHEN

DRAWING NUMBER: WC015 -503

ROOM Scription: POT & UTENSIL STORE_K3-104_12m²

WALL FINISHES

- 100mm x 200mm Ceramic wall tiles with epoxy grout to 2M underside of ceiling - colour as per approved sample

FLOOR FINISHES

- Existing floor finishes to be removed. Screeds to fall to floor drains as per the wet services layouts. With a Food safe fast-curing resin system that meets the food industry's operational needs for a clean, safe and sanitary environment. Combining the strength of superior inter-coat adhesion with chemical, wear and slip resistance.
- All surfaces should be a minimum of 25N/mm², free from laitance, dust and other contamination, dry to 75% RH as per BS8204 and free from rising damp and ground water pressure. Apply two coats Dusty Grey Coating (spread rate 4 - 5m²/litre) to a minimum 0.5mm thickness with an overcoating time of 15 hours. Applied in accordance with approved the supplies specifications by approved applicators.

CEILING

- Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint Fire Performance. Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled). ASTM E1264 Classification Type IV, Form 2, Pattern E; Fire Class A. Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.
- Treated with a antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.

KITCHEN EQUIPMENT

- Kitchen equipment to be surveyed and reused where possible as per the quantity surveyors' allowance and recommendation.

MARKS KITCHEN

DRAWING NUMBER: WC015 -504

ROOM Scription: DISHWASH_K3-105_18m²

WALL FINISHES

- 100mm x 200mm Ceramic wall tiles with epoxy grout to 2M underside of ceiling - colour as per approved sample

FLOOR FINISHES

- Existing floor finishes to be removed. Screeds to fall to floor drains as per the wet services layouts. With a Food safe fast-curing resin system that meets the food industry's operational needs for a clean, safe and sanitary environment. Combining the strength of superior inter-coat adhesion with chemical, wear and slip resistance.
- All surfaces should be a minimum of 25N/mm², free from laitance, dust and other contamination, dry to 75% RH as per BS8204 and free from rising damp and ground water pressure. Apply two coats Dusty Grey Coating (spread rate 4 - 5m²/litre) to a minimum 0,5mm thickness with an overcoating time of 15 hours. Applied in accordance with approved the supplies specifications by approved applicators.

CEILING

- Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint Fire Performance. Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled). ASTM E1264 Classification Type IV, Form 2, Pattern E; Fire Class A. Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.
- Treated with a antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.

KITCHEN EQUIPMENT

- Kitchen equipment to be surveyed and reused where possible as per the quantity surveyors' allowance and recommendation.

MARKS KITCHEN

DRAWING NUMBER: WC015 -505

ROOM Scription: COOKING AREA_K3-106_74m²

WALL FINISHES

- 100mm x 200mm Ceramic wall tiles with epoxy grout to 2M underside of ceiling - colour as per approved sample

WALL FINISHES

- Existing Brick walls with plaster and paint, to be repainted to match with existing colour, Prepare and apply 1 coat hicover primer and 2 coats Wallbrite low sheen acrylic coating to approved colour.

FLOOR FINISHES

- Existing floor finishes to be removed. Screeds to fall to floor drains as per the wet services layouts. With a Food safe fast-curing resin system that meets the food industry's operational needs for a clean, safe and sanitary environment. Combining the strength of superior inter-coat adhesion with chemical, wear and slip resistance.
- All surfaces should be a minimum of 25N/mm², free from laitance, dust and other contamination, dry to 75% RH as per BS8204 and free from rising damp and ground water pressure. Apply two coats Dusty Grey Coating (spread rate 4 - 5m²/litre) to a minimum 0,5mm thickness with an overcoating time of 15 hours. Applied in accordance with approved the supplies specifications by approved applicators.

CEILING

- Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint Fire Performance. Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled). ASTM E1264 Classification Type IV, Form 2, Pattern E; Fire Class A. Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.
- Treated with a antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.

KITCHEN EQUIPMENT

- Kitchen equipment to be surveyed and reused where possible as per the quantity surveyors' allowance and recommendation.

MARKS KITCHEN

DRAWING NUMBER: WC015 -506

ROOM Scription: PREP AREA_K3-107_22m²

WALL FINISHES

- 100mm x 200mm Ceramic wall tiles with epoxy grout to 2M underside of ceiling - colour as per approved sample

WALL FINISHES

- Existing Brick walls with plaster and paint, to be repainted to match with existing colour, Prepare and apply 1 coat hicover primer and 2 coats Wallbrite low sheen acrylic coating to approved colour.

FLOOR FINISHES

- Existing floor finishes to be removed. Screeds to fall to floor drains as per the wet services layouts. With a Food safe fast-curing resin system that meets the food industry's operational needs for a clean, safe and sanitary environment. Combining the strength of superior inter-coat adhesion with chemical, wear and slip resistance.
- All surfaces should be a minimum of 25N/mm², free from laitance, dust and other contamination, dry to 75% RH as per BS8204 and free from rising damp and ground water pressure. Apply two coats Dusty Grey Coating (spread rate 4 - 5m²/litre) to a minimum 0,5mm thickness with an overcoating time of 15 hours. Applied in accordance with approved the supplies specifications by approved applicators.

CEILING

- Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint Fire Performance. Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled). ASTM E1264 Classification Type IV, Form 2, Pattern E; Fire Class A. Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.
- Treated with a antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.

KITCHEN EQUIPMENT

- Kitchen equipment to be surveyed and reused where possible as per the quantity surveyors' allowance and recommendation.

MARKS KITCHEN

DRAWING NUMBER: WC015 -507

ROOM Scription: DAY STORE_K3-108_7m²

WALL FINISHES

- Existing Brick walls with plaster and paint, to be repainted to match with existing colour, Prepare and apply 1 coat hicover primer and 2 coats Wallbrite low sheen acrylic coating to approved colour.

FLOOR FINISHES

- Existing floor finishes to be removed. Screeds to fall to floor drains as per the wet services layouts. With a Food safe fast-curing resin system that meets the food industry's operational needs for a clean, safe and sanitary environment. Combining the strength of superior inter-coat adhesion with chemical, wear and slip resistance.
- All surfaces should be a minimum of 25N/mm², free from laitance, dust and other contamination, dry to 75% RH as per BS8204 and free from rising damp and ground water pressure. Apply two coats Dusty Grey Coating (spread rate 4 - 5m²/litre) to a minimum 0,5mm thickness with an overcoating time of 15 hours. Applied in accordance with approved the supplies specifications by approved applicators.

CEILING

- Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint Fire Performance. Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled). ASTM E1264 Classification Type IV, Form 2, Pattern E; Fire Class A. Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.
- Treated with a antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.

KITCHEN EQUIPMENT

- Kitchen equipment to be surveyed and reused where possible as per the quantity surveyors' allowance and recommendation.

MARKS KITCHEN

DRAWING NUMBER: WC015 -508

ROOM Scription: BULK DRY STORE_K3-109_13m²

WALL FINISHES

- Existing Brick walls with plaster and paint, to be repainted to match with existing colour, Prepare and apply 1 coat hicover primer and 2 coats Wallbrite low sheen acrylic coating to approved colour.

FLOOR FINISHES

- Existing floor finishes to be removed. Screeds to fall to floor drains as per the wet services layouts. With a Food safe fast-curing resin system that meets the food industry's operational needs for a clean, safe and sanitary environment. Combining the strength of superior inter-coat adhesion with chemical, wear and slip resistance.
- All surfaces should be a minimum of 25N/mm², free from laitance, dust and other contamination, dry to 75% RH as per BS8204 and free from rising damp and ground water pressure. Apply two coats Dusty Grey Coating (spread rate 4 - 5m²/litre) to a minimum 0.5mm thickness with an overcoating time of 15 hours. Applied in accordance with approved the supplies specifications by approved applicators.

CEILING

- Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint Fire Performance. Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled). ASTM E1264 Classification Type IV, Form 2, Pattern E; Fire Class A. Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.
- Treated with a antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.

KITCHEN EQUIPMENT

- Kitchen equipment to be surveyed and reused where possible as per the quantity surveyors' allowance and recommendation.

MARKS KITCHEN

DRAWING NUMBER: WC015 -509

ROOM SCRIPTON: BULK MEAT PREP_K3-110_11m²

WALL FINISHES

- 100mm x 200mm Ceramic wall tiles with epoxy grout to 2M underside of ceiling - colour as per approved sample

WALL FINISHES

- Existing Brick walls with plaster and paint, to be repainted to match with existing colour, Prepare and apply 1 coat hicover primer and 2 coats Wallbrite low sheen acrylic coating to approved colour.

FLOOR FINISHES

- Existing floor finishes to be removed. Screeds to fall to floor drains as per the wet services layouts. With a Food safe fast-curing resin system that meets the food industry's operational needs for a clean, safe and sanitary environment. Combining the strength of superior inter-coat adhesion with chemical, wear and slip resistance.
- All surfaces should be a minimum of 25N/mm², free from laitance, dust and other contamination, dry to 75% RH as per BS8204 and free from rising damp and ground water pressure. Apply two coats Dusty Grey Coating (spread rate 4 - 5m²/litre) to a minimum 0,5mm thickness with an overcoating time of 15 hours. Applied in accordance with approved the supplies specifications by approved applicators.

CEILING

- Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint Fire Performance. Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled). ASTM E1264 Classification Type IV, Form 2, Pattern E; Fire Class A. Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.
- Treated with a antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.

KITCHEN EQUIPMENT

- Kitchen equipment to be surveyed and reused where possible as per the quantity surveyors' allowance and recommendation.

MARKS KITCHEN

DRAWING NUMBER: WC015 -510

ROOM Scription: COLD ROOM K3-111/112/113/114_K3-110_19m²

FLOORING:

- Floor panels with standard 1mm primed galvanized sheets or optional primed stainless-steel cladding.
- Base slab and wearing floor shall be designed to accommodate the maximum load and constructed in accordance with BS 6399 Pt 1 and SANS 10160.
- Frost heave prevention ventilation ducts laid beneath the base slab during construction. This method is not widely used in South Africa
- Vapour seal: Floor insulation shall be sealed against vapour penetration. This is generally achieved by laying a heavy-duty polythene sheet of minimum thickness 250 microns over the base slab ensuring that all the joints are well lapped and sealed. In order to avoid perforation of this polythene sheet, the base slab should have a smooth finish. The wall to floor joint shall be sealed against vapour penetration.
- Floor insulation should be laid in layers with staggered joints. Due attention should be given to: Floor loading, including areas of high loading to carry mobile racking.
- Dynamic loads - 165 kPa compressive strength.
- Temperature within the cold store.
- The effect of concrete poured on the insulation, which can be avoided by a building paper slip- sheet between the wearing floor and the insulation.

WALLS

- WALLS standard panel size: 1200 x 2100, 2400mm
- Panels are fitted with groove and tongue and foamed in place camlocks
- Panels are manufactured in temperature-controlled jigs and polyurethane is direct injected for perfect bonding.
- Thicknesses / k-factor
60mm = 0.315 W (m².K)
80mm = 0.239 W(m².K)
100mm = 0.193 W(m².K)
- Cladding: 0.5mm chromadek, frost white galvanizing grade Z200.
- Camlock: pulling power 350kg for perfect joints.
- Polyurethane foam density: 35-40kg.
- B3 fire rating, B2 available on demand and high volume.

CEILING

- Standard panel size: 1200 x 2100, 2400
- Panels are fitted with groove and tongue and foamed in place camlocks
- Panels are manufactured in temperature-controlled jigs and polyurethane is direct injected for perfect bonding.
- Thicknesses / k-factor
60mm = 0.315 W (m².K)
80mm = 0.239 W(m².K)
100mm = 0.193 W(m².K)
- Cladding: 0.5mm chromadek, frost white galvanizing grade Z200.
- Camlock: pulling power 350kg for perfect joints.
- Polyurethane foam density: 35-40kg.
- B3 fire rating, B2 available on demand and high volume.

DOOR

- Lockable handle with safety device standard heavy-duty hinges.
- Heat and cold resistant gaskets standard. (-50°C to +200°C)
- Standard opening 850 x 2070mm, 80mm thickness

LIGHTING:

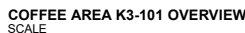
- Heavy Duty, Waterproof, Low Energy, Florescent Lighting T5

CORNICE:

- Internal vertical corner flashing aluminium angle 40x40x2m fixed to ceiling and wall panel with rivets 3(4,8x11 @400mm c/c see cornice detail

WC015 - 103 D

BASEMENT FREEZER
SCALE 1 : 50



All specification to be checked by Architect

NOTE:
ALL RELEVANT DETAILS, LEVELS AND DIMENSIONS
ARE TO BE CHECKED ON SITE PRIOR TO COMMENCEMENT
OF WORK.
ANY QUERIES OR DISCREPANCIES ARE TO BE
TIMELY FORWARDED TO THE ARCHITECT.

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Discipline **ARCHITECTURE**

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PARLIAMENTARY PRECINCT:
VARIOUS KITCHENS:
REPLACEMENT OF
REDUNDANT KITCHEN
EQUIPMENT INCLUDING
CONSTRUCTION WORK.

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MARKS KITCHEN


COFFEE AREA K3-101

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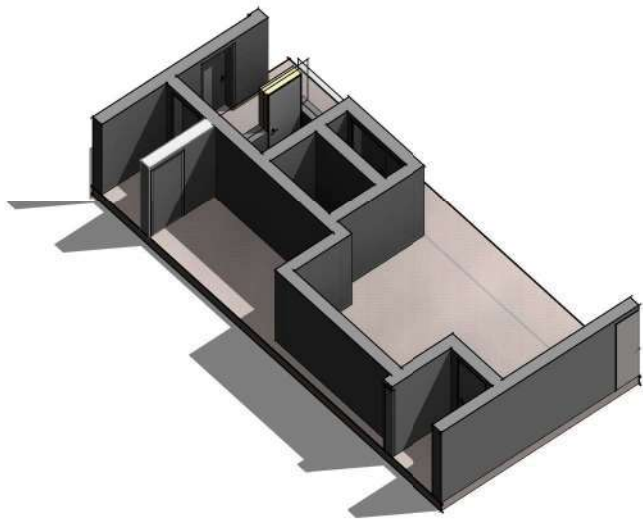
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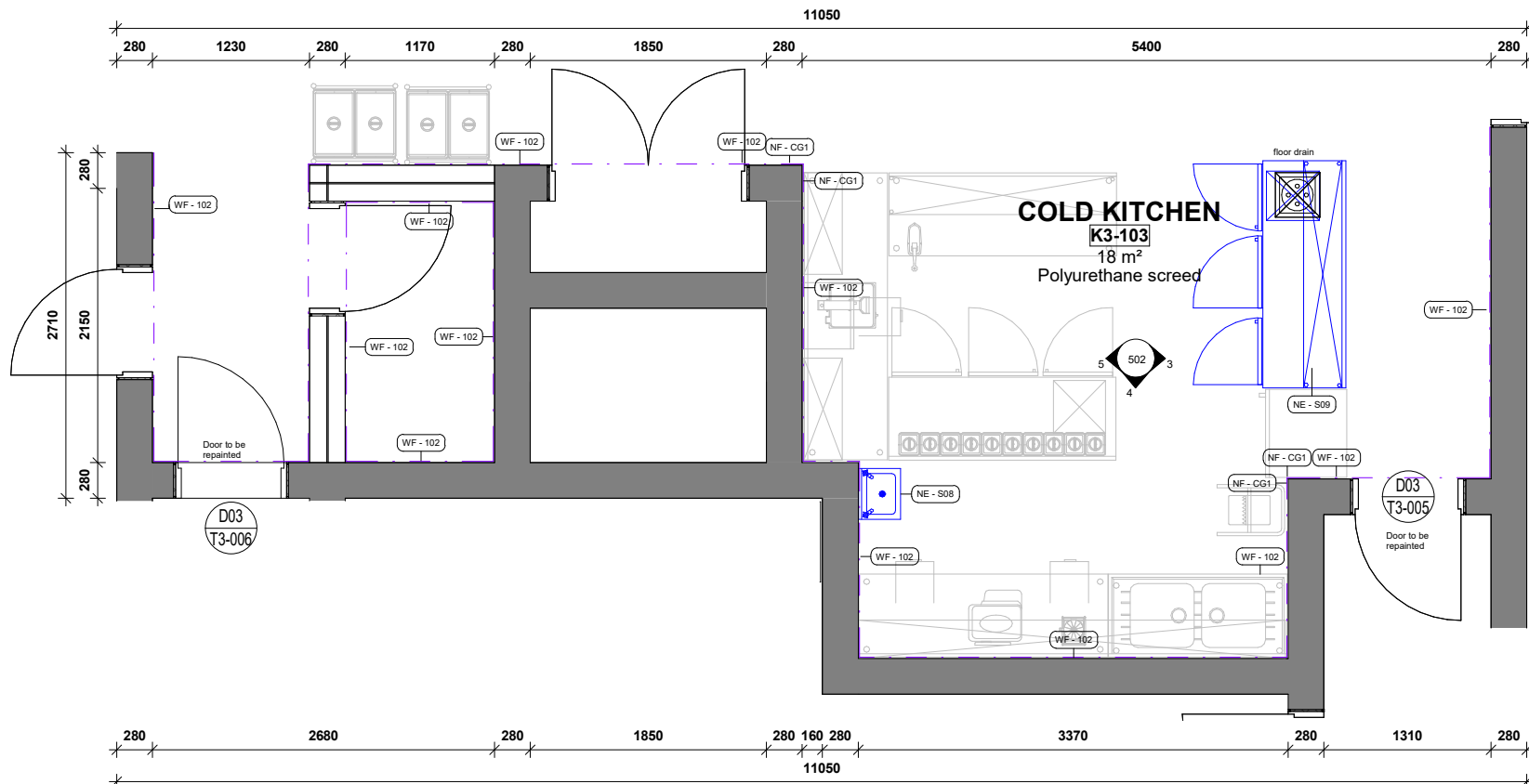
MARKS KITCHEN

BREAKFAST KITCHEN K3-102

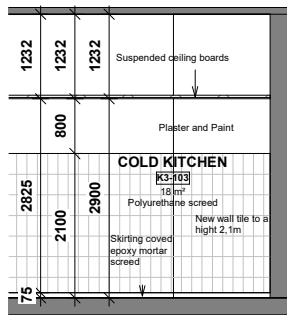
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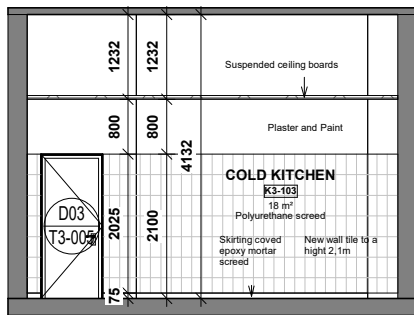
COLD KITCHEN K3-103 OVERVIEW
SCALE



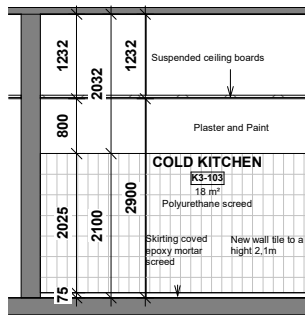
502 - COLD KITCHEN K3-103
SCALE 1 : 25



COLD KITCHEN 01
SCALE 1 : 50



COLD KITCHEN 02
SCALE 1 : 50



COLD KITCHEN 03
SCALE 1 : 50

KEY PLAN LEGEND K3-103

| NEW ALTERATIONS | | |
|-----------------|-----------------------|---|
| KEY LEGEND | DESCRIPTION | SPECIFICATION |
| WF - 102 | Wall Finish | 100mm x 200mm Ceramic wall tiles with epoxy grout to 2M underside of ceiling - colour as per approved sample |
| NF - CG1 | Corner guards | Natural aluminium 1600x20x20mm arcansas |
| NE - S08 | New Equipment | S/S wash hand basin |
| NE - S09 | New Equipment | 2.5 door u/lbar fridge sbr |
| NC - 100 | New suspended Ceiling | Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint Fire Performance Class A- ASTM E84 and CANULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled). ASTM E1264 Classification Type IV, Form 2, Pattern E. Fire Class A. Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications. Treated with a antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface |

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EQUIPMENT INCLUDING
CONSTRUCTION WORK.

WCS number
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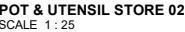
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MARKS KITCHEN

COLD KITCHEN K3-103

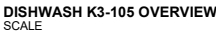
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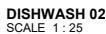
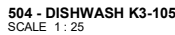


| KEY PLAN LEGEND K3 -104 | | |
|-------------------------|-----------------------|--|
| NEW ALTERATIONS | | |
| KEY LEGEND | DESCRIPTION | SPECIFICATION |
| WF - 102 | Wall Finish | 100mm x 200mm Ceramic wall tiles with epoxy grout to 2M underside of ceiling - colour as per approved sample |
| NC - CG1 | Corner guards | Aluminium aluminium 1600x20x20mm arcanas |
| NE - S08 | New Equipment | S/S wash hand basin |
| NC - 100 | New suspended Ceiling | <p>Wet-formed mineral fibre with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint. Fire Performance Class A: ASTM E84 and CANULC S102 smoke burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled) ASTM E1264 Classification Type IV, Form 2.</p> <p>Pattern E: Fire Class A. Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas treated with high humidity, up to, but not including, standing water and outdoor applications.</p> <p>Treated with a antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface</p> |

WC015 - 503



| KEY PLAN LEGEND K3-105 | | |
|------------------------|-----------------------|---|
| NEW ALTERATIONS | | |
| KEY | DESCRIPTION | SPECIFICATION |
| WF-102 | Wall Finish | 100mm x 200mm Ceramic wall tiles with epoxy grout to 2M underlaid of ceiling – colour as per approved sample |
| NF-C01 | Corner guards | Natural aluminium 1600x20x20mm arcavase |
| NE-S10 | New Equipment | 3hp waste disposal unit - c/w silver saver |
| NE-S11 | New Equipment | s/s double drieties angled dump table with scrapeloe |
| NE-S12 | New Equipment | Overhead spray unit |
| NE-S13 | New Equipment | S/S double bowl pre wash sink |
| NE-S14 | New Equipment | Comend ac2e-p5 rack advancing dishwasher |
| NE-S15 | New Equipment | S/S 90 degree roller outlet table |
| NE-S16 | New Equipment | S/S single tier wall shelving |
| NE-S17 | New Equipment | S/S roller outlet table with basket runners under |
| NC-100 | New suspended Ceiling | <p>Wet-formed mineral fibre with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint Fire Performance Class A: ASTM E84 and CANULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled) ASTM E1264 Classification Type I, Form 2, Pattern E: Fire Class A Humidity/Bag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.</p> <p>Treated with an antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface</p> |

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PARLIAMENTARY PRECINCT:
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REPLACEMENT OF
REDUNDANT KITCHEN
EQUIPMENT INCLUDING
CONSTRUCTION WORK.

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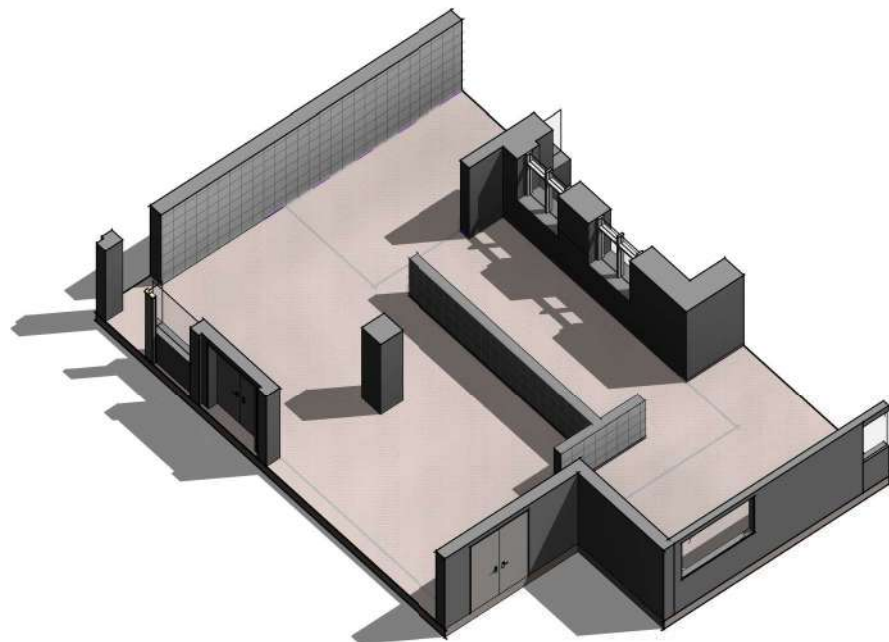
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MARKS KITCHEN

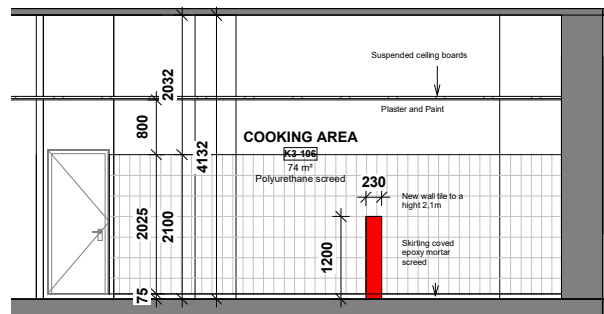
DISHWASH K3-105

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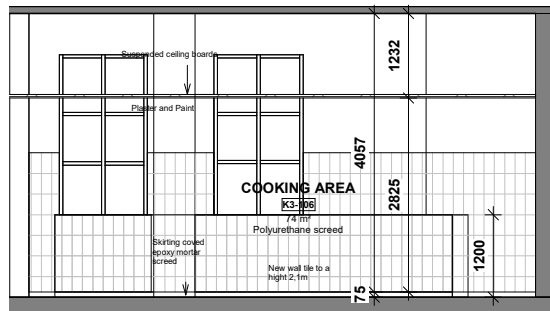
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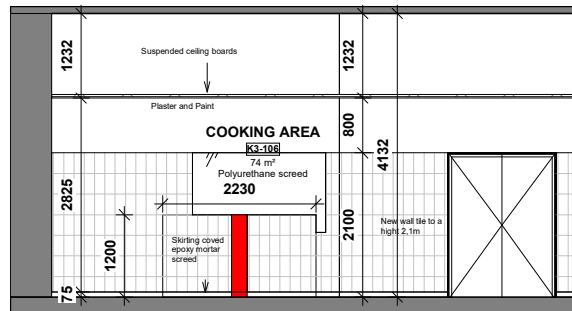
COOKING AREA K3-106 OVERVIEW
SCALE



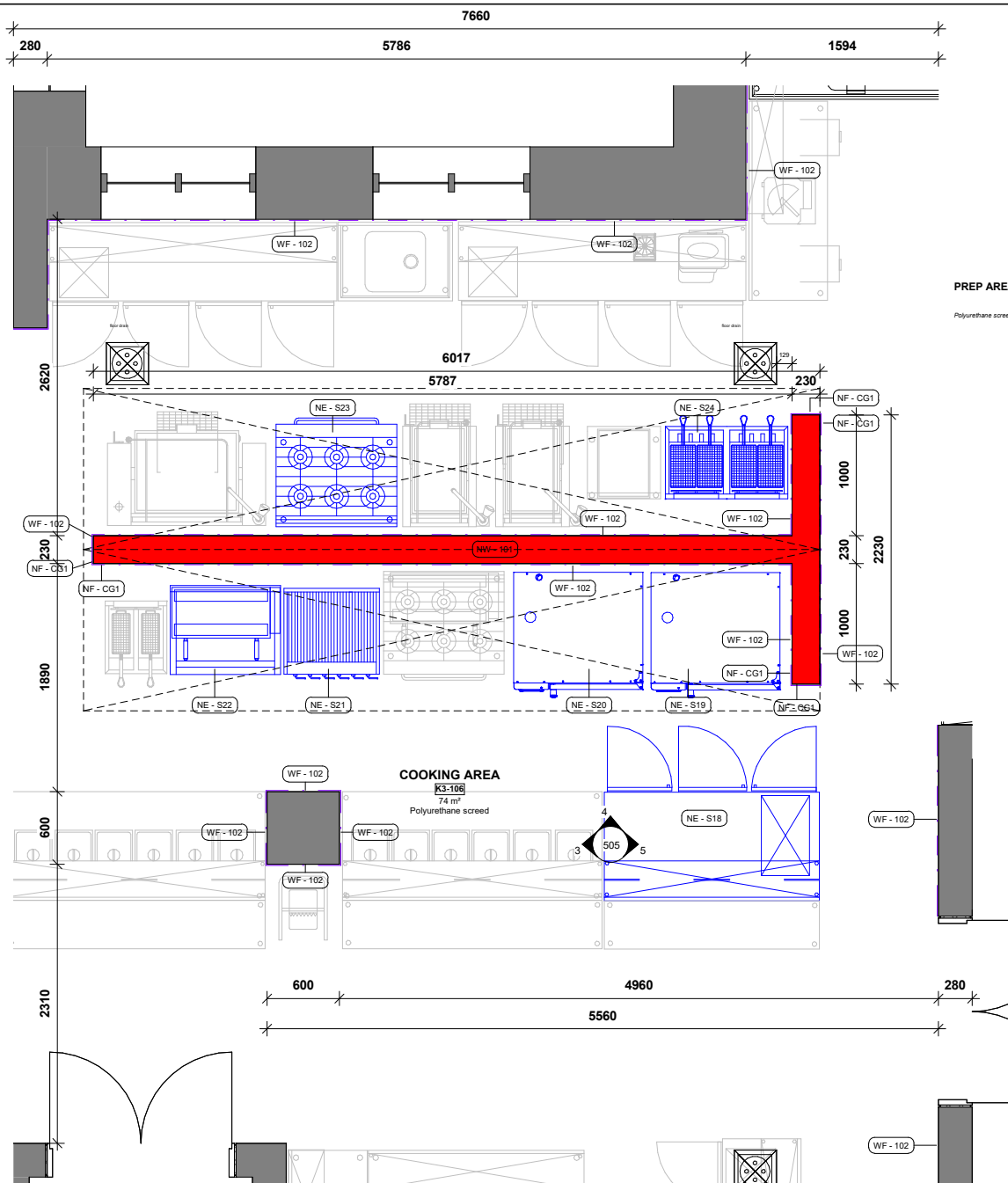
COOKING AREA 01
SCALE 1 : 50



COOKING AREA 02
SCALE 1 : 50



COOKING AREA 03
SCALE 1 : 50



505 - COOKING AREA K3-106
SCALE 1 : 25

KEY PLAN LEGEND K3 - 106

| NEW ALTERATIONS | | |
|-----------------|-----------------------|--|
| KEY LEGEND | DESCRIPTION | SPECIFICATION |
| WF - 102 | Wall Finish | 100mm x 200mm Ceramic wall tiles with epoxy grout to 2M underside of ceiling - colour as per approved sample |
| NF - CG1 | Corner guards | Natural aluminium 1600x20x20mm arcasans |
| NW - 101 | New wall | New high wall from FFL to soffit |
| NE - S18 | New Equipment | 2.5 door urban fridge with 3 tier hot pass - top tiers heated |
| NE - S19 | New Equipment | Com 62 10 pan combi steamer comes with water filter |
| NE - S20 | New Equipment | R-g6 6 open burner gas range |
| NE - S21 | New Equipment | 6 burner char grill |
| NE - S22 | New Equipment | Sg 1 electric salamander |
| NE - S23 | New Equipment | R- g6 8 open burner gas range with over |
| NE - S24 | New Equipment | Dpf 2/20 double 20 litre deep fryer |
| NC - 100 | New suspended Ceiling | Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint. Fire Performance Class A: ASTM E84 and CANULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled) ASTM E1204 Classification Type IV, Form 2, Pattern E. Fire Class A. Humidity/Sap Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications. Treated with a antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface. |

PREP AREA
K3-107
22 m²
Polyurethane screed

PREP AREA
Polyurethane screed



| No. | DATE | AMENDMENT | D.P.W |
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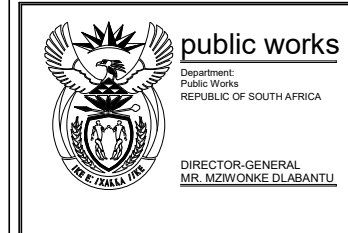
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date: _____
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date: _____
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DPM PARLIAMENTARY KITCHENS - WC_015 DPM PARLIAMENTARY
KITCHENS\A1 Design Concept\A1 200 Sketch Design\A1
2002_05_21\WC015 - 505 - Marks Kitchen.dwg



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51 Alice street Goodwood, 7460
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Tel: +27 21 595 3211 | Fax: +27 21 86 595 4423
Discipline: **ARCHITECTURE**
Service:

**PARLIAMENTARY PRECINCT:
VARIOUS KITCHENS:
REPLACEMENT OF
REDUNDANT KITCHEN
EQUIPMENT INCLUDING
CONSTRUCTION WORK.**

WCS number: **05496**

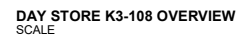
Drawing
MARKS KITCHEN
COOKING AREA K3-106
Ref.no: _____ Design: _____ Designer: _____
Scal: As indicated Draw: _____ Author: _____
Dat: 05/27/22 Check: _____ Checker: _____
Drawing: _____ Current: _____

WC015 - 505



| KEY PLAN LEGEND K3 -107 | | |
|-------------------------|-----------------------|---|
| NEW ALTERATIONS | | |
| KEY | LEGEND | DESCRIPTION |
| WF - 102 | Wall Finish | 100mm x 200mm Ceramic wall tiles with epoxy grout to ZM underside of ceiling - colour as per approved sample |
| NF- CG1 | Corner guards | Natural aluminium 1600x20x20mm arcanasas |
| NW- 101 | New wall | New high wall from FFL to soffit |
| NE -508 | New Equipment | S/S wash hand basin |
| NE -518 | New Equipment | 2.5 door ubar/fridge with 3 ber hot pass - top tiers heated |
| NE -525 | New Equipment | Cm 102 20 pan combi steamer combor comes with water filter |
| NE -526 | New Equipment | Cmf62 12 pan combi steamer comes with water filter |
| NE -527 | New Equipment | Potato Peeler |
| NE -528 | New Equipment | 20 litre Planetary mixer |
| NC - 100 | New suspended Ceiling | <p>20 ft curved mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint Fire Spread Index Class A, ASTM E84 and CANULC S102 surface burning characteristics, Flame Spread Index of 25 or less, Smoke Developed Index of 50 or less (UL labeled), ASTM E1264 Classification Type IV, Form 2, Part IV; Fire Class A, Humidity/Sac Resistance HumiGuard Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.</p> <p>Treated with a antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface</p> |

[illegible]



507 - DAY STORE K3-108
SCALE 1:25

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Architect

name: _____

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signature : _____



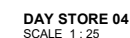
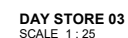
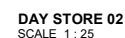
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DIRECTOR-GENERAL
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PARLIAMENTARY PRECINCT:
VARIOUS KITCHENS:
REPLACEMENT OF
REDUNDANT KITCHEN
EQUIPMENT INCLUDING
CONSTRUCTION WORK.

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| WCS number | | 05496 | |
| Drawing | | | |
| MARKS KITCHEN | | | |
| DAY STORE K3-108 | | | |
| Ref.no | | Design | Designer |
| Scal | 1 : 25 | Draw | Author |
| Dat | | Checke | Checker |
| Drawing | | Current | |
| WC015 - 507 | | | |





| KEY PLAN LEGEND K3 -110 | | |
|-------------------------|-----------------------|--|
| NEW ALTERATIONS | | |
| KEY LEGEND | DESCRIPTION | SPECIFICATION |
| WF - 102 | Wall Finish | 100mm x 200mm Ceramic wall tiles with epoxy grout to 3M standard of ceiling - colour as per approved sample |
| NE - S28 | New Equipment | s/s 2 tier wall shelving |
| NE - S29 | New Equipment | kylism metal tenderiser |
| NE - S30 | New Equipment | s/s table sbr with galv undershelf |
| NE - S31 | New Equipment | diamond saw |
| NE - S32 | New Equipment | minicer |
| NE - S33 | New Equipment | s/s mobile table with galv undershelf |
| NE - S34 | New Equipment | butchers block |
| NC - 100 | New suspended Ceiling | Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint. Fire Performance Class A. ASTM E84 and CANULC S 102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled) ASTM E 1194 Classification Type IV, (Form 2, Pattern E, Fire Class A, Humidity/Sel Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications. Treated with a antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface |



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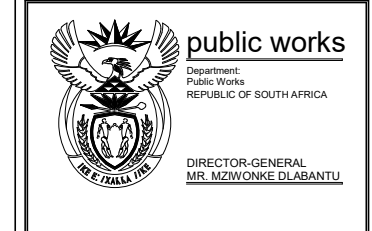
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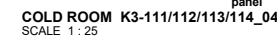
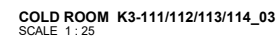
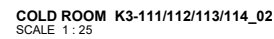
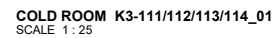
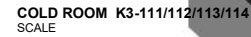
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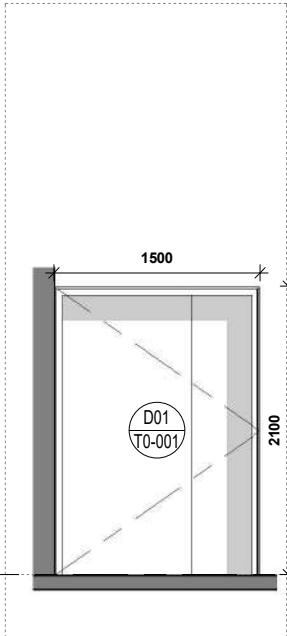
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| Service | | | |
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| WCS number | 05496 | | |
| Drawing | | | |
| MARKS KITCHEN | | | |
| BULK MEAT PREP K3-110 | | | |
| Ref.no | Designer | Designer | |
| Scale | 1 : 25 | Draw | Author |
| Date | 05/27/22 | Checke | Checker |
| Drawing | Current | | |
| WC015 - 509 | | | |



| NEW ALTERATIONS | | |
|-----------------|----------------|---|
| KEY LEGEND | DESCRIPTION | SPECIFICATION |
| WF - 101 | Wall Finish | 0.5mm chromadek, frost white galvanizing grade Z200 |
| C0 - 001 | Cold room door | As per specialist spec |

WC015 - 510

DOOR SCHEDULE



D02
SCALE 1:25

QUANTITY:1

QUANTITY:1

FRAME CONSTRUCTION:

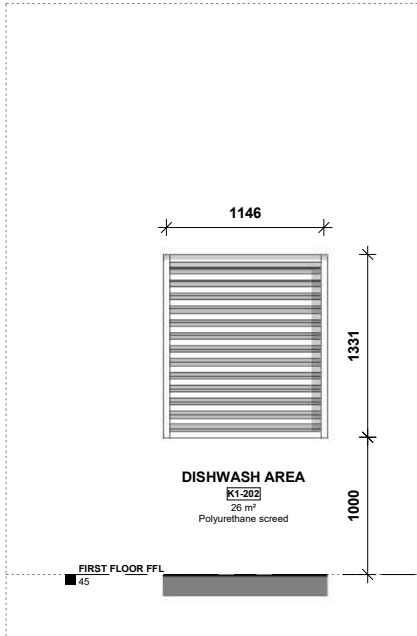
FRAME FINISH:
Shop applied WHITE primer. Prepare and apply 1 coat universal undercoat and 2 coats super enamel. Colour - WHITE. Applied to manufacturers specifications.

DOOR FINISH:
Prepare and apply 1 coat alkyd base WHITE undercoat and 2 coats Plascon eggshell WHITE topcoats. Applied to manufacturers specifications.

- Pair of DORMA Square DSQ901 satin finish solid stainless steel spring loaded lever handles with two DSQ001 keyhole escutcheon and DORMA D034S multi-lever sash lock with lock case, stainless steel forend.

- DORMA DDS-SS-017 stainless steel door stop.

WINDOW SCHEDULE



SURFACE FINISH:

WIND LOAD :
1500 Pascal's (1.5Kpa)

QUANTITY:1

[illegible]

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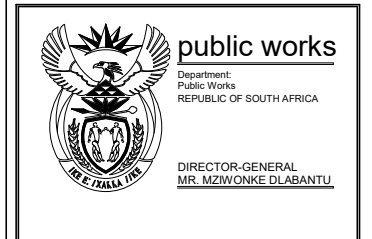
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EQUIPMENT INCLUDING
CONSTRUCTION WORK.

WCS number 05496

Drawing

90 PLEIN KITCHEN PLAN

DOOR & WINDOW SCHEDULE

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| Ref.no | Designe | Designer |
| Scal 1 : 25 | Draw | Author |
| Dat 09/08/15 | Checke | Checker |
| Drawing | Current | |

WC015 - 700

DISHWASH
K3-105
 18 m²
 Polyurethane screed

COOKING AREA
K3-106
 74 m²
 Polyurethane screed

DAY STORE
K3-108
 7 m²
 Polyurethane screed

BULK DRY STORE
K3-109
 13 m²
 Polyurethane screed

Technical drawing of a door frame. The drawing shows a rectangular frame with a central opening. The width of the frame is indicated as 900, and the height is indicated as 2100. A circular symbol with the text 'DIN EN 12207' is located in the center of the opening. The frame is shown in a perspective view, with dashed lines indicating the internal structure and the door's position. The drawing is labeled '900' and '2100' with dimension lines.

| | | | |
|---|---|---|---|
| W01-DISHWASH SCALE 1 : 25 | W02-COOKING AREA SCALE 1 : 25 | W03-DAY STORE SCALE 1 : 25 | W04-BULK DRY STORE SCALE 1 : 25 |
| QUANTITY:1 | QUANTITY:2 | QUANTITY:1 | QUANTITY:1 |
| DESCRIPTION: Wispeco Top-hung Casement window - 687mm Wide X 1337mm High with 6.38mm Clear Laminated Safety Glass & Standard Ironmongery | DESCRIPTION: Wispeco Top-hung Casement window - 1300mm Wide X 2606mm High with 6.38mm Clear Laminated Safety Glass & Standard Ironmongery | DESCRIPTION: Wispeco Top-hung Casement window - 981mm Wide X 2596mm High with 6.38mm Clear Laminated Safety Glass & Standard Ironmongery with Louvre Insert into Bottom Panel | DESCRIPTION: Wispeco Top-hung Casement window - 1935mm Wide X 2596mm High with 6.38mm Clear Laminated Safety Glass & Standard Ironmongery with Louvre Insert into Bottom Panel |
| GLASS: Single Glazed Glass: 6.38mm Clear Laminated Safety Glass (Throughout) Installed as specified in the tender documents with thicknesses in accordance with SANS 10400 Part N & SANS 10137. | GLASS: Single Glazed Glass: 6.38mm Clear Laminated Safety Glass (Throughout) Installed as specified in the tender documents with thicknesses in accordance with SANS 10400 Part N & SANS 10137. | GLASS: Single Glazed Glass: 6.38mm Clear Laminated Safety Glass (Throughout) Installed as specified in the tender documents with thicknesses in accordance with SANS 10400 Part N & SANS 10137. | GLASS: Single Glazed Glass: 6.38mm Clear Laminated Safety Glass (Throughout) Installed as specified in the tender documents with thicknesses in accordance with SANS 10400 Part N & SANS 10137. |
| IRONMONGERY: New Casement Windows come fitted with standard window ironmongery applicable to the system, inclusive of handles, top hung open out stays. | IRONMONGERY: New Casement Windows come fitted with standard window ironmongery applicable to the system, inclusive of handles, top hung open out stays. | IRONMONGERY: New Casement Windows come fitted with standard window ironmongery applicable to the system, inclusive of handles, top hung open out stays. | IRONMONGERY: New Casement Windows come fitted with standard window ironmongery applicable to the system, inclusive of handles, top hung open out stays. |
| SURFACE FINISH: ANP1052 White Powder Coating | SURFACE FINISH: ANP1052 White Powder Coating | SURFACE FINISH: ANP1052 White Powder Coating | SURFACE FINISH: ANP1052 White Powder Coating |
| WIND LOAD : 1500 Pascal's (1.5Kpa) | WIND LOAD : 1500 Pascal's (1.5Kpa) | WIND LOAD : 1500 Pascal's (1.5Kpa) | WIND LOAD : 1500 Pascal's (1.5Kpa) |

DOOR SCALE 1 : 25

QUANTITY: 2

DOOR SIZE:
H - 2100mm, W - 900mm, -SINGLE DOOR

FRAME CONSTRUCTION:
1.2mm thick solid steel single rebated door frame to suit door size, wall thickness.

FRAME FINISH:
Shop applied WHITE primer. Prepare and apply 1 coat universal undercoat and 2 coats super enamel. Colour - WHITE. Applied to manufacturers specifications.

DOOR CONSTRUCTION:
44mm Thick Solid Core flush panel single door with concealed hardwood edges all round, with 3.2mm timber veneer (wood type) covering to both sides.

DOOR FINISH:
Prepare and apply 1 coat alkylid base WHITE undercoat and 2 coats Plascon eggshell WHITE topcoats. Applied to manufacturers specifications.

IRONMONGERY:

- Pair of DORMA DBB-SS-009 stainless steel standard butt hinges size 102 x 75 x 3mm.
- Pair of DORMA Square DSQ000 satin finish solid stainless steel spring loaded lever handles with two DSQ001 keyhole escutcheon and DORMA D034S multi-lever sash lock with lock case, stainless steel forend.
- Two DSQ001 keyhole escutcheon.
- DORMA D034S multi-lever sash lock with lock case.
- DORMA DDSS-SS-017 stainless steel door stop.

| No. | DATE | AMENDMENT | D.P.W |
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Project Manager

name: _____

date: _____

signature : _____

Architect

name: _____

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public works

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PARLIAMENTARY PRECINCT: VARIOUS KITCHENS: REPLACEMENT OF REDUNDANT KITCHEN EQUIPMENT INCLUDING CONSTRUCTION WORK.

WCS number
05496

Drawing
MARKS KITCHEN

DOOR & WINDOW SCHEDULE

| Ref.no | Designe | Designer |
|---------------------|---------|----------|
| Scale 1 : 25 | Draw | Author |
| Date 09/08/15 | Checke | Checker |
| Drawing | Current | |

WC015 - 700

FROM UTILITY

4C
150 SWA Cu
120 ICEW

300A
TP
15KA
MAIN BREAKER

R W B

FUSE

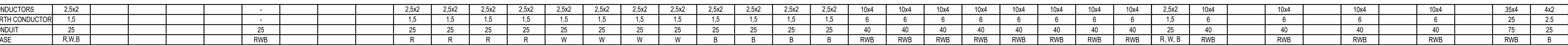
300A/5A

FUSE

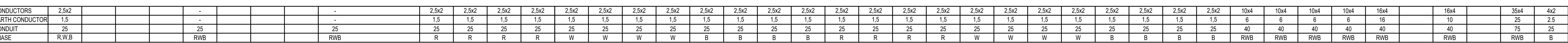
CT's 3 OFF

POWER METER

SDB-KIT

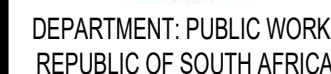


The diagram illustrates a 3-phase 4-wire system. At the top, a cable labeled '4C' is connected to 'FROM UTILITY'. This cable passes through a '150A TP' (Thermal Protection) main breaker and a '10kA' fuse. The system is labeled 'MDB-KIT'. The output is a 3-phase 4-wire system with phases 'R', 'W', and 'B', and a neutral line. The neutral line is connected to a 'FUSE' and a '150A/5A' CT (Current Transformer) with '3 OFF' (3 turns off) configuration. The power meter is connected to the 3-phase lines and the neutral line.



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- 3) ALL DIMENSIONS AND LEVELS GIVEN MUST BE CHECKED BEFORE COMMENCING ANY WORK. ANY DISCREPANCIES MUST BE REPORTED TO THE ENGINEER WITHOUT DELAY.
- 4) THIS DRAWING IS ONLY FOR THE ELECTRICAL INSTALLATION PURPOSES.
- 5) REFER TO THE LEGEND FOR DETAILS OF ELECTRICAL EQUIPMENT.
- 6) ALL ELECTRICAL INSTALLATIONS SHALL COMPLY WITH THE LATEST SANS SPECIFICATIONS.
- 7) THE SITE ENGINEER MUST ENSURE THAT WORK IS DONE FROM THE LATEST REVISION OF DRAWINGS.
- 8) ALL HEIGHTS ARE GIVEN ABOVE FINAL FLOOR LEVEL.
- 9) ALL MECHANICAL POINTS TO BE CONFIRMED BY THE MECHANICAL CONTRACTOR ON SITE.
- 10) THERE MUST BE A PHYSICAL BARRIER BETWEEN NORMAL & UPS SECTION.
- 11) FACEPLATE OF NORMAL SECTION MUST BE WHITE & THE FACEPLATE OF THE UPS SECTION MUST BE RED.
- 12) ALL DISTRIBUTION BOARDS TO HAVE 30% SPARE CAPACITY FOR FUTURE ADDITIONS.
- 13) THE DESIGN ON THE DRAWING IS COPYRIGHT PROTECTED & REMAINS THE PROPERTY OF THE ENGINEER.

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discipline

ELECTRICAL ENGINEERING

diens/servicio

CAPE TOWN PARLIAMENTARY PRECINCT
COMPLEX : REFURBISHMENT OF VARIOUS
KITCHENS

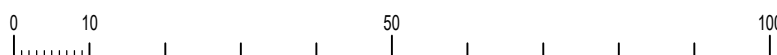
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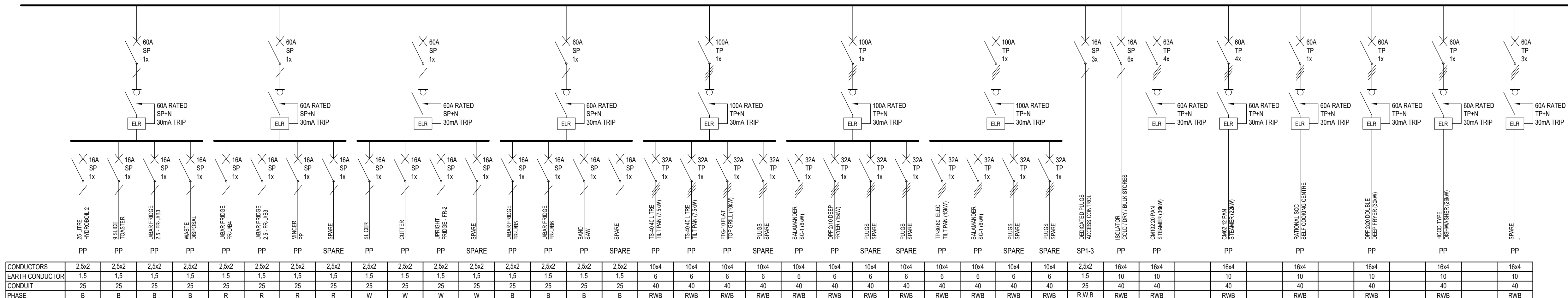
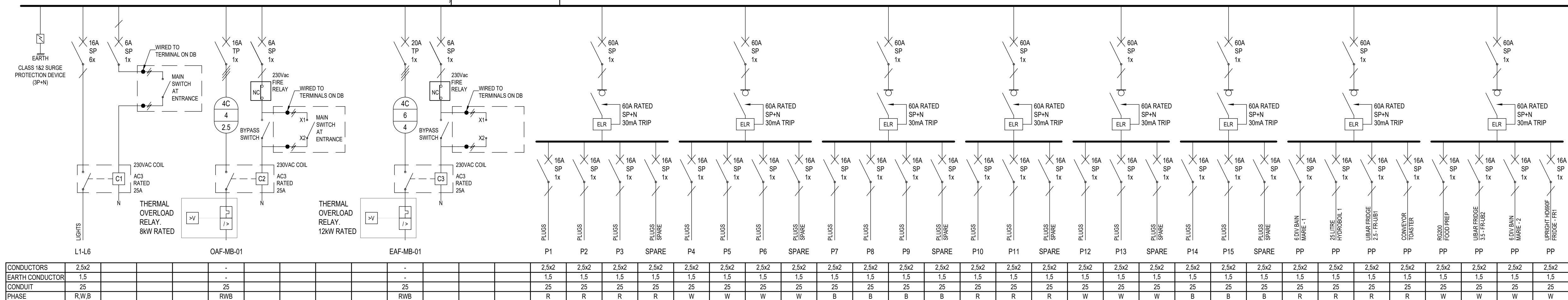
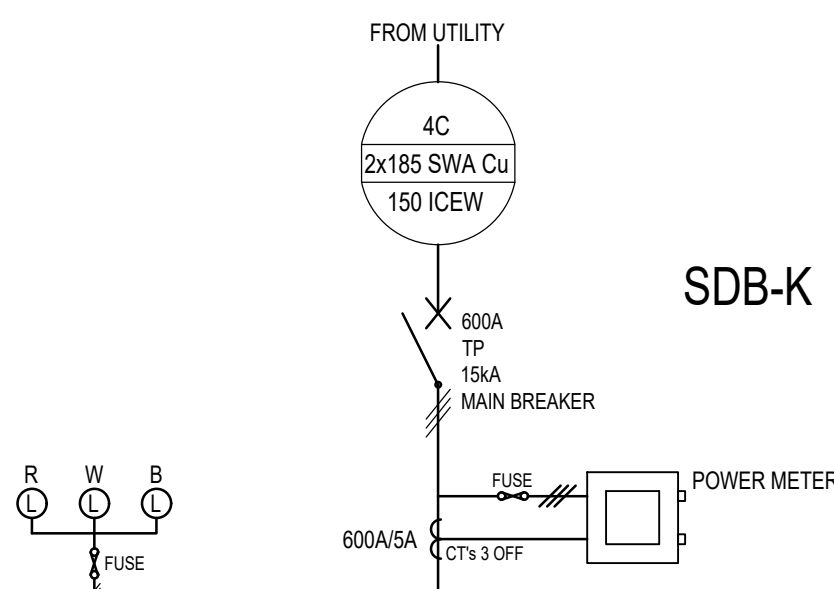
90 PLEIN KITCHEN:
SINGLE LINE DIAGRAMS:
MDB-KITCHEN & SDB-KITCHEN 1

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33547.00/312-02 REV TO



SDB-K



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- 4) THIS DRAWING IS ONLY FOR THE ELECTRICAL INSTALLATION PURPOSES.
- 5) REFER TO THE LEGEND FOR DETAILS OF ELECTRICAL EQUIPMENT.
- 6) ALL ELECTRICAL INSTALLATIONS SHALL COMPLY WITH THE LATEST SANS SPECIFICATIONS.
- 7) THE SITE ENGINEER MUST ENSURE THAT WORK IS DONE FROM THE LATEST REVISION OF DRAWINGS.
- 8) ALL HEIGHTS ARE GIVEN ABOVE FINAL FLOOR LEVEL.
- 9) AC MECHANICAL POINTS TO BE CONFIRMED BY THE MECHANICAL CONTRACTOR ON SITE.
- 10) THERE MUST BE A PHYSICAL BARRIER BETWEEN NORMAL & UPS SECTION.
- 11) FACEPLATE OF NORMAL SECTION MUST BE WHITE & THE FACEPLATE OF THE UPS SECTION MUST BE RED.
- 12) ALL DISTRIBUTION BOARDS TO HAVE 30% SPARE CAPACITY FOR FUTURE ADDITIONS.
- 13) THE DESIGN ON THE DRAWING IS COPYRIGHT PROTECTED & REMAINS THE PROPERTY OF THE ENGINEER.

[illegible]

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Pretoria
0001
Tel (012) 337 2000

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Director: Projects:

DEPARTMENT: PUBLIC WORKS
REPUBLIC OF SOUTH AFRICA

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| APPROVED BY BVI | | |
| ENGINEER/TECHNOLOGIST | 20080282 REG. NO. | 20/06/2022 DATE |

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• ENGINEERING • PROCUREMENT • MANAGEMENT

Registration no. 1998/00015T/C0

ELECTRICAL ENGINEERING

diens/service

CAPE TOWN PARLIAMENTARY PRECINCT
COMPLEX : REFURBISHMENT OF VARIOUS
KITCHENS

WCS number

WCS 054967

tekeningopskrif/drawing title

MARKS KITCHEN:
SINGLE LINE DIAGRAMS
SDB-K

very, p

ref.no

skaal

datum

date

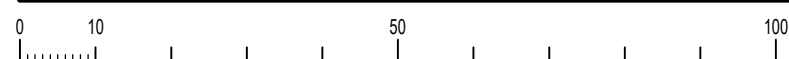
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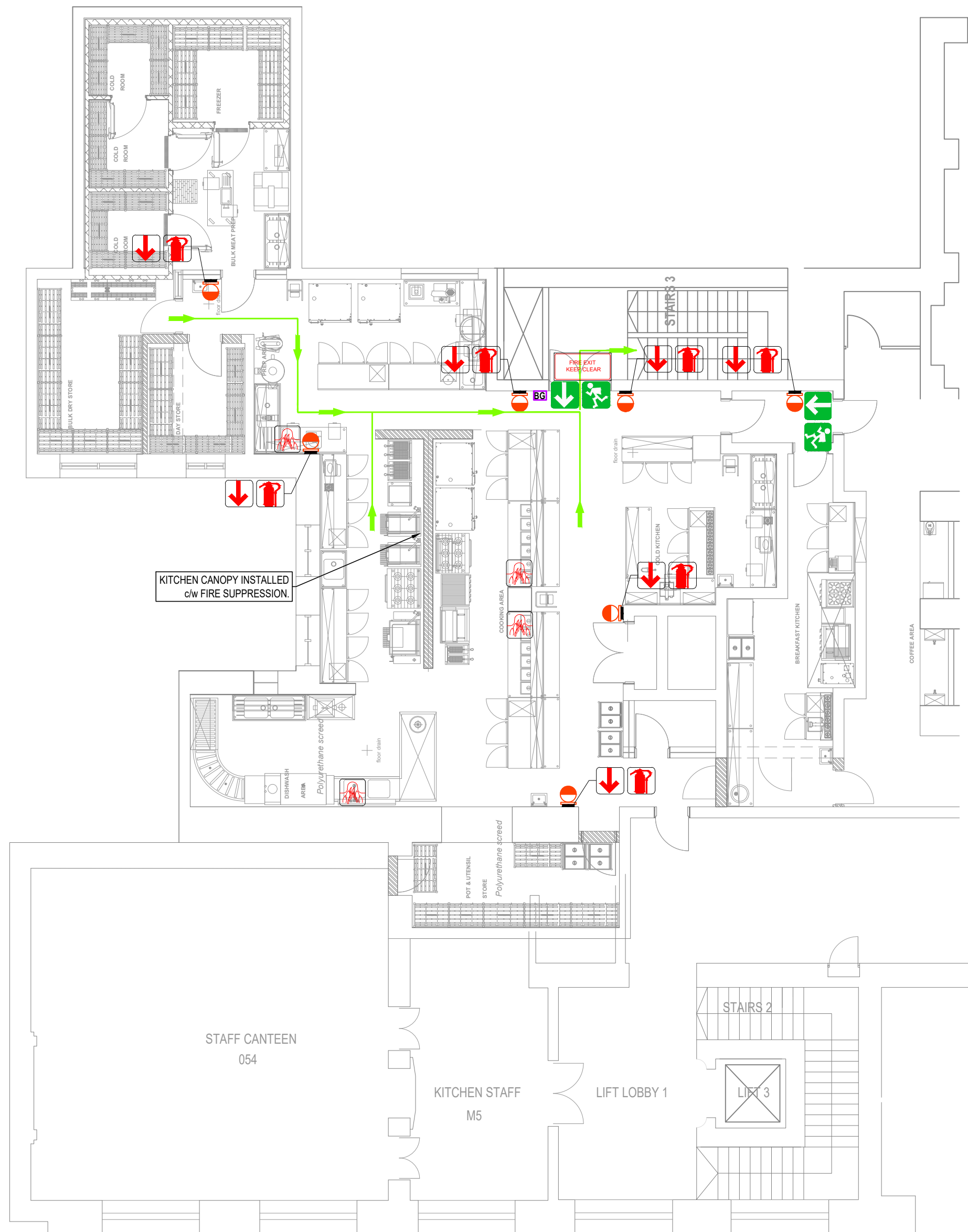
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drawing number

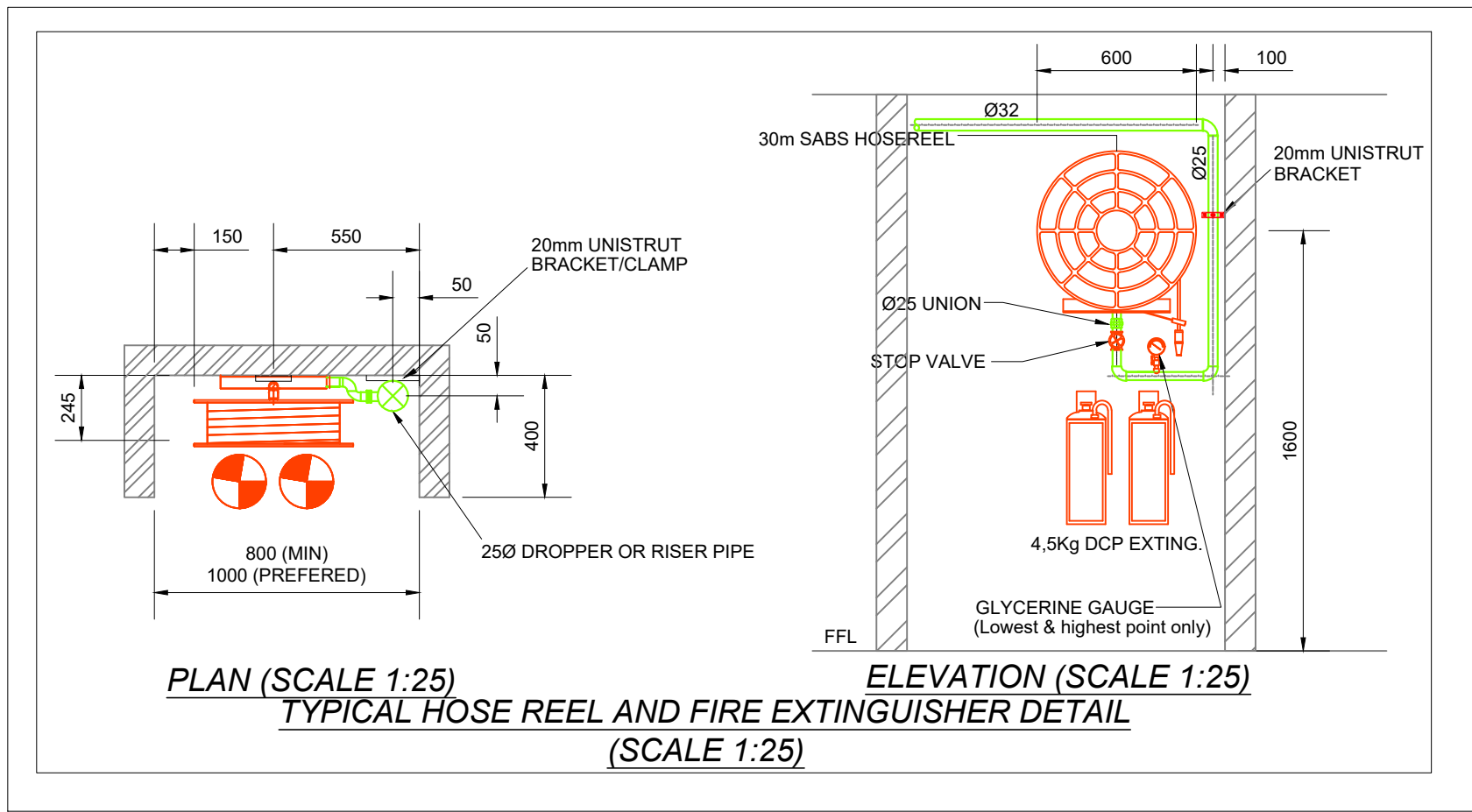
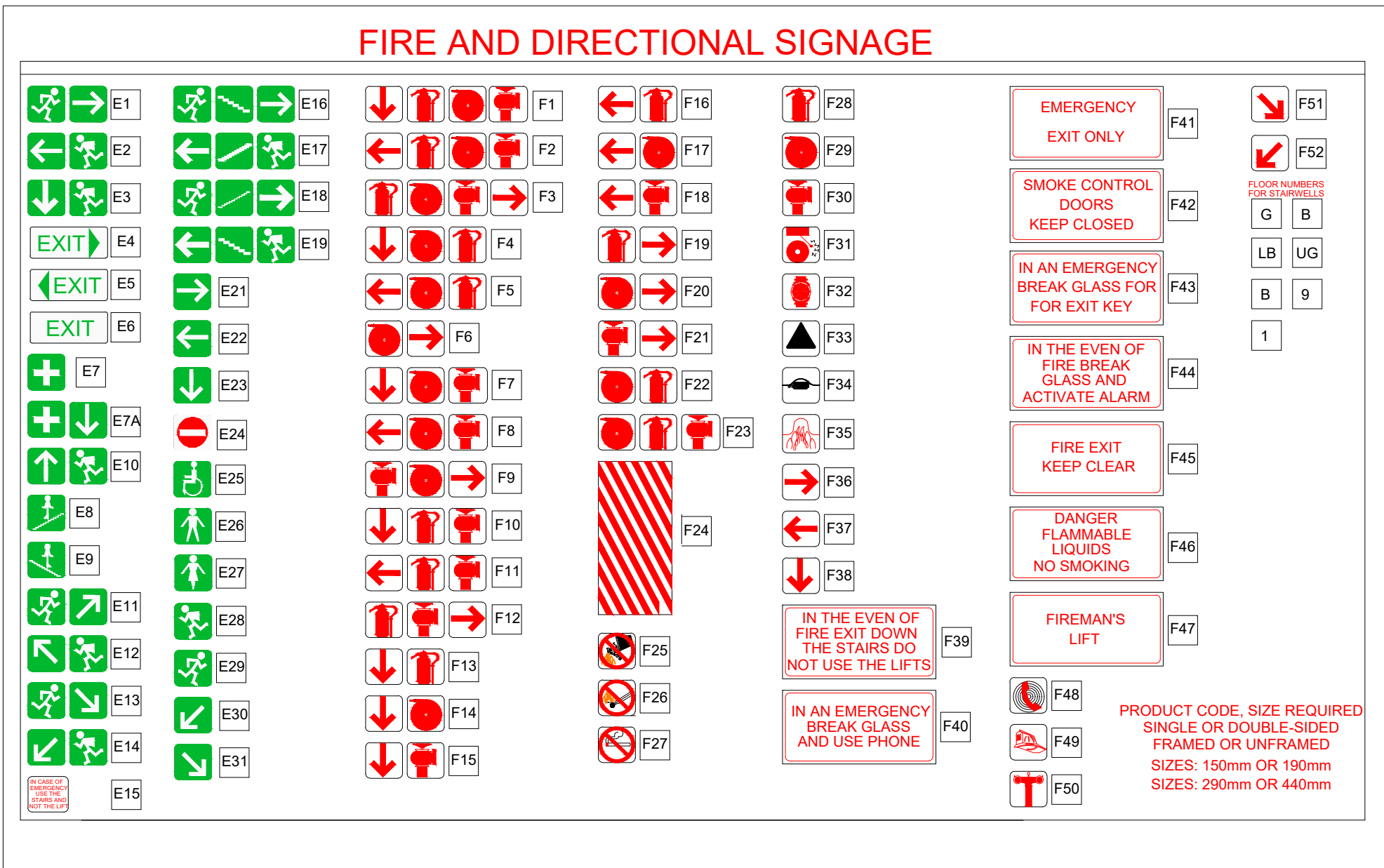
33547.00/312-03 REV T0

FOR TENDER





GROUND FLOOR
SCALE 1:100



- FIRE NOTES:**
1. STRUCTURAL STABILITY AS PER SANS 10400: PART-T 30min.
 2. FIRE EXTINGUISHERS, FIRE HOSE REELS AND FIRE HYDRANTS TO SANS 10400-T. PRESSURE GAUGES TO BE INSTALLED AT EACH FIRE HOSE REEL.
 3. ALL SIGNS SHALL CONFORM TO SANS 1186. ALL SIGNS TO BE PHOTO-LUMINESCENT TYPE, 290x290mm. EXCEPT FOR EXIT SIGNS THAT SHALL BE INTERNALLY ILLUMINATED. ILLUMINATED EXIT SIGNS TO BE GREEN LETTERS ON WHITE BACKGROUND AND MUST BE ON EMERGENCY POWER OR BATTERY PACK.
 4. ALL SIGNAGE TO BE MECHANICALLY FIXED. HANGING SIGNAGE TO BE SUSPENDED FROM SOLID ROD/ BRACKETS AND NOT CHAINS/ CABLES.
 5. NO SMOKE VENTILATION IS REQUIRED DIVISION AREAS ARE COMPARTMENTALIZED TO AREAS LESS THAN 500m².
 6. TRAVEL DISTANCE DO NOT EXCEED 45m NO EMERGENCY ROUTES REQUIRED.
 7. ANY OPENING IN ANY EXTERNAL WALL OF ANY DIVISION MUST BE EQUAL OR GREATER 1000mm APART.
 8. DOORS ON ACCESS CONTROL TO CLOSE/RELEASE ON FIRE DETECTION SIGNAL.
 9. ALL ESCAPE DOORS IN ESCAPE ROUTE TO SWING IN DIRECTION OF TRAVEL.
 10. ALL PENETRATIONS AND OPENINGS IN WALLS INDICATED AS FIRE WALLS AS PER THE FIRE PLAN DRAWINGS ARE TO BE CLOSED UP AND AND FIRE SEALED TO THE SAME RATING REQUIRED FOR THE SAID WALLS. USING SABS APPROVED PRODUCTS.

| SYMBOL LEGEND | |
|---------------|--|
| SYMBOL | DESCRIPTION |
| | 30m PVC FIRE HOSE REEL |
| | 65mm RIGHT-ANGLE FIRE HYDRANT |
| | BOOSTER CONNECTION |
| | BREAK GLASS UNIT |
| | HYDRANT MAIN SUPPLY (Ø80 - 100) |
| | FIRE HOSE REEL SUPPLY (Ø25 - 50) |
| | 30 MINUTE FIRE RATED WALL |
| | 60 MINUTE FIRE RATED WALL |
| | 120 MINUTE FIRE RATED WALL |
| | CLASS A 60min SELF CLOSING FIRE DOOR |
| | CLASS B 120min SELF CLOSING FIRE DOOR |
| | CLASS F 30min SELF CLOSING FIRE DOOR |
| | 2 HOUR FIRE RATED LIFT DOOR WITH SMOKE SEAL BETWEEN LEAVES |
| | DIRECTIONAL ARROW |
| | 9Kg DCP FIRE EXTINGUISHER |
| | 4.5Kg DCP FIRE EXTINGUISHER |
| | 5kg CO² FIRE EXTINGUISHER |

| FOR TENDER | | |
|------------------------------|-----------------------------------|------|
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| 0,1,2,... : AFTER TENDER | / C : BY MECHANICAL OR ELECTRICAL | |
| Z : AS BUILT | / D : BY BVI | |
| | / E : BY OTHER () | |

| DATE | INITIAL | No./CODE | REVISION DESCRIPTION |
|------------|---------|----------|---------------------------|
| 09/06/2022 | N.M | T0/D | DRAWING ISSUED FOR TENDER |
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| Free State | Blomfontein | (051) 442-2107 | pa@bvi.co.za |
| | Worcester | (023) 303-4460 | pa@bvi.co.za |
| Northern Cape | Upington | (056) 307-4800 | pa@bvi.co.za |
| | Springbok | (027) 710-8860 | pa@bvi.co.za |
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Registration no. 166620015707



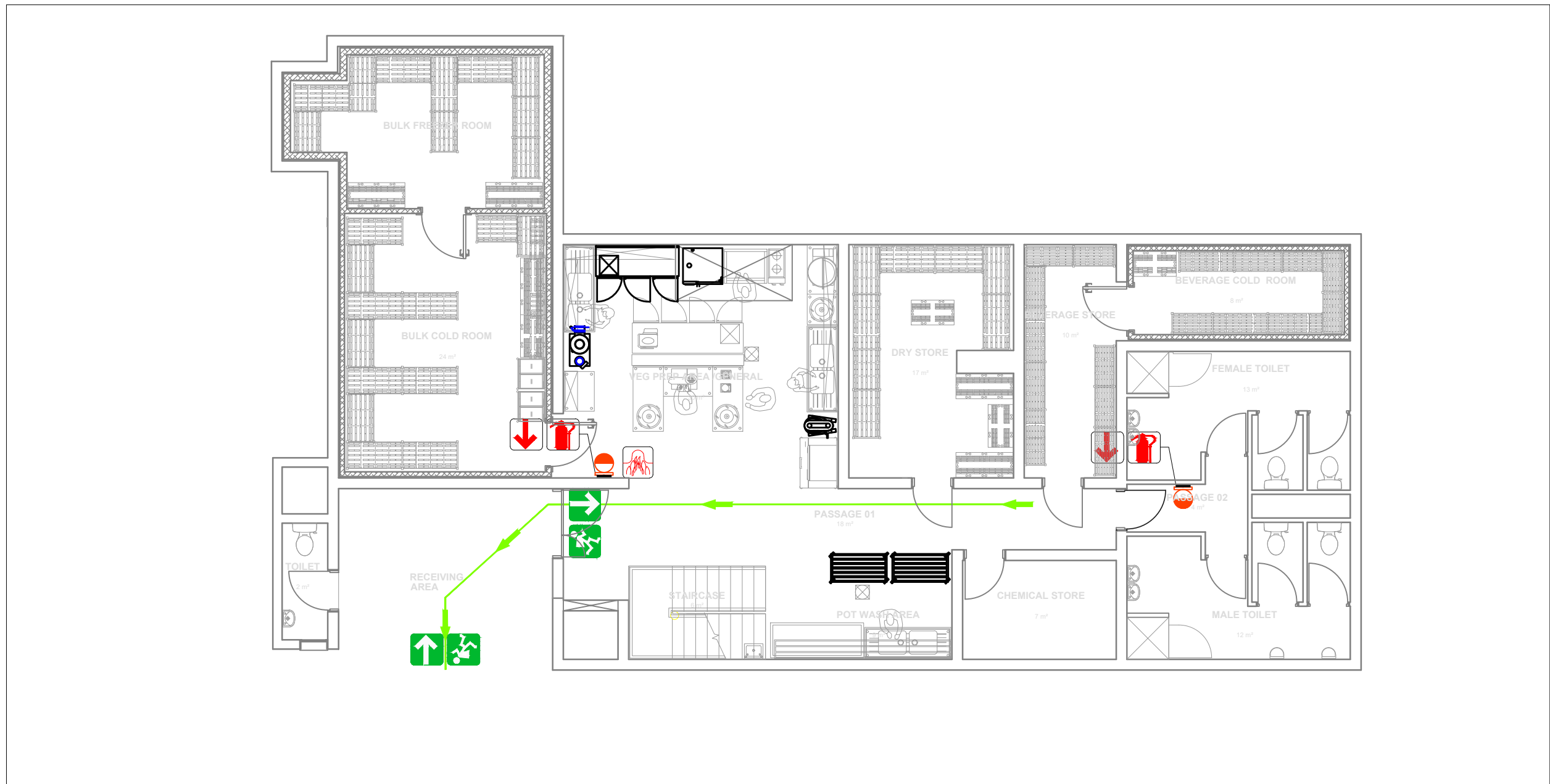
PROJECT
**PARLIAMENT PRECINCT
KITCHEN
REPLACEMENT OF EQUIPMENT**

DRAWING TITLE

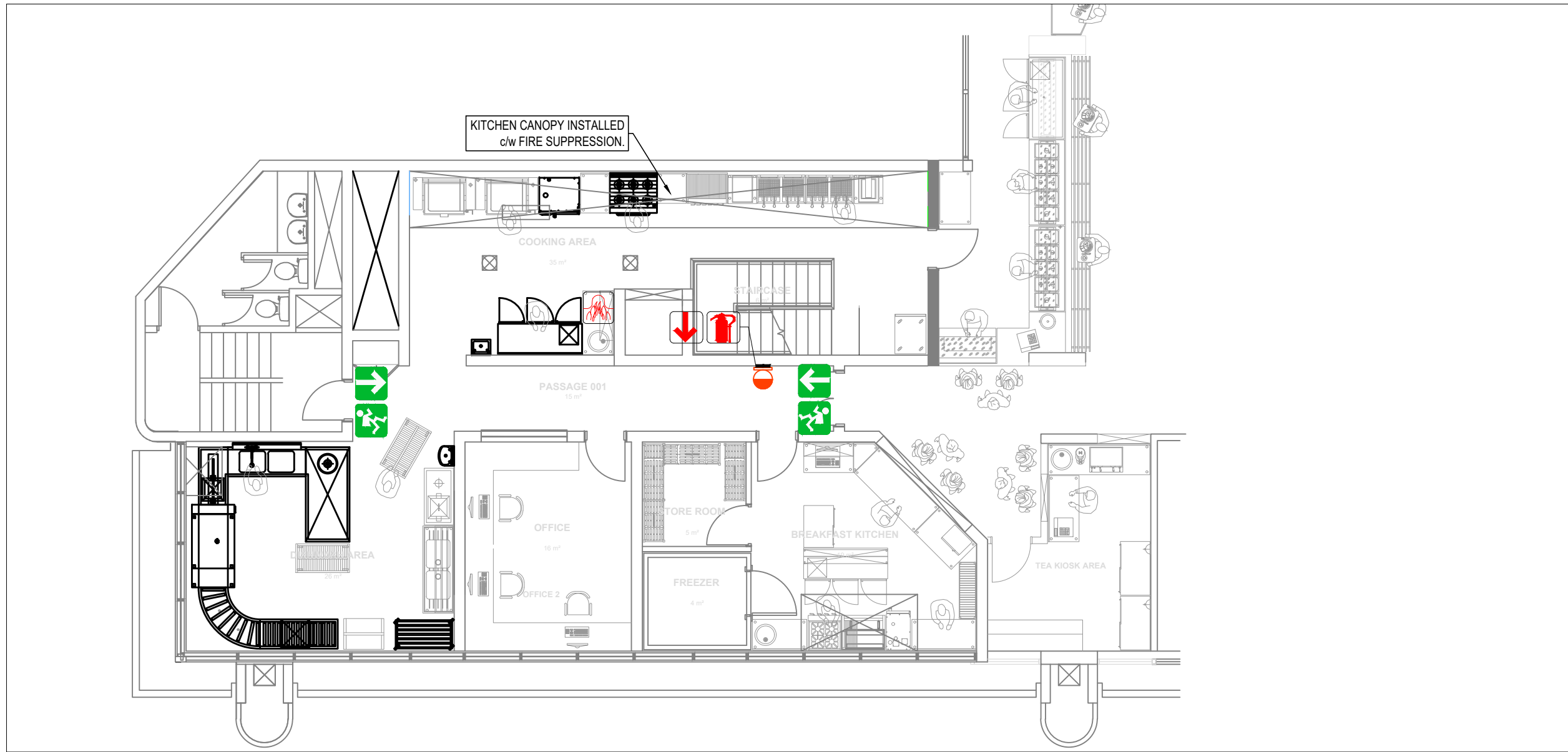
**MARKS BUILDING
GROUND FLOOR
FIRE PROTECTION LAYOUT**

| APPROVED BY BVI | | |
|-----------------------|---------------|-------------|
| ENGINEER/TECHNOLOGIST | 200970062 | 24/05/2022 |
| SCALE | AS SHOWN @ A1 | DRAWN N.M |
| DESIGNED | N.M | CHECKED A.M |
| PLAN NUMBER | REVISION NO. | DATE SAVED |
| 33547.01-720-01 | T0 | 24 May 2022 |

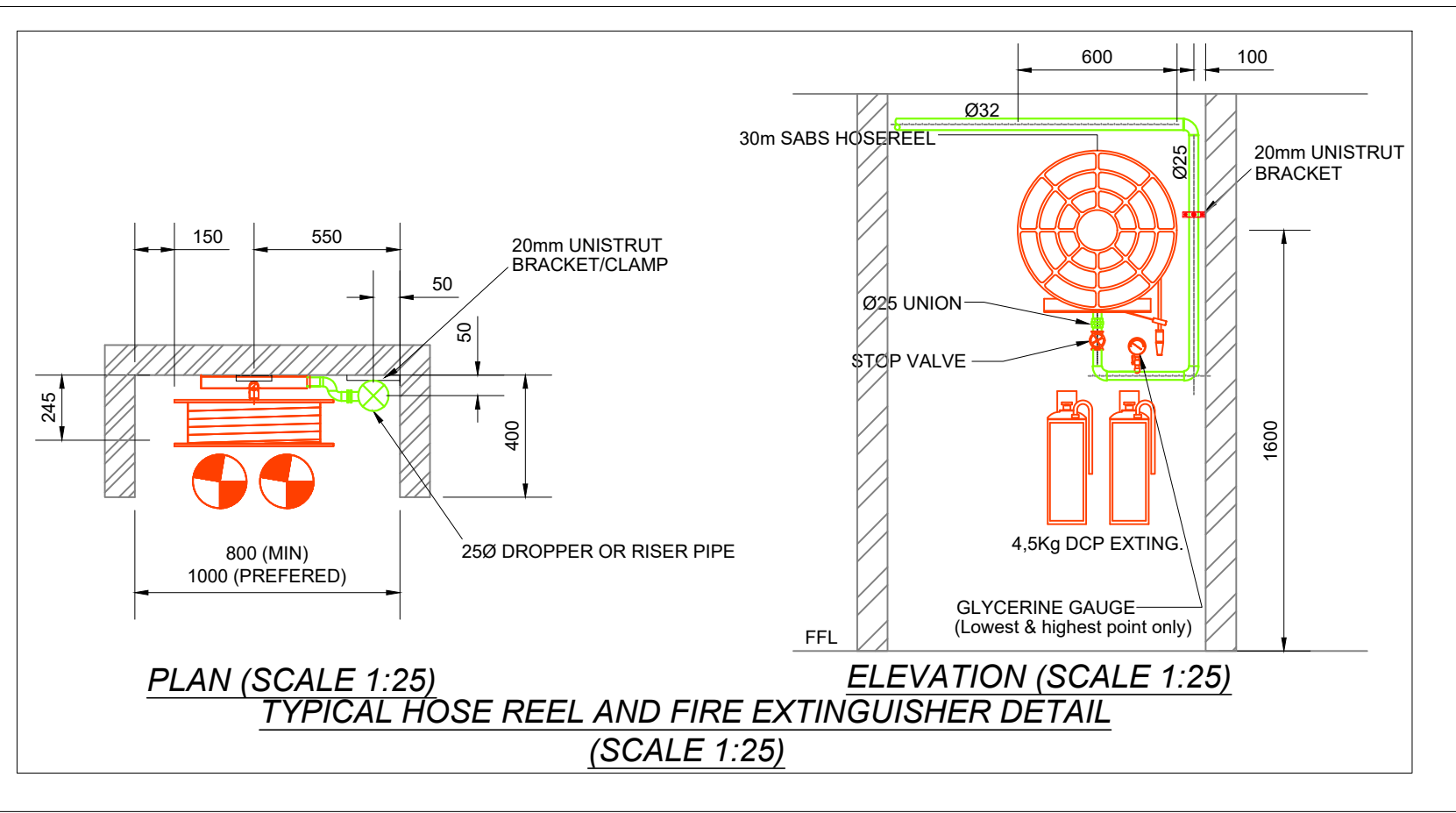
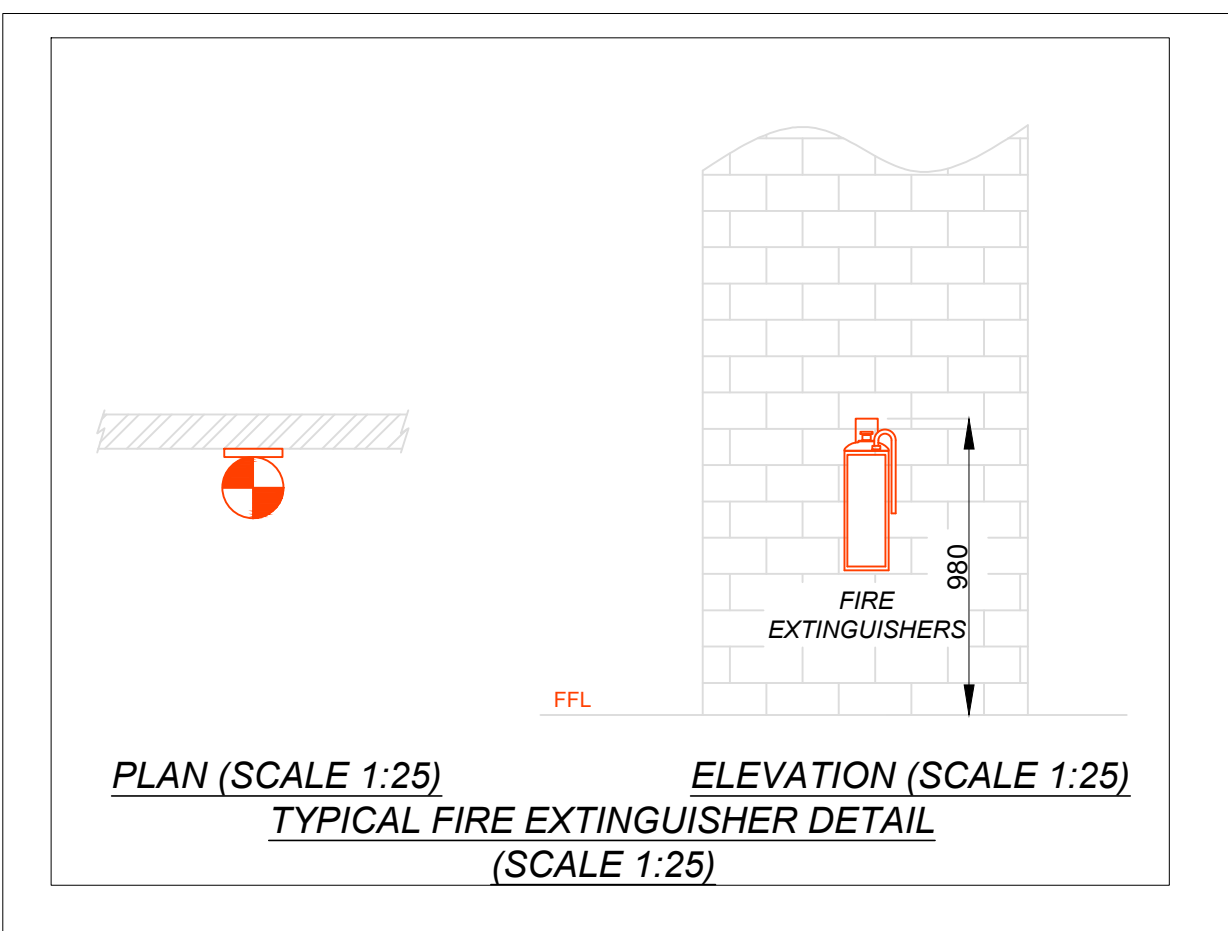
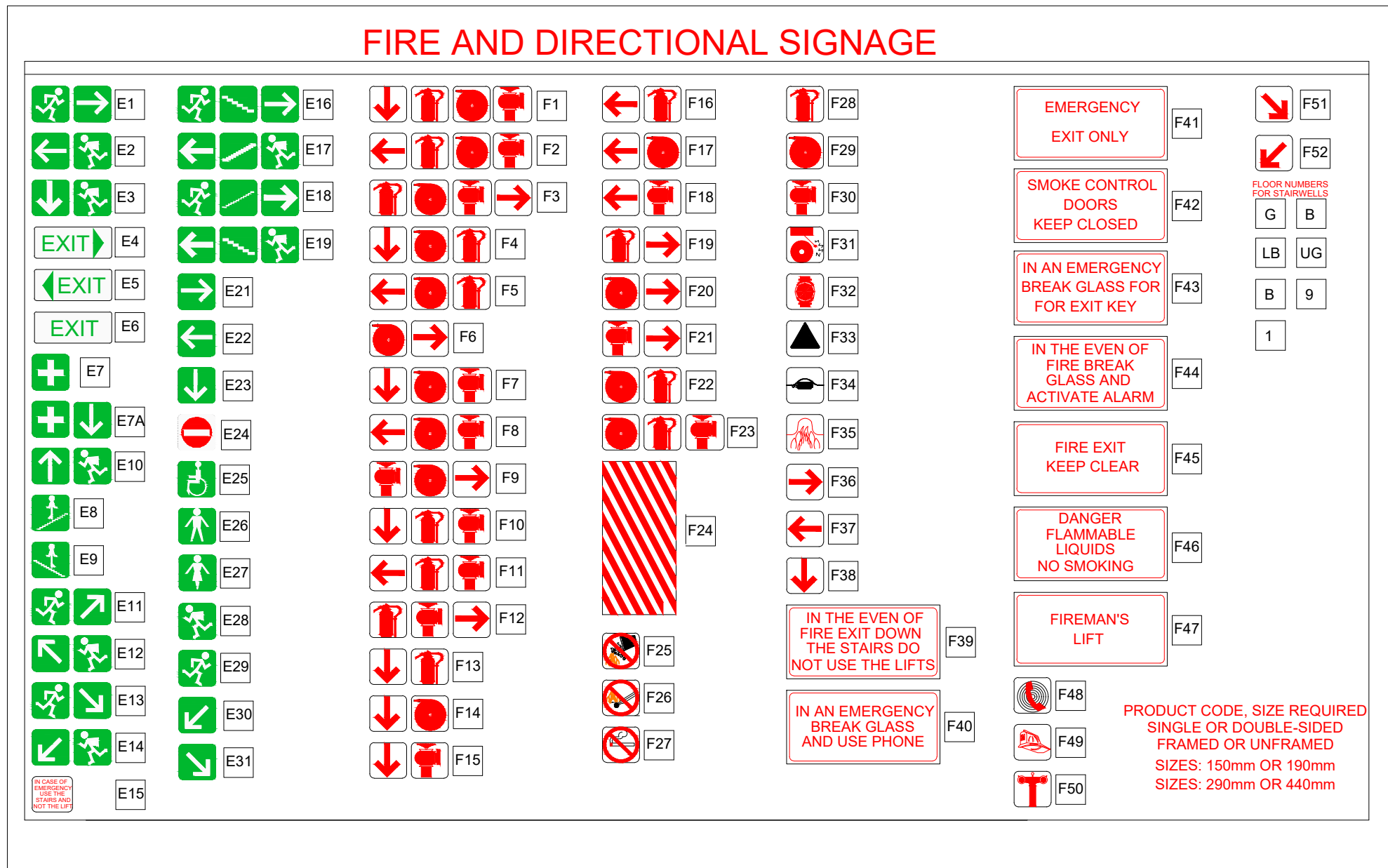
- KEY PLAN -



GROUND FLOOR
SCALE 1:100



FIRST FLOOR
SCALE 1:100



| FIRE NOTES: | |
|-------------|---|
| 1. | STRUCTURAL STABILITY AS PER SANS 10400: PART-T 30min. |
| 2. | FIRE EXTINGUISHERS, FIRE HOSE REELS AND FIRE HYDRANTS TO SANS 10400-T. PRESSURE GAUGES TO BE INSTALLED AT EACH FIRE HOSE REEL. |
| 3. | ALL SIGNS SHALL CONFORM TO SANS 1186. ALL SIGNS TO BE PHOTO-LUMINESCENT TYPE, 250x250mm. EXCEPT FOR EXIT SIGNS THAT SHALL BE INTERNALLY ILLUMINATED. ILLUMINATED EXIT SIGNS TO BE GREEN LETTERS ON WHITE BACKGROUND AND MUST BE ON EMERGENCY POWER OR BATTERY PACK. |
| 4. | ALL SIGNAGE TO BE MECHANICALLY FIXED. HANGING SIGNAGE TO BE SUSPENDED FROM SOLID ROD/ BRACKETS AND NOT CHAINS/ CABLES. |
| 5. | NO SMOKE VENTILATION IS REQUIRED DIVISION AREAS ARE COMPARTMENTALIZED TO AREAS LESS THAN 500m². |
| 6. | TRAVEL DISTANCE DO NOT EXCEED 45m NO EMERGENCY ROUTES REQUIRED. |
| 7. | ANY OPENING IN ANY EXTERNAL WALL OF ANY DIVISION MUST BE EQUAL OR GREATER 1000mm APART. |
| 8. | DOORS ON ACCESS CONTROL TO CLOSE/RELEASE ON FIRE DETECTION SIGNAL. |
| 9. | ALL ESCAPE DOORS IN ESCAPE ROUTE TO SWING IN DIRECTION OF TRAVEL. |
| 10. | ALL PENETRATIONS AND OPENINGS IN WALLS INDICATED AS FIRE WALLS AS PER THE FIRE PLAN DRAWINGS ARE TO BE CLOSED UP AND AND FIRE SEALED TO THE SAME RATING REQUIRED FOR THE SAID WALLS. USING SABS APPROVED PRODUCTS. |

| SYMBOL LEGEND | |
|---------------|--|
| SYMBOL | DESCRIPTION |
| | 30m PVC FIRE HOSE REEL |
| | 65mm RIGHT-ANGLE FIRE HYDRANT |
| | BOOSTER CONNECTION |
| | BREAK GLASS UNIT |
| | HYDRANT MAIN SUPPLY (Ø80 - 100) |
| | FIRE HOSE REEL SUPPLY (Ø25 - 50) |
| | 30 MINUTE FIRE RATED WALL |
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| | 120 MINUTE FIRE RATED WALL |
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| | CLASS B 120min SELF CLOSING FIRE DOOR |
| | CLASS F 30min SELF CLOSING FIRE DOOR |
| | 2 HOUR FIRE RATED LIFT DOOR WITH SMOKE SEAL BETWEEN LEAVES |
| | DIRECTIONAL ARROW |
| | 9Kg DCP FIRE EXTINGUISHER |
| | 4.5Kg DCP FIRE EXTINGUISHER |
| | 5kg CO² FIRE EXTINGUISHER |

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| Z : AS BUILT | / D : BY BV | |
| | / E : BY OTHER () | |

| DATE | INITIAL | No./CODE | REVISION DESCRIPTION |
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| 09/06/2022 | N.M | T0/D | DRAWING ISSUED FOR TENDER |
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Registration no. 1566/2011/15/107



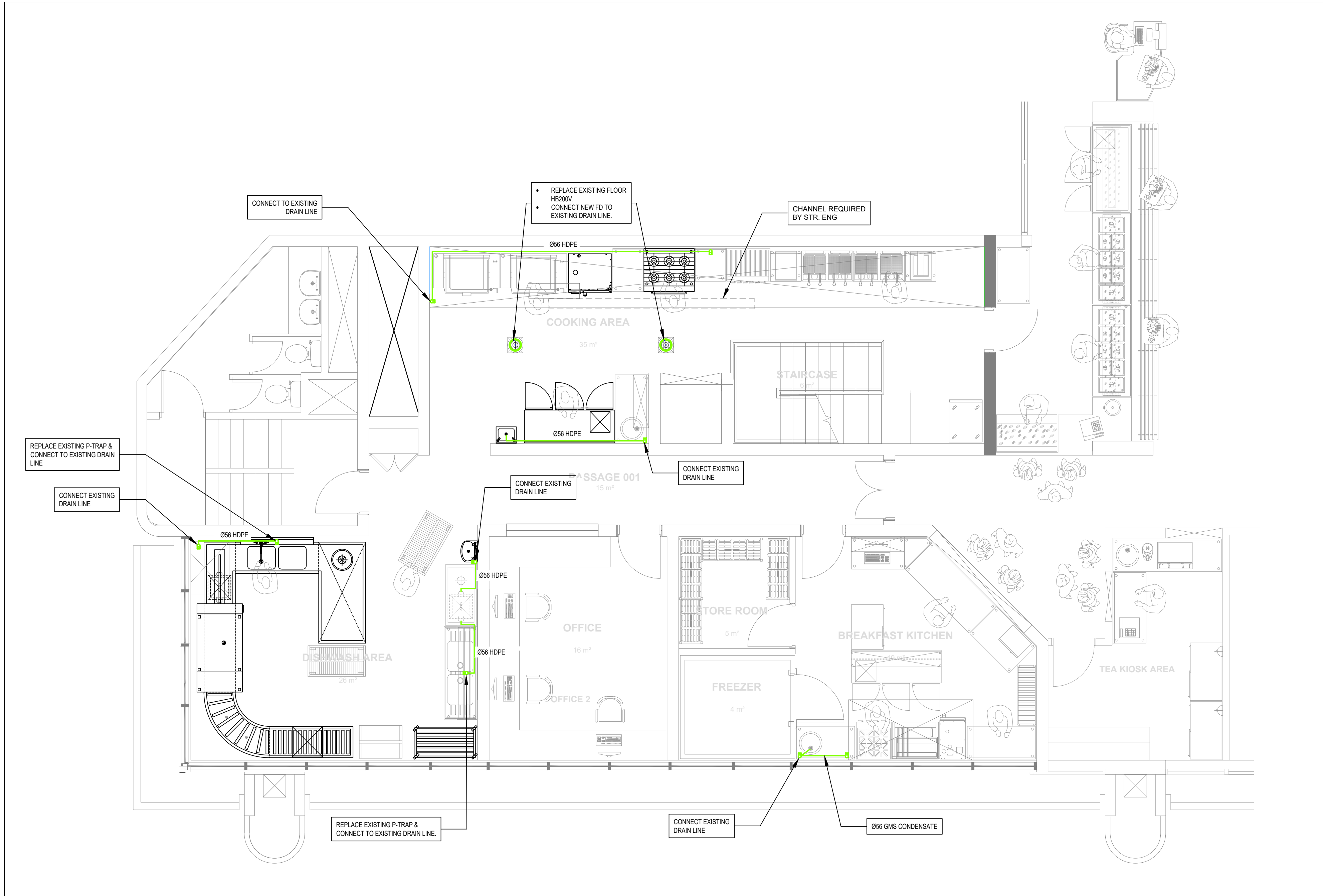
PROJECT
PARLIAMENT PRECINCT
KITCHEN
REPLACEMENT OF EQUIPMENT

DRAWING TITLE

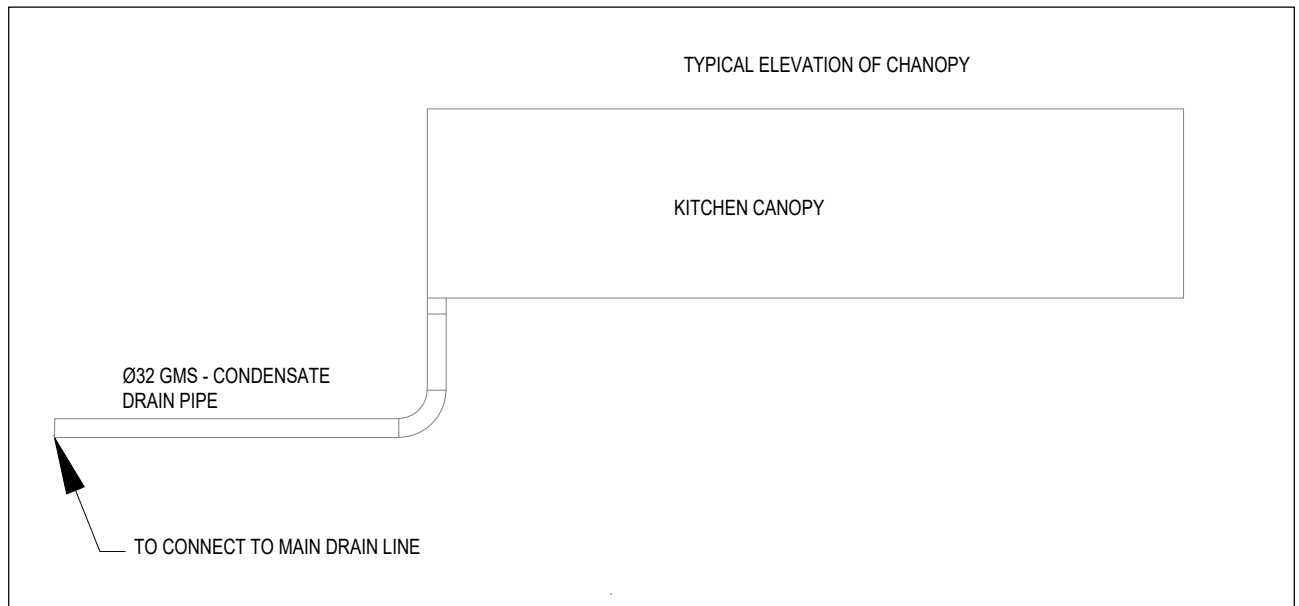
90 PLEIN STREET
GROUND & FIRST FLOOR
FIRE PROTECTION LAYOUT

| APPROVED BY BV | | |
|-----------------------|---------------|-------------|
| ENGINEER/TECHNOLOGIST | 200970062 | 03/06/2022 |
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| SCALE | AS SHOWN @ A1 | DRAWN |
| DESIGNED | N.M | CHECKED |
| PLAN NUMBER | REVISION NO. | DATE SAVED |
| 33547.01-720-02 | T0 | 3 June 2022 |

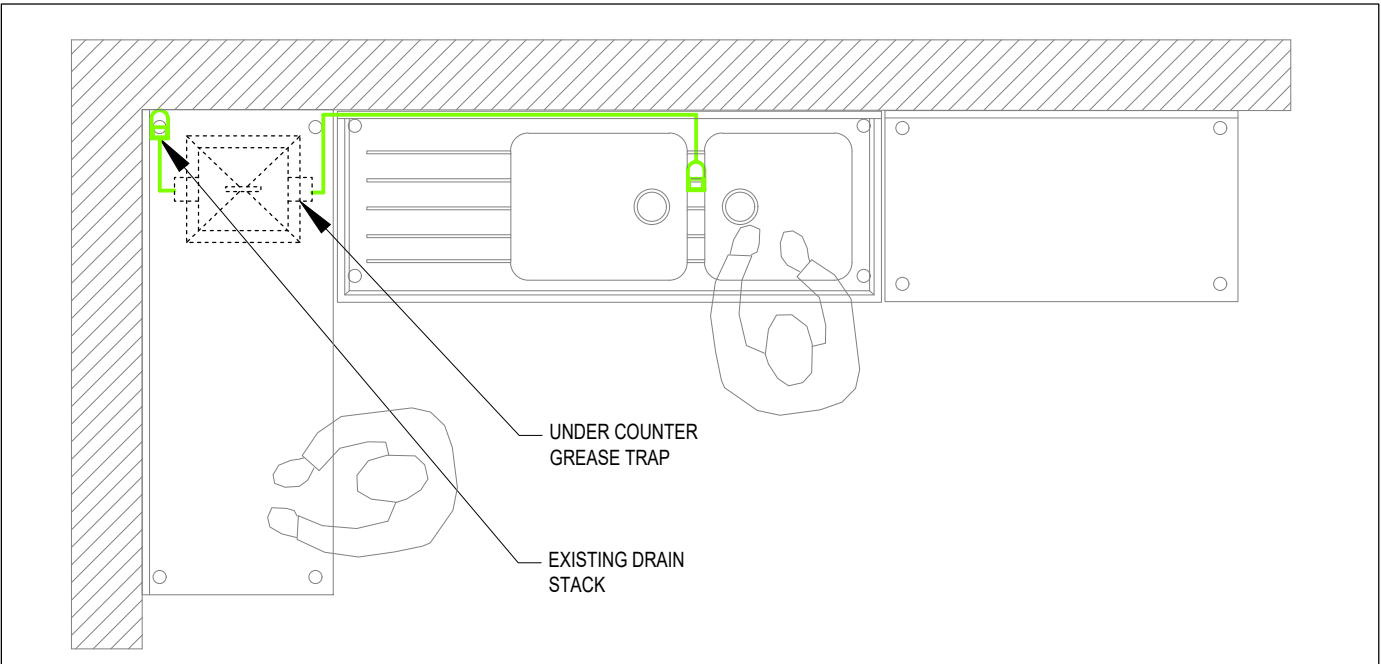
- KEY PLAN -



UPPER GROUND FLOOR
SCALE 1:50



TYPICAL ELEVATION OF CANOPY
SCALE: NTS



TYPICAL UNDER COUNTER GREASE TRAP
CONNECTION DETAILS
SCALE: NTS

| DRAINAGE & RAINWATER LEGEND | | | |
|-----------------------------|---|--|----------------------|
| S = STACK | FA = FROM ABOVE | | |
| V = VENT | FB = FROM BELOW | | |
| RE = RODDING EYE | TA = TO ABOVE | | |
| IE = INSPECTION EYE | TB = TO BELOW | | |
| FD = FLOOR DRAIN | CD = CONDENSATE DRAIN | | |
| | SHOWER DRAIN | | CAST IRON FBO |
| | HDPE TERRACE OUTLET | | PLUVIA OUTLET 12 1/8 |
| | BALL FITTING | | GULLY |
| | WM / DW SINK CONNECTION | | ANTI-VAC TRAP |
| | VALSIR INTEGRAL WM / DW WASTE CONNECTION AND TRAP | | |
| | HWC DRIP TRAY | | |
| | RODDING EYE IN GROUND | | |
| | OVAL INSPECTION EYE | | |
| | ROUND ACCESS/RODDING EYE | | |
| | DRAINAGE PIPELINE ABOVE SLAB | | |
| | DRAINAGE PIPELINE IN SLAB/UNDERGROUND | | |
| | DRAINAGE PIPELINE AGAINST SOFFIT | | |
| | STORMWATER PIPELINE ABOVE SLAB | | |
| | STORMWATER PIPELINE IN SLAB/UNDERGROUND | | |
| | STORMWATER PIPELINE AGAINST SOFFIT | | |
| | PLUVIA PIPELINE ABOVE SLAB | | |
| | PLUVIA PIPELINE IN SLAB/UNDERGROUND | | |
| | PLUVIA PIPELINE AGAINST SOFFIT | | |

- DRAINAGE NOTES**
1. ALL PRIMARY CO-ORDINATION TO BE THE RESPONSIBILITY OF THE PRINCIPAL AGENT.
 2. DRAIN PIPES AND FITTINGS TO COMPLY WITH SPECIFICATIONS: SABS 0262-2, BS 5750, EN 1519
 3. DRAINAGE INSTALLATION TO BE HDPE PIPES AND IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.
 4. ALL HWC DRIP TRAYS TO BE COMPLETE WITH 75MM DEEP GLYCERINE FILLED TRAPS.
 5. ALL DRAIN LINES ABOVE, CAST INTO SLABS AND UNDERGROUND, TO HAVE A 1:80 FALL, UNLESS OTHERWISE INDICATED.
 6. ALL VENT PIPES PENETRATING TILED ROOFS TO BE WATERPROOFED OR FLASHED TO ARCHITECT'S DETAIL.
 7. PLEASE NOTE THAT, WHERE APPLICABLE, BALL FITTINGS MUST HAVE REDUCED BRANCH CONNECTIONS TO SUITE BRANCH PIPE DIAMETER.
 8. PLEASE NOTE THAT REDUCING Y-BRANCHES ARE TO BE USED WHERE APPLICABLE.
 9. ALL WC&S WASTE PIPE TO BE INSTALLED WITH STUB-STACK

FOR TENDER

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| T.O. / : TENDER DRAWING | I/B : BY ARCHITECT | |
| 0,1,2... / : AFTER TENDER | I/C : BY MECHANICAL OR ELECTRICAL | |
| Z / : AS BUILT | I/D : BY BVI | |
| | I/E : BY OTHER () | |

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CLIENT



PROJECT

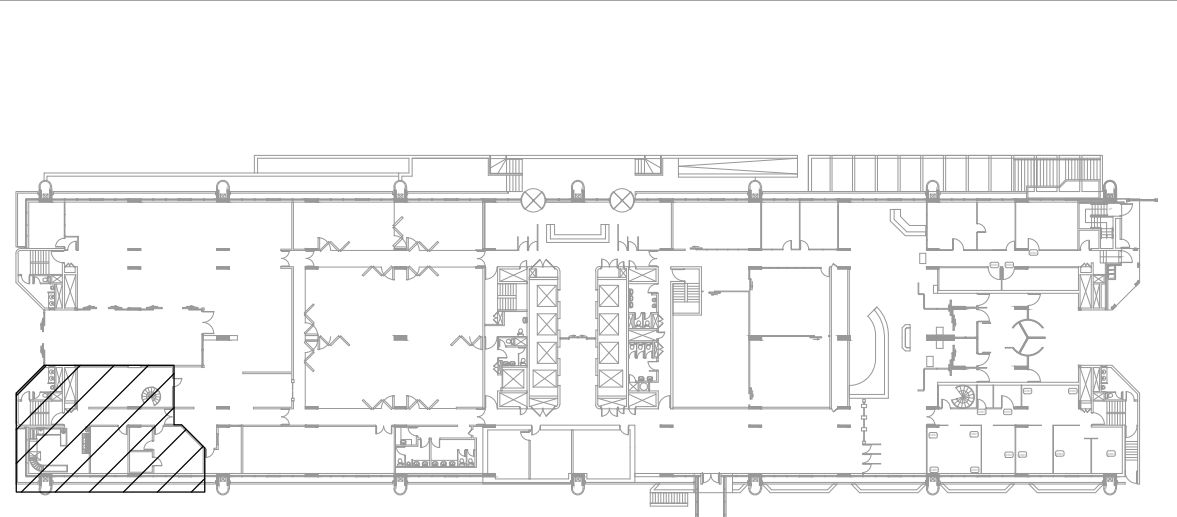
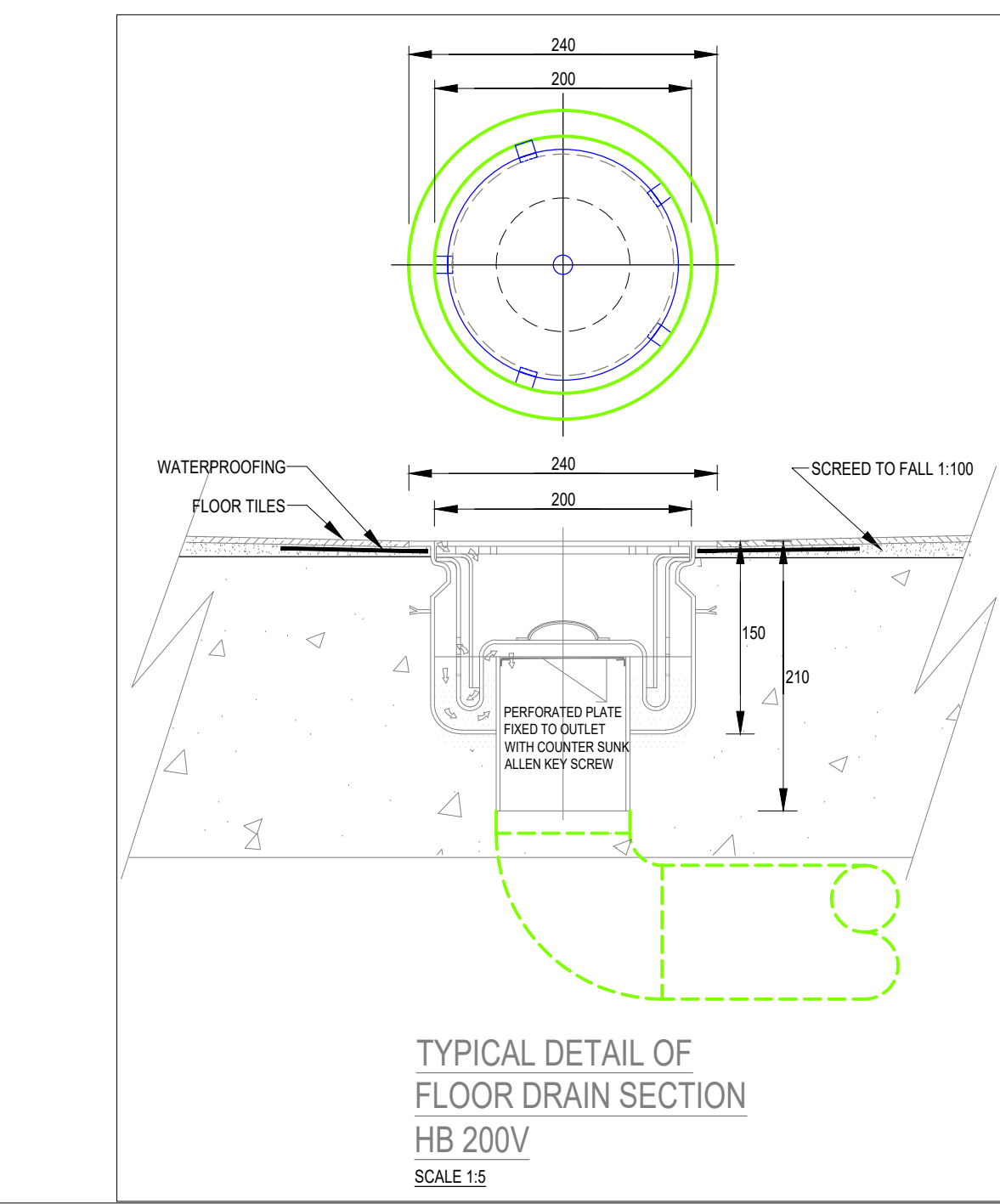
**PARLIAMENT KITCHEN
UPGRADE**

DRAWING TITLE























**90 PLEIN STREET
UPPER GROUND FLOOR
PLUMBING AND DRAINAGE**

APPROVED BY BVI

| | | |
|-----------------------|--------------|------------|
| ENGINEER/TECHNOLOGIST | 200970062 | 24/05/2022 |
| DESIGNED | NJW | AM |
| CHECKED | NJW | AM |
| PLAN NUMBER | REVISION NO. | DATE SAVED |
| 33547.01-710.01 | T0 | 07/08/2019 |



- KEY PLAN -

| DRAINAGE & RAINWATER LEGEND | |
|---|---|
| S = STACK | FA = FROM ABOVE |
| V = VENT | FB = FROM BELOW |
| RE = RODDING EYE | TA = TO ABOVE |
| IE = INSPECTION EYE | TB = TO BELOW |
| FD = FLOOR DRAIN | CD = CONDENSATE DRAIN |
|  | SHOWER DRAIN |
|  | CAST IRON FBO |
|  | HDPE TERRACE OUTLET |
|  | PLUVIA OUTLET 1/2 in |
|  | BALL FITTING |
|  | GULLY |
|  | WM / DW SINK CONNECTION |
|  | ANTI-VAC TRAP |
|  | VALSIR INTEGRAL WM / DW WASTE CONNECTION AND TRAP |
|  | HWC DRIP TRAY |
|  | RODDING EYE IN GROUND |
|  | OVAL INSPECTION EYE |
|  | ROUND ACCESS/RODDING EYE |
|  | DRAINAGE PIPELINE ABOVE SLAB |
|  | DRAINAGE PIPELINE IN SLAB/UNDERGROUND |
|  | DRAINAGE PIPELINE AGAINST SOFFIT |
|  | STORMWATER PIPELINE ABOVE SLAB |
|  | STORMWATER PIPELINE IN SLAB/UNDERGROUND |
|  | STORMWATER PIPELINE AGAINST SOFFIT |
|  | PLUVIA PIPELINE ABOVE SLAB |
|  | PLUVIA PIPELINE IN SLAB/UNDERGROUND |
|  | PLUVIA PIPELINE AGAINST SOFFIT |

1. ALL PRIMARY CO-ORDINATION TO BE THE RESPONSIBILITY OF THE PRINCIPAL AGENT.
2. DRAIN PIPES AND FITTINGS TO COMPLY WITH SPECIFICATIONS: SABS 0252-2
BS 5750
EN 1519
3. DRAINAGE INSTALLATION TO BE HOPE PIPES AND IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.
4. ALL HWC DIRT TRAYS TO BE COMPLETE WITH 75MM DEEP GLYCERINE FILLED TRAYS.
5. ALL DRAIN LINES ABOVE, CAST INTO *re* SLABS AND UNDERGROUND, TO HAVE A 1:80 FALL. UNLESS OTHERWISE INDICATED.
6. ALL VENT PIPES PENETRATING TILED ROOFS TO BE WATERPROOF OR FLASHED TO ARCHITECT'S DETAIL.
7. PLEASE NOTE THAT, WHERE APPLICABLE, BALL FITTINGS MUST HAVE REDUCED BRANCH CONNECTIONS TO SUITE BRANCH PIPE DIAMETERS.
8. PLEASE NOTE THAT REDUCING Y-BRANCHES ARE TO BE USED WHERE APPLICABLE.
10. ALL WCs WASTE PIPE TO BE INSTALLED WITH SUB-STACK


| APPROVED BY COUNCIL / CLIENT | |
|--|---|
| CITY ENGINEER / CLIENT | REG. NO. DATE |
| AMENDMENTS CODE | |
| 0.C./ : BEFORE TENDER 1. : TENDER DRAWING 2./ : AFTER TENDER / : AS BUILT | /A: BY CLIENT /B: BY ARCHITECT /C: BY MECHANICAL OR ELECTRICAL /D: BY BV /E: BY OTHER () |

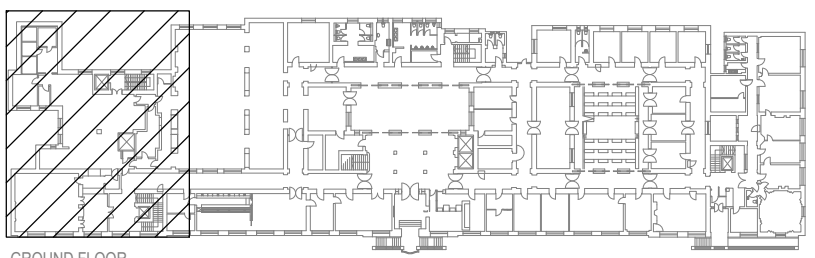
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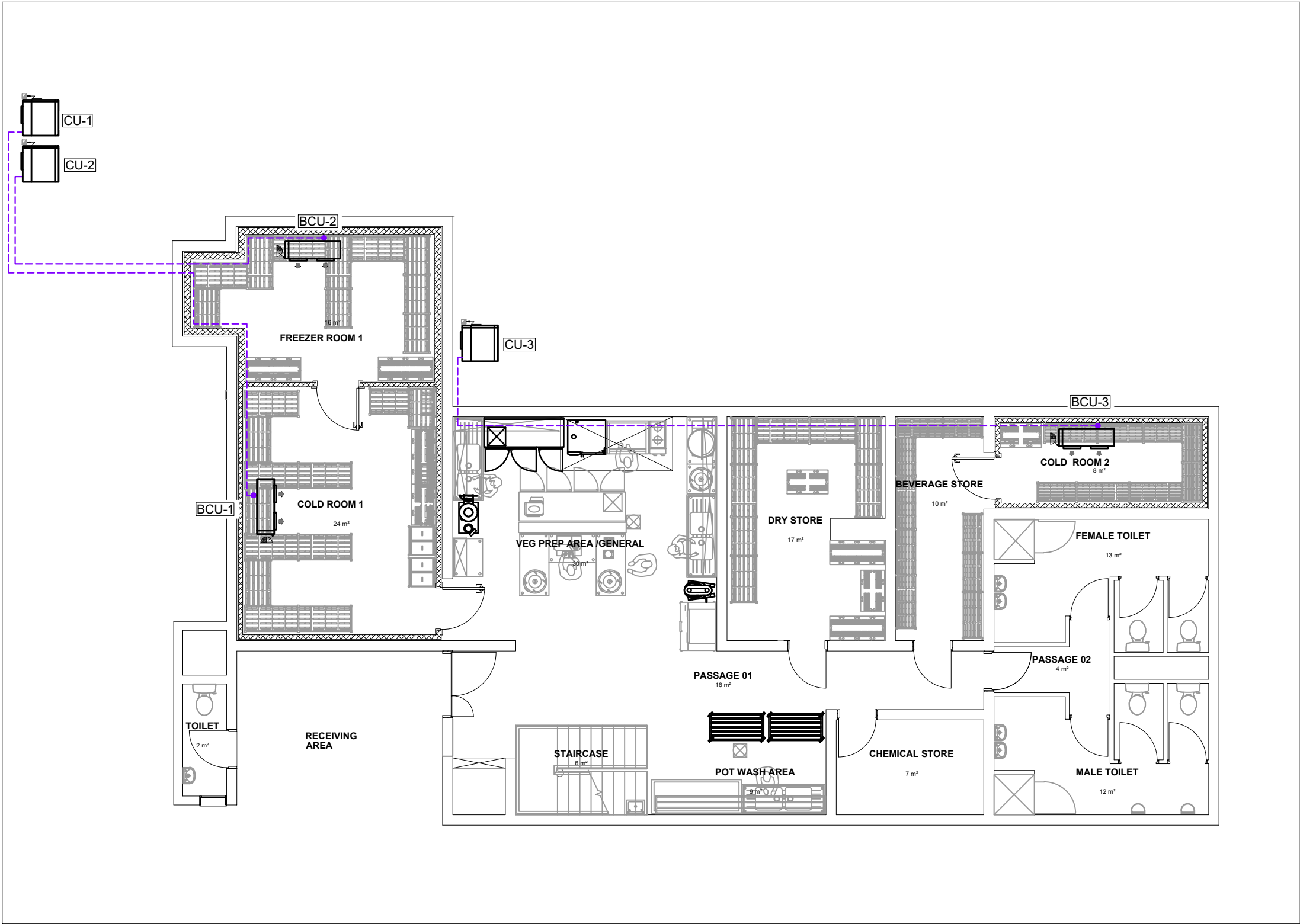


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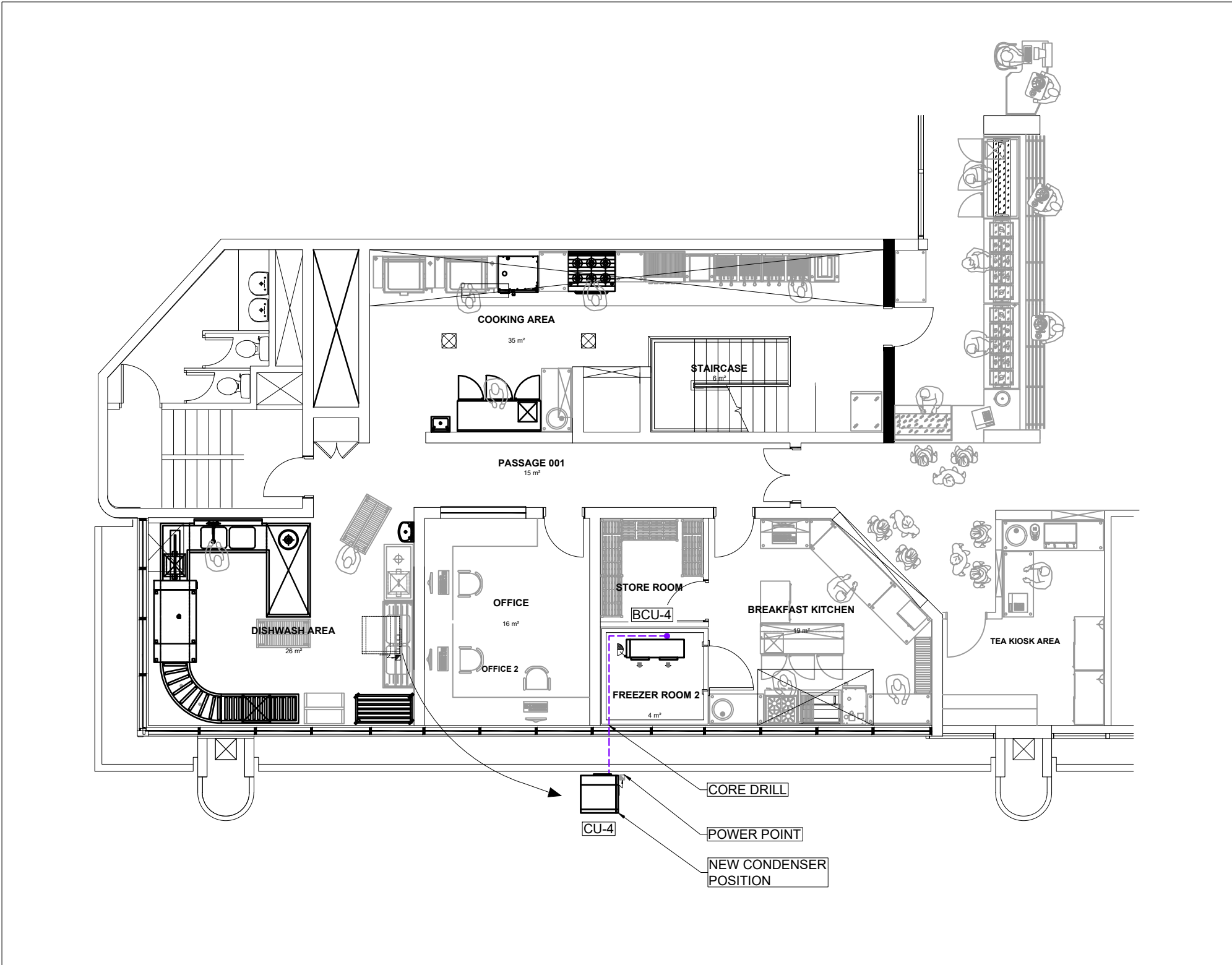
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| ENGINEER/TECHNOLOGIST | | REG. NO. | | DATE | |
| SCALE | 1:100 @ A1 | DRAWN | NJW | | |
| DESIGNED | NJW | CHECKED | AM | | |
| PLAN NUMBER | | REVISION NO. | | DATE SAID | |
| 33547.01-710-02 | | T0 | | Thursday, June 09, | |





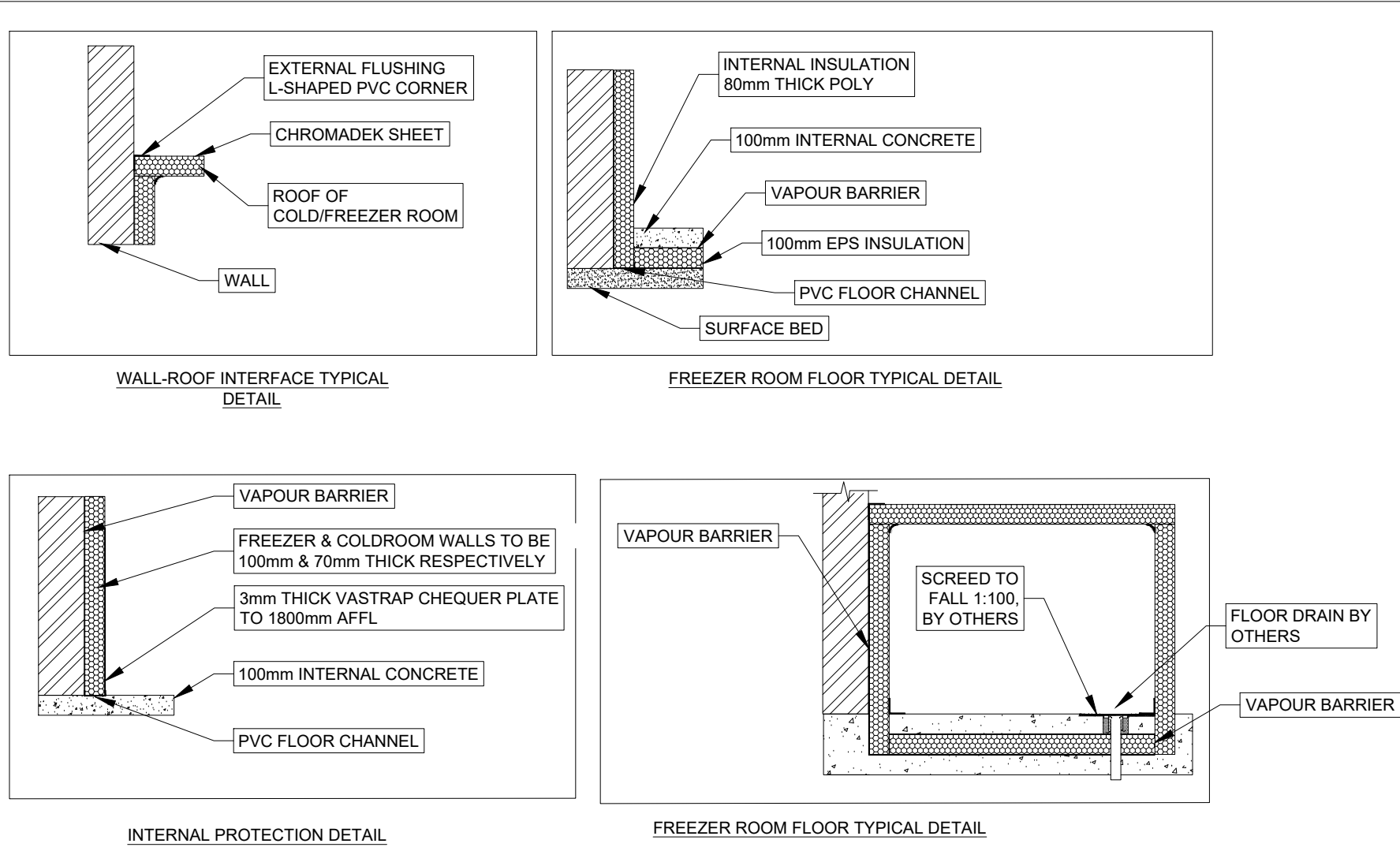
GROUND FLOOR
SCALE 1:100



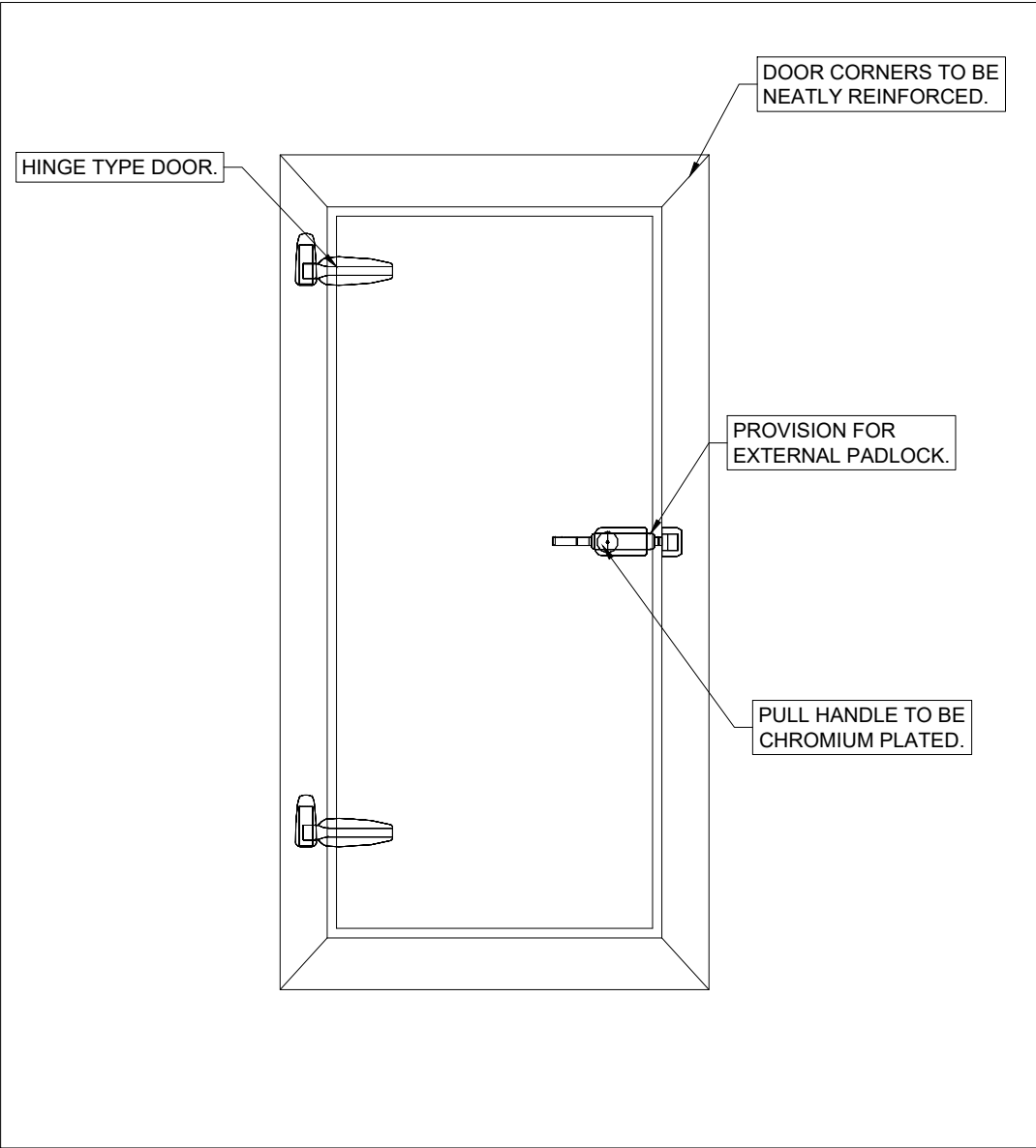
FIRST FLOOR
SCALE 1:100

COLDROOM SCHEDULE:-

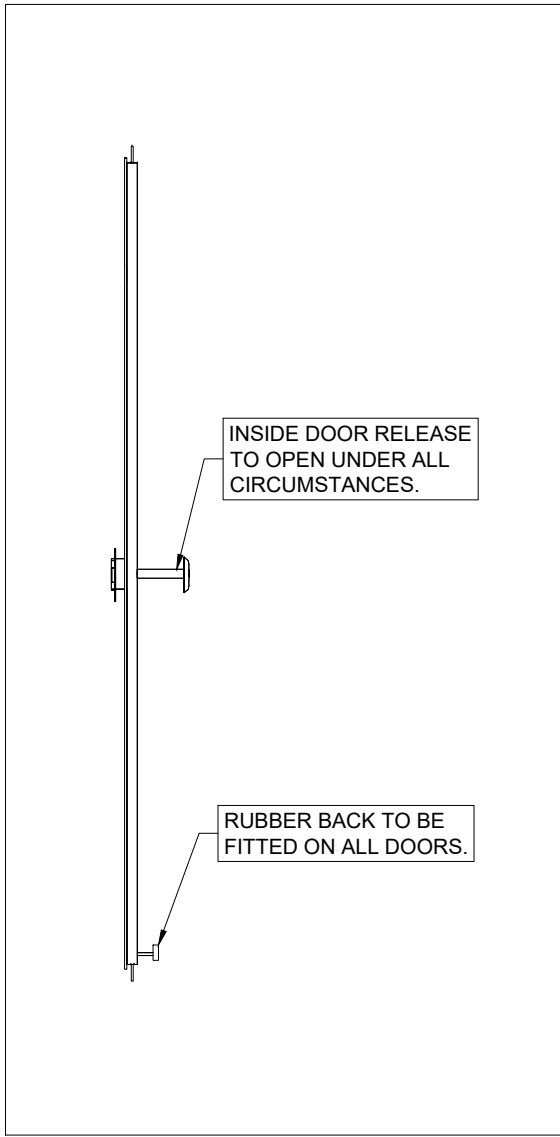
| ROOM | | COLD ROOM 1 | COLD ROOM 2 | FREEZER ROOM 1 | FREEZER ROOM 2 |
|-------------------|---------|-------------|-------------|----------------|----------------|
| ROOM SIZE | m² | 72 | 24 | 48 | 12 |
| BLOWER COIL NO. | | BCU-1 | BCU-3 | BCU-2 | BCU-4 |
| POWER SUPPLY | kW | 2.3 | 1.1 | 1.95 | 0.6 |
| | V/Ph/Hz | 400/3/50 | 400/3/50 | 400/3/50 | 400/3/50 |
| ROOM TEMPERATURE | °C | 0 | 0 | -20 | -20 |
| EVAP. TEMPERATURE | °C | -5 | -5 | -27 | -27 |
| CAPACITY | kW | 4.6 | 2.2 | 3.9 | 1.2 |
| | | | | | |
| CONDENSER NO. | | CU-1 | CU-3 | CU-2 | CU-4 |
| CONDENSING TEMP. | °C | 45 | 45 | 45 | 45 |
| POWER SUPPLY | V/Ph/Hz | 400/3/50 | 400/3/50 | 400/3/50 | 400/3/50 |



COLDROOM PANEL CONSTRUCTION DETAILS
SCALE: NTS



TYPICAL COLDROOM DOOR (FRONT VIEW)
SCALE: NTS



TYPICAL COLDROOM DOOR (SIDE VIEW)
SCALE: NTS

REFRIGERATION NOTES:

GENERAL NOTES:

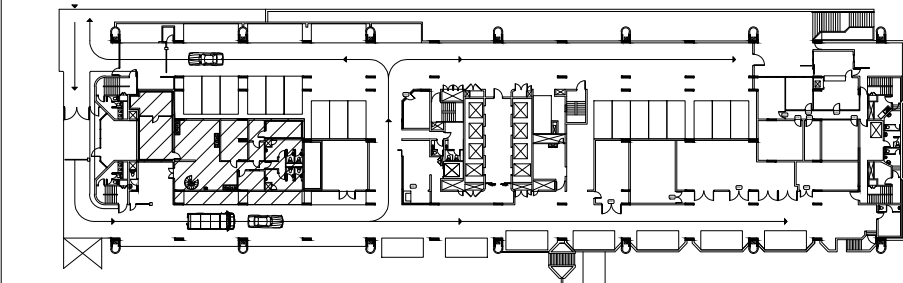
- THIS DRAWING DEPICTS DESIGN INTENT. THEREFORE THE REFRIGERATION SUB CONTRACTOR MUST SELECT THE COMPRESSORS AND CONDENSERS TO SUIT THE OPERATING CONDITIONS OF THE EVAPORATIVE BLOWER COILS.
- THIS DRAWING MUST BE READ IN CONJUNCTION WITH THE REFRIGERATION STANDARD SPECIFICATION.
- ALL REFRIGERANT EQUIPMENT ARE NOT TO USE R22 REFRIGERANT, ONLY R410A OR R134A SHALL BE ACCEPTED.
- ALL REFRIGERATION EQUIPMENT IS TO BE COMPLETE WITH COMPRESSORS, CONDENSERS, DRIERS, RECEIVERS, HP/LP SWITCHES, OIL SEPARATORS, ACCUMULATORS, ELECTRIC CONTROLLERS AND ALL NECESSARY ACCESSORIES.
- DETAIL SPECIFICATION OF COLD ROOMS AND FREEZER PANELS, DOORS, WALLS, ROOFS, FLOORS, FINISHES AND INSTALLATION ARE PROVIDED IN THE DPW-STANDARD SPECIFICATION (PW 328) FOR REFRIGERATION.
- MINIMUM INTERNAL DIMENSIONS OF ROOM SIZES REQUIRED ARE INDICATED OR ON THE LAYOUT DRAWING. ACTUAL DIMENSIONS MUST BE DETERMINED ON SITE PRIOR TO MANUFACTURING OF PANELS.
- BUILDER TO PROVIDE PENETRATIONS THROUGH CONCRETE SLABS & BRICK WALLS FOR EQUIPMENT, REFRIGERANT PIPING AND CONDENSATE DRAINAGE INSTALLATIONS AND MAKE GOOD AFTER COMPLETION OF THE INSTALLATION.
- ALL PIPING AND CABLING THRU WALLS SHALL BE INSTALLED IN PVC SLEEVE.
- FIRE STOPPING & SEALING OF ALL PIPE ENTRIES SHALL BE TO ARCHITECT'S DETAIL.
- PROVIDE POWER SUPPLY TO THE COLD ROOM DISTRIBUTION PANEL (DB-CR) LOCATED ON THE PLANT ROOF SLAB, REFER TO LAYOUT DRAWING.
- ELECTRICAL ISOLATORS SHALL BE PROVIDED WITHIN A METER OF ALL REFRIGERATION EQUIPMENT.
- PLUMBER TO PROVIDE GULLY OR TRAPPED POINT FOR CONDENSATE DRAINAGE FROM REFRIGERATION UNITS.

COLD ROOMS & FREEZERS

- COLDROOMS AND FREEZER ROOMS SHALL BE MADE OF 70mm THICK AND 100mm THICK POLYURETHANE, CLAD WITH 0.6mm WHITE CHROMADEK FLUTED PANELS.
- TRIMMINGS TO INCLUDE FLOOR CURVED CORNERS, CHROMADEK CHANNELS, FLUSHINGS AND ANGLES, POP RIVETS & SILICON.
- DOOR TO BE 900mm W x 2000mm H M/T HINGED DOOR.
- COLD ROOM AND FREEZER ROOMS TO BE COMPLETE WITH PVC STRIP CURTAIN - 900mm W x 2mm WITH TOP GALVANISED RAIL.
- FREEZER FLOORS TO BE FITTED WITH 100mm POLYURETHANE WITH VAPOUR SEAL.
- COLD / FREEZER ROOMS SHALL BE EQUIPPED WITH LIGHTS GENERALLY AT NOT LESS THAN 1 LIGHT PER 10m².
- NO ROOM SHALL HOWEVER HAVE LESS THAN TWO LIGHTS FITTED.
- LIGHTS SHALL BE WIRED FROM THE REFRIGERATION CONTROL PANEL WITH A SEPARATE CIRCUIT BREAKER.
- A COMBINED LIGHT WITH INDICATOR PILOT LIGHT FOR CONTROL OF THE LIGHTS SHALL BE NEXT TO THE DOOR FOR EACH ROOM.
- THE LIGHT SWITCH SHALL BE FINISHED IN NEAT BAKED ENAMEL TO BLEND IN WITH THE PANEL FINISH AND SHALL BE TO THE MANUFACTURE'S STANDARD.
- LIGHTS MUST BE SYMMETRICALLY SPACED WITH REGARDS TO THE SHELVES AND RAILS TO ENSURE MAXIMUM LIGHT IN PASSAGES AND ALL PARTS OF THE ROOMS.
- THE LIGHTS AND FITTINGS COMPLETE WITH WIRING MUST BE ENTIRELY MOISTURE PROOF AND SUITABLE FOR COLD / FREEZER ROOM APPLICATIONS.
- SWING TYPE HINGED DOORS FOR FREEZER ROOM SHALL NOT BE FITTED FLUSH WITH THE WALL PANELS BUT SHALL FIT "SLAM-ON"
- DOORS FITTED TO ROOMS WITH ROOM FLOOR ON THE SAME LEVEL AS THE EXTERIOR FLOOR SHALL BE PROVIDED WITH CAM TYPE (HINGED) AND DROP IN, DROP DOWN (SLIDING) HINGES TO SEAL PROPERLY ON THE FLOOR.
- WALL PANELS SHALL BE SUITABLE REINFORCED INTERNALLY TO ENSURE SOLID AND ROBUST FIXING OF THE DOOR FIXTURES.

REFRIGERATION

- PRESSURE / VACUUM RELIEVE VALVES SHALL BE BE INSTALLED IN ALL FREEZER ROOMS.
- EACH COLD / FREEZER ROOM SHALL BE FITTED WITH A 100mm DIAMETER DIAL TYPE THERMOMETER ABOVE THE DOOR.
- THE CAPILLARY TUBE FOR THE THERMOMETER SHALL BE TAKEN THROUGH THE WALL IN A 20mm DIAMETER SLEEVE PIPE SEALED WITH SILICONE SEALANT ON BOTH SIDES.
- THE BULB SHALL BE INSTALLED 25mm OFF THE WALL IN A TOP CORNER OF THE ROOM AS HIGH AS POSSIBLE BUT NOT DIRECTLY IN THE AIR STREAM OF THE BLOWER COIL UNIT.
- THE THERMOMETER RANGE SHALL MATCH THE APPLICATION.
- ALL REFRIGERANT PIPING ARE TO BE SOFT DRAWN COPPER PIPES AND SHALL BE INSULATED WITH ARMA-FLEX.
- CONDENSERS ARE TO BE INSTALLED ON A PURPOSE MADE BRACKET.
- BRACKETS ARE TO BE GALVANISED STEEL.
- COLD ROOM BLOWER COIL DRAIN PANS SHALL BE FITTED WITH COPPER DRAIN PIPING AT LEAST 22mm IN DIAMETER.
- FREEZER ROOM BLOWER COIL DRAIN PANS SHALL BE FITTED WITH COPPER DRAIN PIPING AT LEAST 35mm IN DIAMETER.
- DRAIN PIPING SHALL BE TAKEN TO THE NEAREST DRAIN POINT.
- DRAIN PIPES FROM DRAIN PANS FOR FREEZER ROOM SHALL BE WRAPPED WITH HEATER TAPE OVER ITS ENTIRE LENGTH INSIDE THE ROOM OR CABINET TO PREVENT FREEZING UP. "NON-DRIPI" TAPE OR EQUAL INSULATION SHALL BE PROVIDED OVER THE HEATER TAPE AND PIPING.
- HEATER TAPE SHALL REMAIN SWITCHED ON WHILE COOLING IS IN USE.



- KEY PLAN -

SYMBOL LEGEND

| | |
|--|--|
| | ISOLATOR AND ELECTRICAL SUPPLY: 380 VOLT/ 3-PHASE. |
| | INDICATED D/B BOARD. |
| | ELECTRICAL POWER SUPPLY: 220V/SINGLE PHASE. |
| | THERMOMETER |
| | CONDENSATE PIPING |
| | REFRIGERANT PIPING |
| | BLOWER COIL |
| | CONDENSING UNIT |
| | CABLE TRAY |

FOR TENDER

| | | |
|------------------------------|----------------------------------|------|
| APPROVED BY COUNCIL / CLIENT | | |
| CITY ENGINEER / CLIENT | REG. NO. | DATE |
| AMENDMENTS CODE | | |
| A,B,C... : BEFORE TENDER | /A : BY CLIENT | |
| TO 0,1,2... : TENDER DRAWING | /B : BY ARCHITECT | |
| Z : AFTER TENDER | /C : BY MECHANICAL OR ELECTRICAL | |
| | /D : BY BVI | |
| | /E : BY OTHER () | |

| DATE | INITIAL | No./CODE | REVISION DESCRIPTION |
|--|---------|----------|---------------------------|
| 09/06/2022 | N.M | TO/D | DRAWING ISSUED FOR TENDER |
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| | Pretoria | (015) 251-5400 | ph@bvi.co.za |
| Free State | Blomfontein | (051) 442-2107 | ph@bvi.co.za |
| | Worcester | (053) 253-8888 | ph@bvi.co.za |
| Northern Cape | Upington | (054) 537-8800 | ph@bvi.co.za |
| | Springs | (021) 715-8888 | ph@bvi.co.za |
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| | Emmarentia | (021) 774-8812 | ph@bvi.co.za |
| Eastern Cape | Port Elizabeth | (041) 374-4242 | ph@bvi.co.za |
| | East London | (043) 725-1444 | ph@bvi.co.za |
| Western Cape | Cape Town | (021) 527-7000 | ph@bvi.co.za |



Registration no. 1988/00157/07

CLIENT



PROJECT

PARLIAMENTARY PRECINCT

KITCHEN REPLACEMENT OF

EQUIPMENT

DRAWING TITLE

90 PLEIN STREET

GROUND AND FIRST FLOOR

KITCHEN REFRIGERATION LAYOUT

APPROVED BY BVI

ENGINEER/TECHNOLOGIST

200970062

08/06/2022

SCALE 1:100 @ A1

DRAWN A.ANTONYSE

DESIGNED N.MOLEEJANE

CHECKED A.MALGAS

PLAN NUMBER

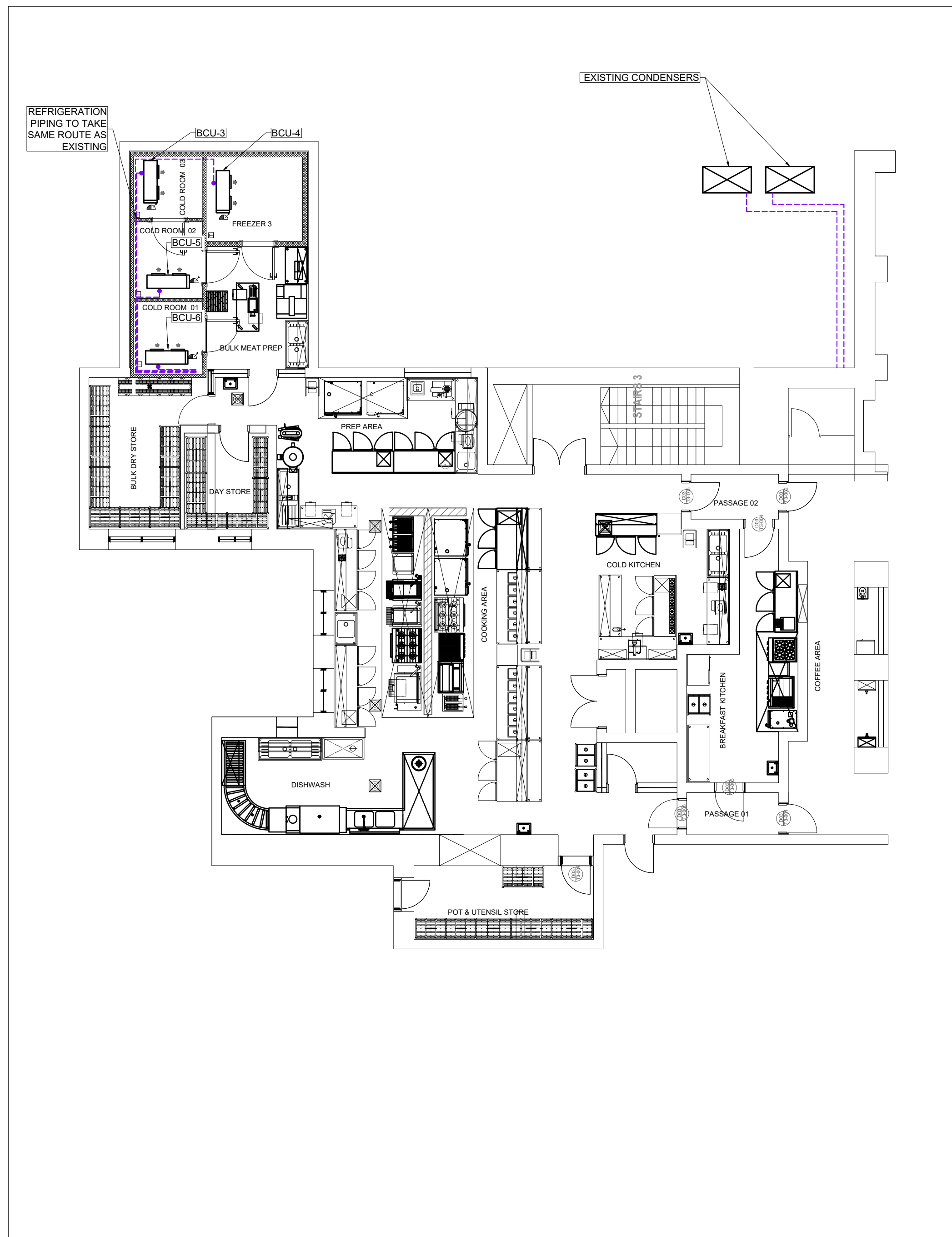
REVISION NO.

DATE SAVED

33547.01-732-01

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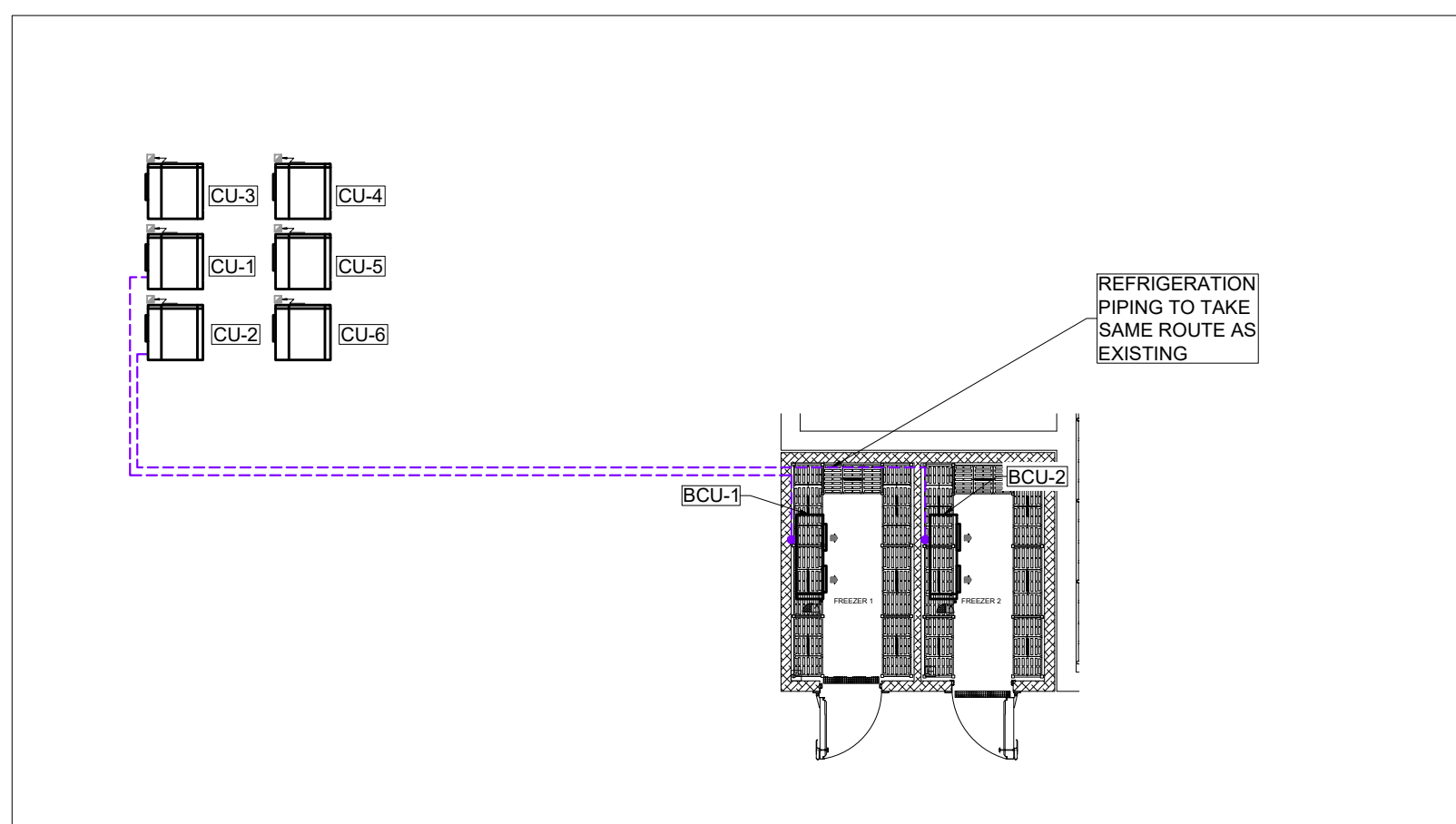
Friday, 10 June 2022



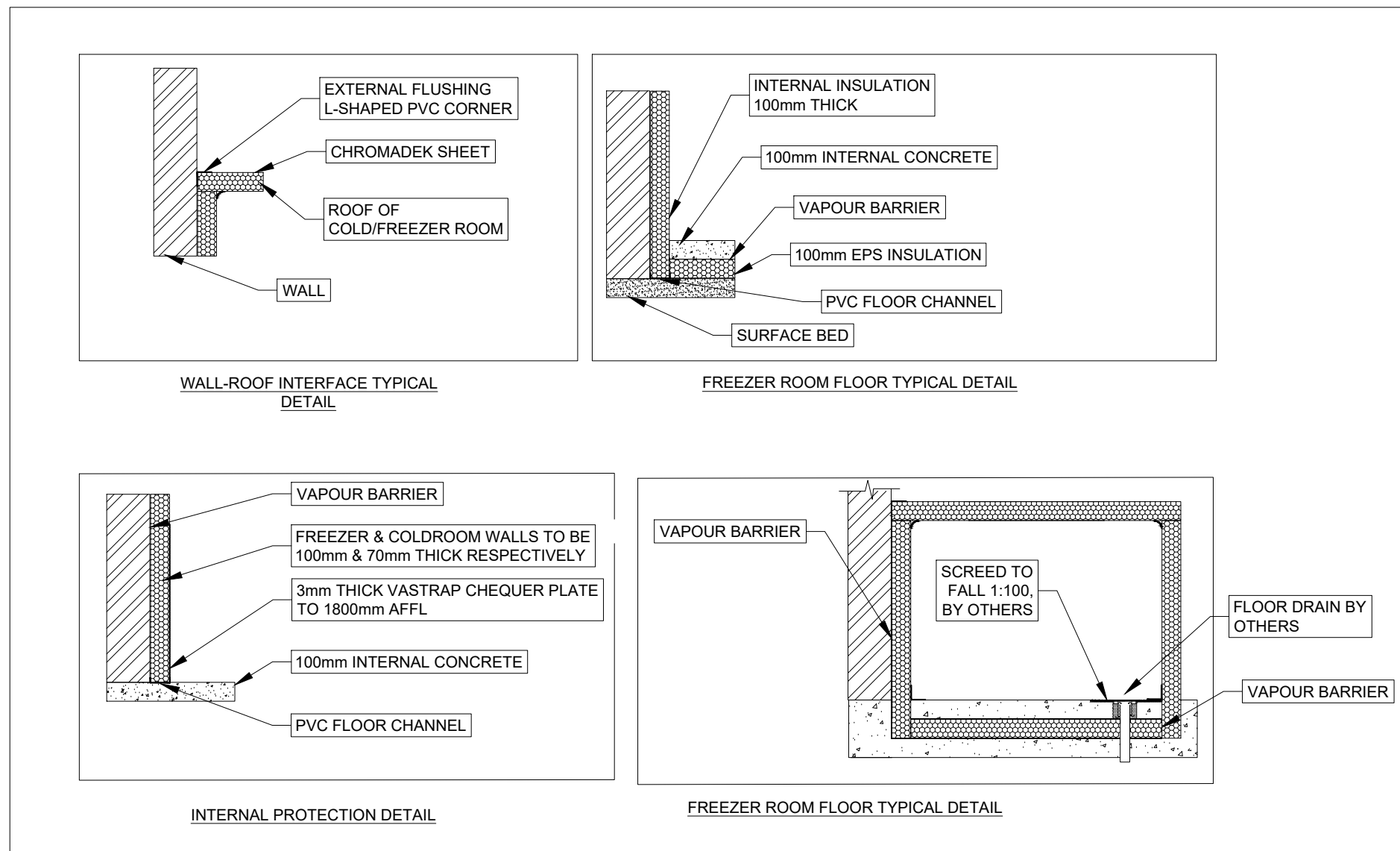
MARKS BUILDING - GROUND FLOOR
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COLDROOM SCHEDULE:-

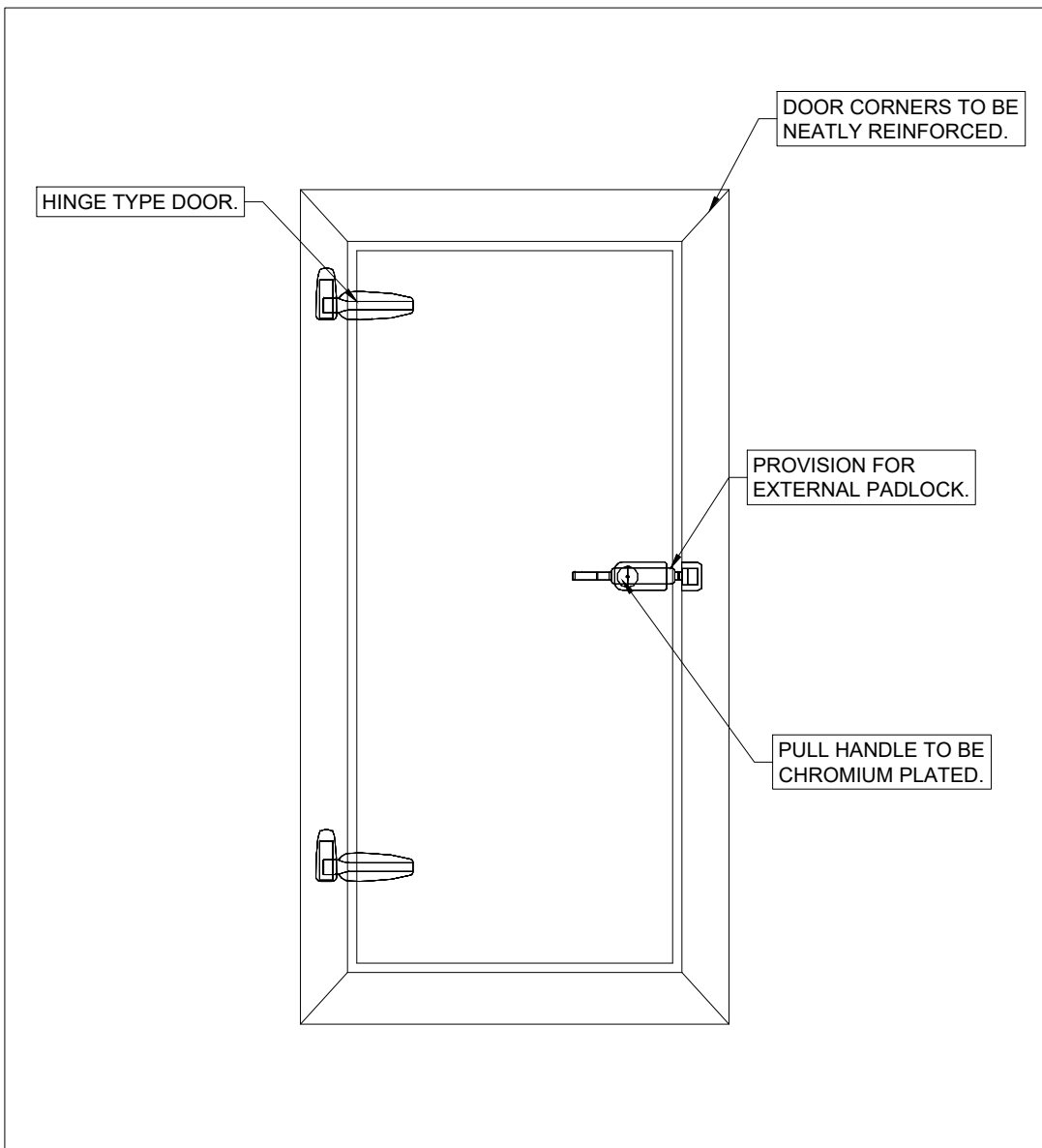
| ROOM | | COLD ROOM 1 | COLD ROOM 2 | COLD ROOM 3 | FEEZER ROOM 1 | FREEZER ROOM 2 | FREEZER ROOM 3 |
|-------------------|---------|-------------|-------------|-------------|---------------|----------------|----------------|
| ROOM SIZE | m² | 12 | 12 | 12 | 21 | 21 | 21 |
| BLOWER COIL NO. | | BCU-6 | BCU-5 | BCU-3 | CU-1 | CU-2 | CU-4 |
| POWER SUPPLY | kW | 0.6 | 0.6 | 0.6 | 1.2 | 1.2 | 1.2 |
| | V/Ph/Hz | 400/3/50 | 400/3/50 | 400/3/50 | 400/3/50 | 400/3/50 | 400/3/50 |
| ROOM TEMPERATURE | °C | 0 | 0 | 0 | -20 | -20 | -20 |
| EVAP. TEMPERATURE | °C | -5 | -5 | -5 | -27 | -27 | -27 |
| CAPACITY | kW | 1.2 | 1.2 | 1.2 | 2.3 | 2.3 | 2.3 |
| CONDENSER NO. | | CU-6 | CU-5 | CU-3 | CU-1 | CU-2 | CU-4 |
| CONDENSING TEMP. | °C | 45 | 45 | 45 | 45 | 45 | 45 |
| POWER SUPPLY | V/Ph/Hz | 400/3/50 | 400/3/50 | 400/3/50 | 400/3/50 | 400/3/50 | 400/3/50 |



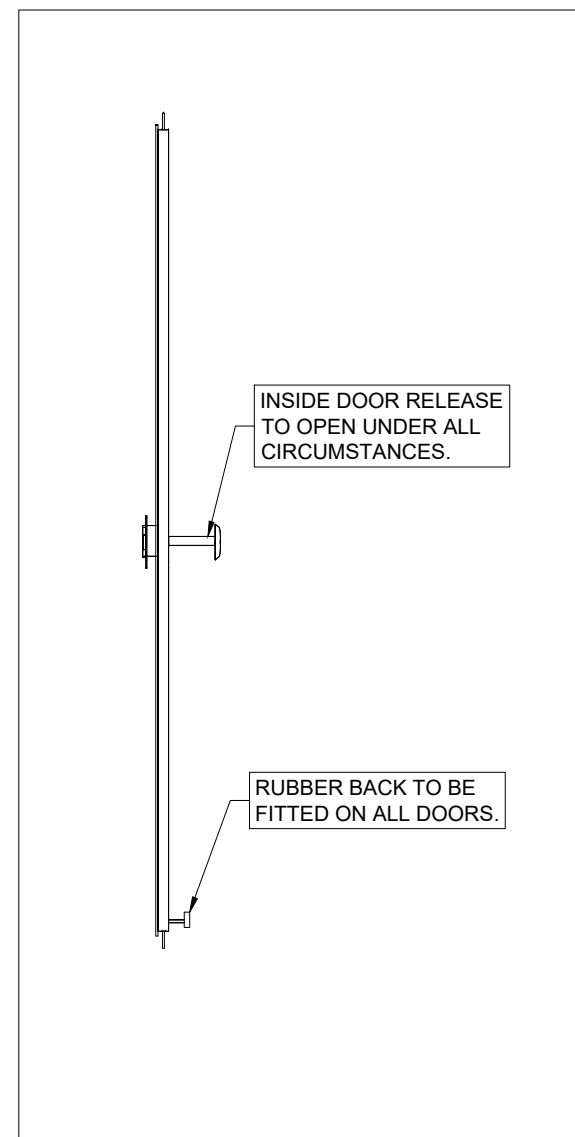
MARKS BUILDING - BASEMENT
SCALE 1:100



COLDROOM PANEL CONSTRUCTION DETAILS
SCALE: NTS



TYPICAL COLDROOM DOOR (FRONT VIEW)
SCALE: NTS



TYPICAL COLDROOM DOOR (SIDE VIEW)
SCALE: NTS

REFRIGERATION NOTES:

GENERAL NOTES:

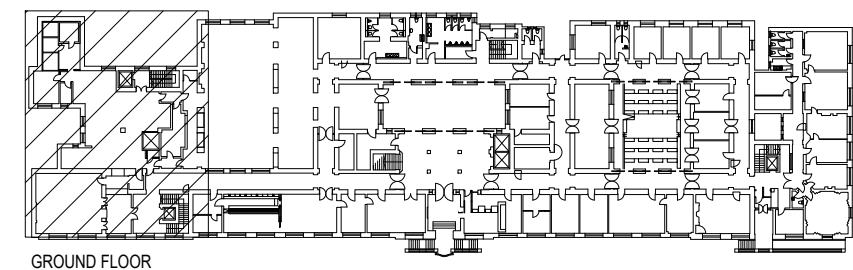
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- HEATER TAPE SHALL REMAIN SWITCHED ON WHILE COOLING IS IN USE.



- KEY PLAN -

SYMBOL LEGEND

| | |
|--|---|
| | ISOLATOR AND ELECTRICAL SUPPLY: 380 VOLT/ 3-PHASE, INDICATED D/B BOARD. |
| | ELECTRICAL POWER SUPPLY: 220V/SINGLE PHASE. |
| | THERMOMETER |
| | CONDENSATE PIPING |
| | REFRIGERANT PIPING |
| | BLOWER COIL |
| | CONDENSING UNIT |
| | CABLE TRAY |

FOR TENDER

APPROVED BY COUNCIL / CLIENT

CITY ENGINEER / CLIENT

REG. NO.

DATE

AMENDMENTS CODE

A,B,C, / : BEFORE TENDER

TO / : TENDER DRAWING

0,1,2, / : AFTER TENDER

Z / : AS BUILT

/A: BY CLIENT

/B: BY ARCHITECT

/C: BY MECHANICAL OR ELECTRICAL

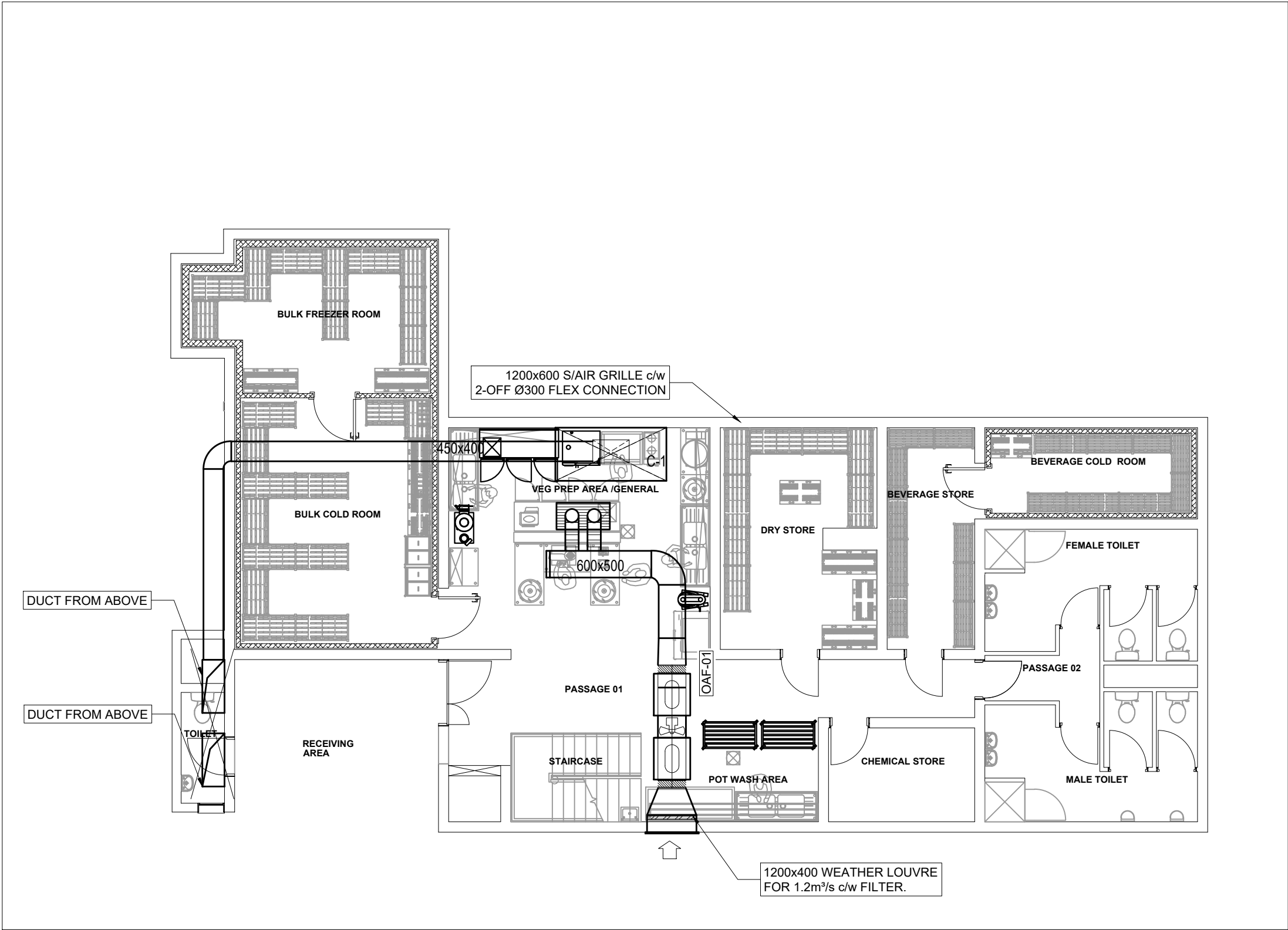
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/E: BY OTHER ()

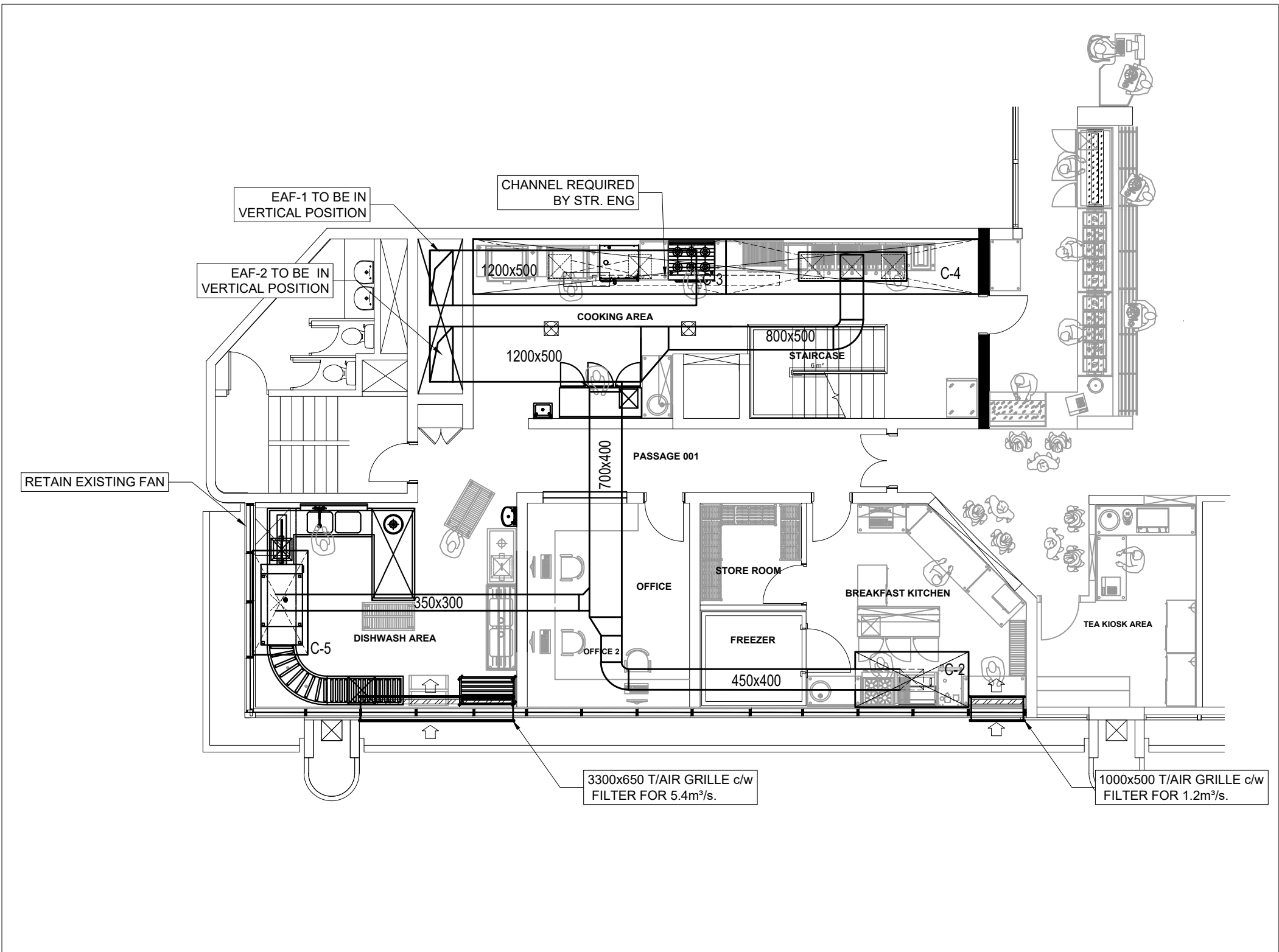
| DATE | INITIAL | No./CODE | REVISION DESCRIPTION |
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| 08/06/2022 | N/M | TO/D | DRAWING ISSUED FOR TENDER |
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| DESIGNED N.MOLEEJANE | CHECKED A.MALGAS | | |
| PLAN NUMBER | REVISION NO. | DATE SAVED | |
| 33547.01-732-03 | T0 | Thursday, 09 June 2022 | |



GROUND FLOOR
SCALE 1:100



FIRST FLOOR
SCALE 1:100

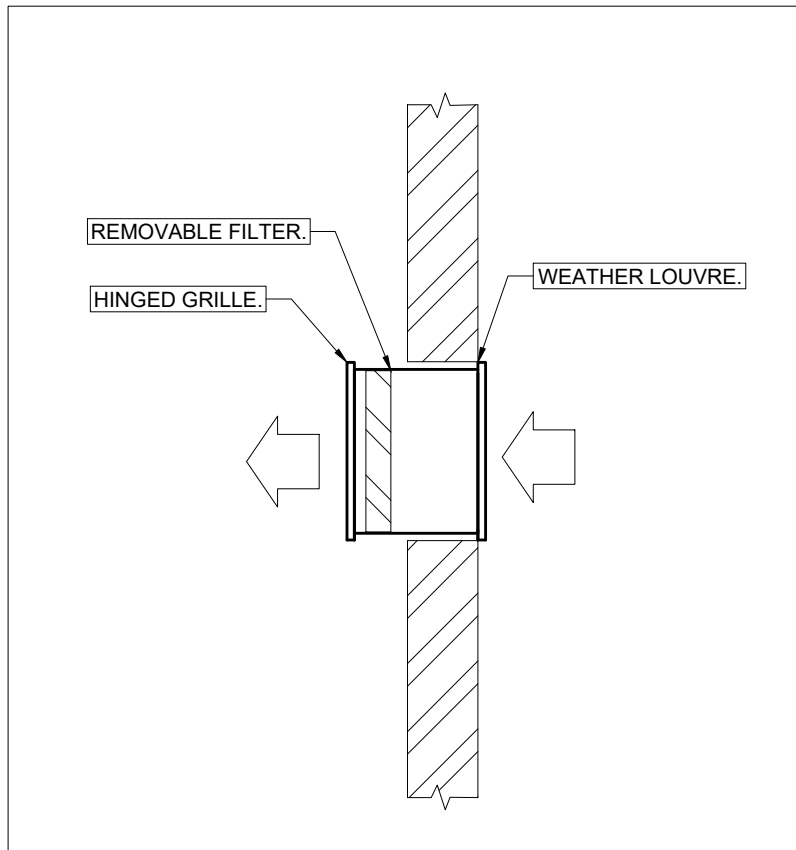
CANOPY SCHEDULE

| CANOPY REFERENCE NUMBER | C-1 | C-2 | C-3 | C-4 | C-5 |
|----------------------------------|---------------|---------------|---------------|---------------|------------------|
| SERVING | GEN PREP AREA | KITCHEN | COOKING AREA | COOKING AREA | DISHWASHING AREA |
| QUANTITY | 1 | 1 | 1 | 1 | 1 |
| SIZE (LxBxH) mm | 2500x1200x600 | 2500x1200x600 | 5500x1200x600 | 5500x1200x600 | 2650x1200x600 |
| EXTRACT AIR VOLUME (m³/s) | 1.5 | 1.5 | 3.3 | 3.3 | 0.795 |
| HEIGHT ABOVE FINISHED FLOOR (mm) | 2100 | 2100 | 2100 | 2100 | 2100 |
| FIRE DAMPER (YES / NO) | NO | NO | NO | NO | NO |
| GREASE FILTERS (YES / NO) | YES | YES | YES | YES | NO |
| LIGHT (YES / NO) | YES | YES | YES | YES | YES |
| FIRE SUPPRESSION | NO | YES | YES | YES | NO |

- NOTES:
1. FIRE SUPPRESSION BOX LOCATION TO BE CONFIRMED WITH VENDOR
 2. POWER TO CANOPY LIGHT BY OTHERS
 3. WATER POINT TO CANOPY BY OTHERS
 4. CANOPIES TO BE AMMS CAPTURE JET TYPE
 5. CANOPY ON/OFF SWITCH BY OTHERS

VENTILATION FAN SCHEDULE

| FAN REFERENCE NUMBER | EAF-1 | EAF-2 | OAF-1 |
|----------------------------|--------------------|--------------------|--------------------|
| AREA SERVED | | | |
| FAN TYPE | AXIAL | AXIAL | AXIAL |
| AIR VOLUME (m³/s) | 4.80 | 4.80 | 1.2 |
| SIZE (Ø mm) | 800 | 800 | 630 |
| STATIC PRESSURE (Pa) | 350 | 350 | 250 |
| MOTOR (kW) | 3.30 | 3.30 | 0.800 |
| SPEED - MAXIMUM (rpm) | 1440 | 1440 | 1440 |
| SOUND ATTENUATORS | MELINEX LINED 1.5D | MELINEX LINED 1.5D | MELINEX LINED 1.5D |
| POWER SUPPLY (V / Ph / Hz) | 400 / 3 / 50 | 400 / 3 / 50 | 400 / 3 / 50 |



TYPICAL T/AIR GRILLE DETAIL
SCALE 1:20

GENERAL NOTES:

1. SHEET METAL DUCTING MUST BE GALVANISED MILD STEEL, WITH MEZZ-FLANGES. ALL HVAC EQUIPMENT TO BE ADEQUATELY SUPPORTED AT REGULAR INTERVALS WITH SUITABLE THREADED ROD AND ANGLE BAR AS PER SABS 0193
2. ALL DUCTWORK JOINTS MUST BE PROPERLY SEALED AND AIRTIGHT.
3. ALL DOORS TO TOILETS WITH MECHANICAL VENTILATION TO BE UNDERCUT MINIMUM 20mm.
4. THE HVAC CONTRACTOR TO WIRE BETWEEN THE HVAC EQUIPMENT AND HVAC DB OR ISOLATOR.
5. ALL ARTIFICIAL VENTILATION SYSTEMS MUST NOT EMIT A NOISE LEVEL OF WHICH CAUSE THE AMBIENT NOISE LEVEL TO EXCEED 50DBA MEASURED AT THE BOUNDARY OF PROPERTY.
6. ALL EQUIPMENT MUST BE MOUNTED ON ANTI-VIBRATION MOUNTINGS.
7. AC UNITS FINAL POSITIONS TO BE INSTALLED TO ARCHITECT'S DIMENSIONS AS PART OF CO-ORDINATION.
8. ACCESS HATCHES POSITIONS TO ARCHITECT'S CO-ORDINATED CEILING LAYOUT.
9. FINAL DIFFUSER POSITIONS AS PER ARCHITECT'S CO-ORDINATED CEILING LAYOUT - COLOUR TO ARCHITECT'S SPECIFICATION.
10. FINAL WEATHER LOUVRE POSITIONS AS PER ARCHITECT'S ELEVATION DRAWINGS COLOUR TO ARCHITECT'S SPECIFICATION.
11. ALL FIRE DAMPERS MUST BE 350mm LONG ELECTROVENT OR EQUAL AND APPROVED.
12. ALL WASHABLE FILTERS MUST BE INSTALLED WITH PLEATS IN THE VERTICAL.
13. SOUND ATTENUATORS MUST HAVE 100mm OR 150mm AIRGAPS WITH LENGTHS AS INDICATED.

NOTES TO BUILDER:

1. BUILDER TO PROVIDE PENETRATIONS THROUGH CONCRETE SLABS & BRICK WALLS FOR HVAC EQUIPMENT AND MAKE GOOD AFTER INSTALLATION OF HVAC EQUIPMENT.
2. FIRE STOPPING & SEALING OF ALL DUCT & PIPE ENTRIES TO ARCHITECT'S DETAIL.
3. ALL WEATHER LOUVRE PENETRATIONS THROUGH WALLS MUST BE COMPLETE WITH 25mm TIMBER FRAME FOR THE SCREW FIXING OF WEATHER LOUVRES & GRILLES.
4. DOOR GRILLES - 500x300 (UNLESS NOTED OTHERWISE) SUPPLIED BY AIR-CONDITIONING CONTRACTOR AND CUT AND FITTED - BY BUILDER.

NOTES TO ELECTRICAL CONTRACTOR:

1. PROVIDE POWER SUPPLY TO ALL HVAC DB'S & ISOLATORS AS INDICATED ON DRAWING COMPLETE WITH CONDUITS, DRAW-WIRES & JUNCTION BOXES.
2. ELECTRICAL POWER SUPPLIES & ISOLATORS TO BE PROVIDED WITHIN A METER OF HVAC EQUIPMENT.
3. ISOLATORS TO FAN COIL UNITS AND FANS TO BE IN CEILING SPACE WITHIN A METER OF HVAC EQUIPMENT.

TO PLUMBING SUB-CONTRACTOR:

1. PLUMBER TO PROVIDE TRAPS IN CEILING CONNECTED TO SEWER SYSTEM FOR CONDENSATE DRAINS - REFER TO DETAIL.
2. CONDENSATE DRAINS FROM AC UNITS TO A TRAP IN CEILING BY AC CONTRACTOR
3. CONDENSATE DRAIN PIPES TO FOLLOW THE SHORTEST POSSIBLE ROUTE AS DETERMINED ON SITE. ACCEPTABLE FALL 1:80 MIN AND SIZES TO BE AS SHOWN ON PLAN LAYOUT.

SYMBOL LEGEND

| | |
|--|---|
| | ISOLATOR AND ELECTRICAL SUPPLY: 380 VOLT/ 3-PHASE: INDICATED D/B BOARD. |
| | ELECTRICAL POWER SUPPLY: 220V/SINGLE PHASE. |
| | DOORS TO BE UNDERCUT BY 20mm |
| | MAINS WATER SUPPLY: WITH GATE VALVE-SIZE AS NOTED |
| | DRAIN: NB 100, CONNECTED INTO SEWER SYSTEM. |
| | FIRE DAMPER - MOTORISED SPRING RETURN |
| | UNINSULATED DUCTING |
| | INTERNALLY INSULATED DUCTING |
| | EXTERNALLY LAGGED DUCTING |
| | REMOTE ON/OFF SWITCH - 100 x100 WALL BOX WITH 25mm CONDUIT INTO CEILING VOID. |
| | BMS TEMPERATURE SENSOR |
| | THERMOSTAT (MASTER DIFFUSER) |

FOR TENDER

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Registration no. 1989/0015767

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PROJECT

PARLIAMENTARY PRECINCT
KITCHEN REPLACEMENT OF
EQUIPMENT

DRAWING TITLE

90 PLEIN STREET
GROUND AND FIRST FLOOR
KITCHEN VENTILATION LAYOUT

APPROVED BY BVI

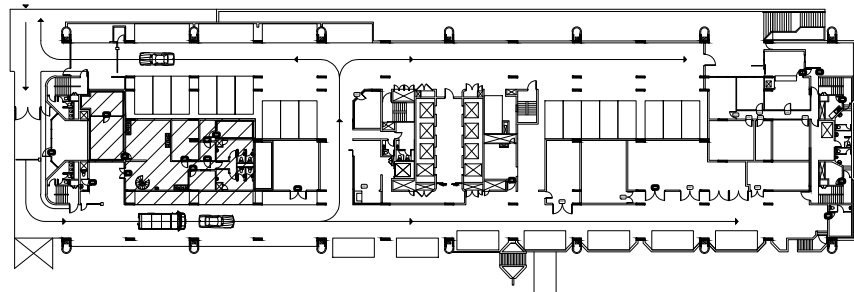
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REG. NO. DATE

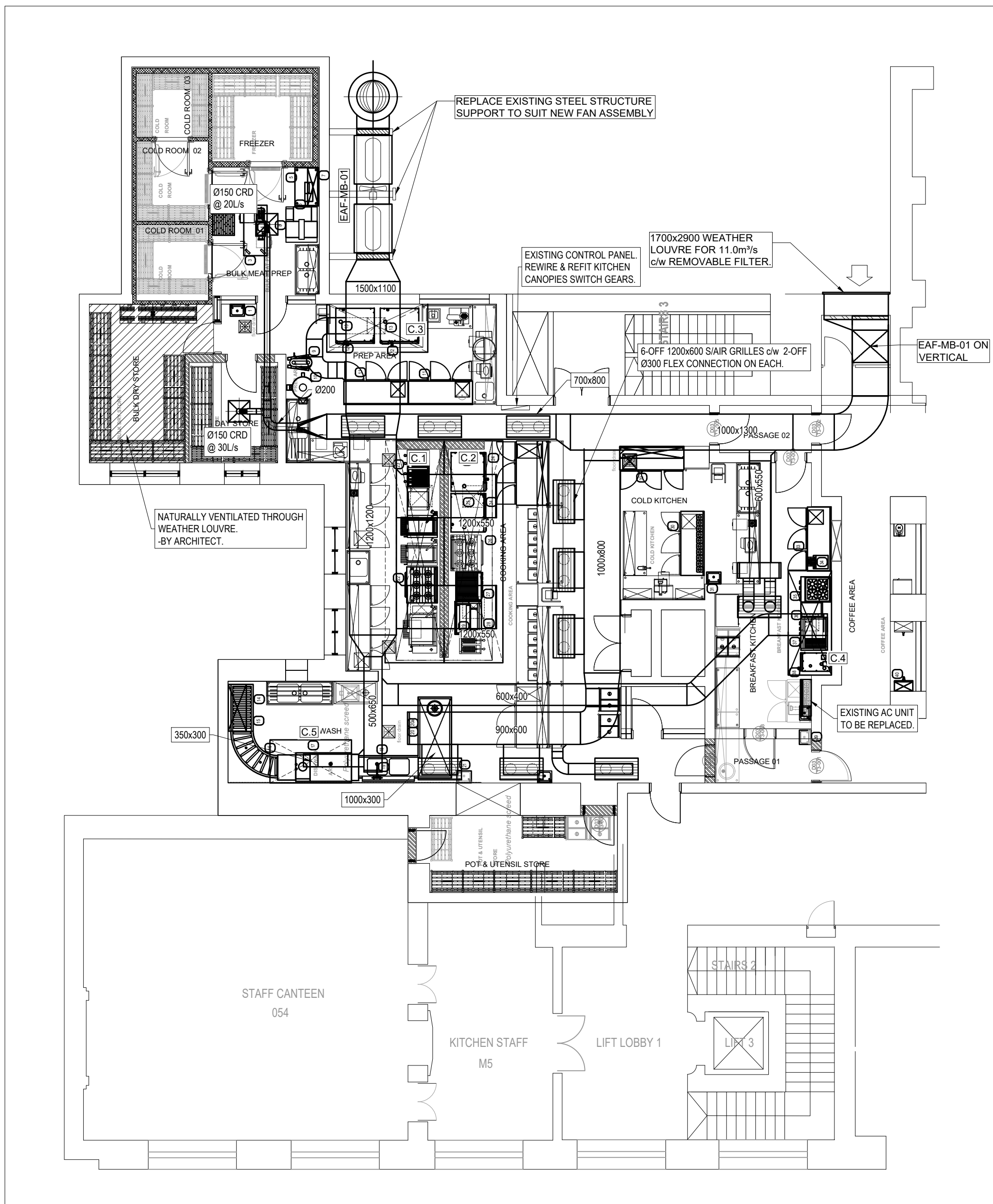
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DESIGNED NJW CHECKED A.M

PLAN NUMBER REVISION NO. DATE SAVED

33547.01-740-01 T0 Thursday, June 09, 2022

- KEY PLAN -





MARKS BUILDING - GROUND FLOOR
SCALE 1:100

CANOPY SCHEDULE

| CANOPY REFERENCE NUMBER | C-1 & C2 | C-3 | C-4 | C-5 |
|----------------------------------|---------------|---------------|---------------|------------------|
| SERVING | COOKING AREA | PREP AREA | BREAKFAST | DISHWASHING AREA |
| QUANTITY | 2 | 1 | 1 | 1 |
| SIZE (LxBxH) mm | 6200x1600x600 | 2800x1300x600 | 2900x1200x600 | 2650x1200x600 |
| EXTRACT AIR VOLUME (m³/s) | 4.960 | 1.274 | 1.740 | 0.795 |
| HEIGHT ABOVE FINISHED FLOOR (mm) | 2100 | 2100 | 2100 | 2100 |
| FIRE DAMPER (YES / NO) | NO | YES | NO | NO |
| GREASE FILTERS (YES / NO) | YES | YES | YES | YES |
| LIGHT (YES / NO) | YES | YES | YES | YES |
| FIRE SUPPRESSION | YES | NO | YES | NO |

NOTES:

- FIRE SUPPRESSION BOX LOCATION TO BE CONFIRMED WITH VENDOR
- POWER TO CANOPY LIGHT BY OTHERS
- WATER POINT TO CANOPY BY OTHERS
- CANOPIES TO BE CAPTURE JET TYPE
- CANOPY ON/OFF SWITCH BY OTHERS

VENTILATION FAN SCHEDULE

| FAN REFERENCE NUMBER | EAF-MB-01 |
|----------------------------|--------------------|
| AREA SERVED | MARKS BUILDING |
| FAN TYPE | AXIAL |
| AIR VOLUME (m³/s) | 13.73 |
| SIZE (Ø mm) | 1250 |
| STATIC PRESSURE (Pa) | 320 |
| MOTOR (kW) | 8 |
| SPEED - MAXIMUM (rpm) | 1440 |
| SOUND ATTENUATORS | MELINEX LINED 1.50 |
| POWER SUPPLY (V / Ph / Hz) | 400 / 3 / 50 |

NOTES:

- FAN PRESSURES INDICATED ARE FOR TENDERING PURPOSES ONLY.
- THE CONTRACTOR SHALL DETERMINE FINAL PRESSURES, ONCE EQUIPMENT HAS BEEN SELECTED.

GENERAL NOTES:

- SHEET METAL DUCTING MUST BE GALVANISED MILD STEEL, WITH MEZZ-FLANGES. ALL HVAC EQUIPMENT TO BE ADEQUATELY SUPPORTED AT REGULAR INTERVALS WITH SUITABLE THREADED ROD AND ANGLE BAR AS PER SABS 0193
- ALL DUCTWORK JOINTS MUST BE PROPERLY SEALED AND AIRTIGHT.
- ALL DOORS TO TOILETS WITH MECHANICAL VENTILATION TO BE UNDERCUT MINIMUM 20mm.
- THE HVAC CONTRACTOR TO WIRE BETWEEN THE HVAC EQUIPMENT AND HVAC DB OR ISOLATOR.
- ALL ARTIFICIAL VENTILATION SYSTEMS MUST NOT EMIT A NOISE LEVEL OF WHICH CAUSE THE AMBIENT NOISE LEVEL TO EXCEED 50DBA MEASURED AT THE BOUNDARY OF PROPERTY.
- ALL EQUIPMENT MUST BE MOUNTED ON ANTI-VIBRATION MOUNTINGS.
- AC UNITS FINAL POSITIONS TO BE INSTALLED TO ARCHITECT'S DIMENSIONS AS PART OF CO-ORDINATION.
- ACCESS HATCHES POSITIONS TO ARCHITECT'S CO-ORDINATED CEILING LAYOUT.
- FINAL DIFFUSER POSITIONS AS PER ARCHITECT'S CO-ORDINATED CEILING LAYOUT - COLOUR TO ARCHITECT'S SPECIFICATION.
- FINAL WEATHER LOUVRE POSITIONS AS PER ARCHITECT'S ELEVATION DRAWINGS COLOUR TO ARCHITECT'S SPECIFICATION.
- ALL FIRE DAMPERS MUST BE 350mm LONG ELECTROVENT OR EQUAL AND APPROVED.
- ALL WASHABLE FILTERS MUST BE INSTALLED WITH PLEATS IN THE VERTICAL.
- SOUND ATTENUATORS MUST HAVE 100mm OR 150mm AIRGAPS WITH LENGHTS AS INDICATED.

NOTES TO BUILDER:

- BUILDER TO PROVIDE PENETRATIONS THROUGH CONCRETE SLABS & BRICK WALLS FOR HVAC EQUIPMENT AND MAKE GOOD AFTER INSTALLATION OF HVAC EQUIPMENT.
- FIRE STOPPING & SEALING OF ALL DUCT & PIPE ENTRIES TO ARCHITECT'S DETAIL.
- ALL WEATHER LOUVRE PENETRATIONS THROUGH WALLS MUST BE COMPLETE WITH 25mm TIMBER FRAME FOR THE SCREW FIXING OF WEATHER LOUVRES & GRILLES.
- DOOR GRILLES - 1100x300 (UNLESS NOTED OTHERWISE) SUPPLIED BY AIR-CONDITIONING CONTRACTOR AND CUT AND FITTED - BY BUILDER.

NOTES TO ELECTRICAL CONTRACTOR:

- PROVIDE POWER SUPPLY TO ALL HVAC DB'S & ISOLATORS AS INDICATED ON DRAWING COMPLETE WITH CONDUITS, DRAW-WIRES & JUNCTION BOXES.
- ELECTRICAL POWER SUPPLIES & ISOLATORS TO BE PROVIDED WITHIN A METER OF HVAC EQUIPMENT.
- ISOLATORS TO FAN COIL UNITS AND FANS TO BE IN CEILING SPACE WITHIN A METER OF HVAC EQUIPMENT.

TO PLUMBING SUB-CONTRACTOR:

- PLUMBER TO PROVIDE TRAPS IN CEILING CONNECTED TO SEWER SYSTEM FOR CONDENSATE DRAINS - REFER TO DETAIL.
- CONDENSATE DRAINS FROM AC UNITS TO A TRAP IN CEILING BY AC CONTRACTOR
- CONDENSATE DRAIN PIPES TO FOLLOW THE SHORTEST POSSIBLE ROUTE AS DETERMINED ON SITE. ACCEPTABLE FALL 1:80 MIN AND SIZES TO BE AS SHOWN ON PLAN LAYOUT.

KITCHEN EXTRACT CANOPIES

- ALL INTERNAL CANOPY MATERIALS TO BE GRADE 304LSS.
- ALL EXTERNAL SHEET METAL WORK & FASTENERS OF CANOPIES TO BE 316SS.
- ALL DIMENSIONS TO BE CHECKED ON SITE. FABRICATION DRAWINGS TO BE SUBMITTED BY CONTRACTOR TO ENGINEER FOR APPROVAL, PRIOR TO INSTALLATION.
- ALL PLATE TO BE 0.9mm THICK.
- FILTERS TO BE RATED AS A FIRE TRAP.
- ALL CANOPIES TO BE FITTED WITH FIRE DAMPERS AND EXTRACT DUCTING BENDS TO HAVE ACCESS PANELS FOR CLEANING, ALL DUCTING MUST BE SEALED AND TAPED.
- EXTRACTION OVER FACE OF CANOPY TO BE 0.5 l/s.
- CANOPY EXTRACT FAN ATTENUATORS AS SPECIFIED.

FANS

- FANS AND ATTENUATORS TO BE SELECTED FOR NOISE LEVELS NOT GREATER THAN 45 dBA @ 3m FROM FAN.

SYMBOL LEGEND

| | |
|--|---|
| | ISOLATOR AND ELECTRICAL SUPPLY: 380 VOLT/ 3-PHASE. |
| | INDICATED D/B BOARD. |
| | ELECTRICAL POWER SUPPLY: 220V/SINGLE PHASE. |
| | DOORS TO BE UNDERCUT BY 20mm |
| | MAINS WATER SUPPLY: WITH GATE VALVE-SIZE AS NOTED |
| | DRAIN: NB 100, CONNECTED INTO SEWER SYSTEM. |
| | FIRE DAMPER - MOTORISED SPRING RETURN |
| | UNINSULATED DUCTING |
| | INTERNALLY INSULATED DUCTING |
| | EXTERNALLY LAGGED DUCTING |
| | REMOTE ON/OFF SWITCH - 100 x100 WALL BOX WITH 25mm CONDUIT INTO CEILING VOID. |
| | BMS TEMPERATURE SENSOR |
| | THERMOSTAT (MASTER DIFFUSER) |

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Registration no. 1566/2001/15/107

CLIENT



PARLIAMENT PRECINCT KITCHEN REPLACEMENT OF EQUIPMENT

DRAWING TITLE

MARKS BUILDING GROUND FLOOR KITCHEN VENTILATION LAYOUT

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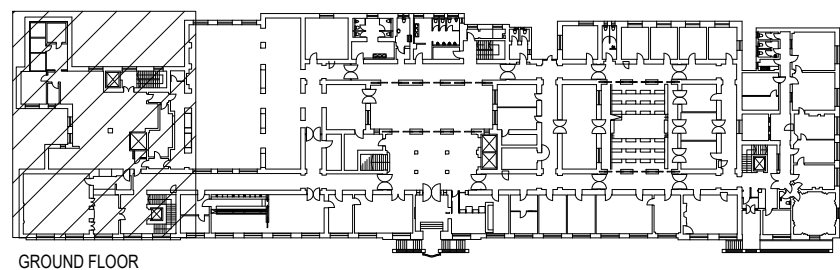
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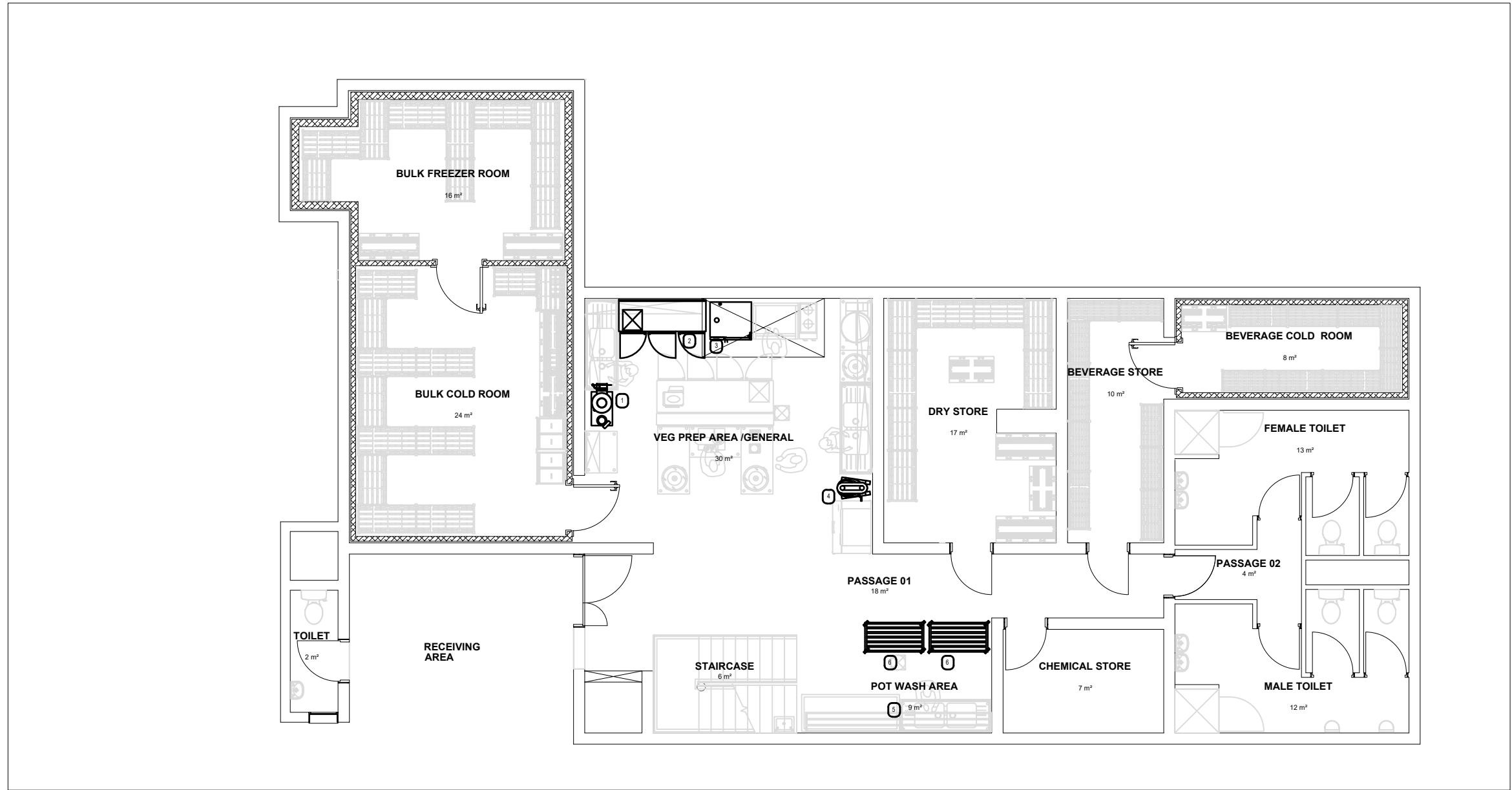
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DESIGNED N.MOLEEJANE CHECKED A.MALGAS

PLAN NUMBER REVISION NO. DATE SAVED

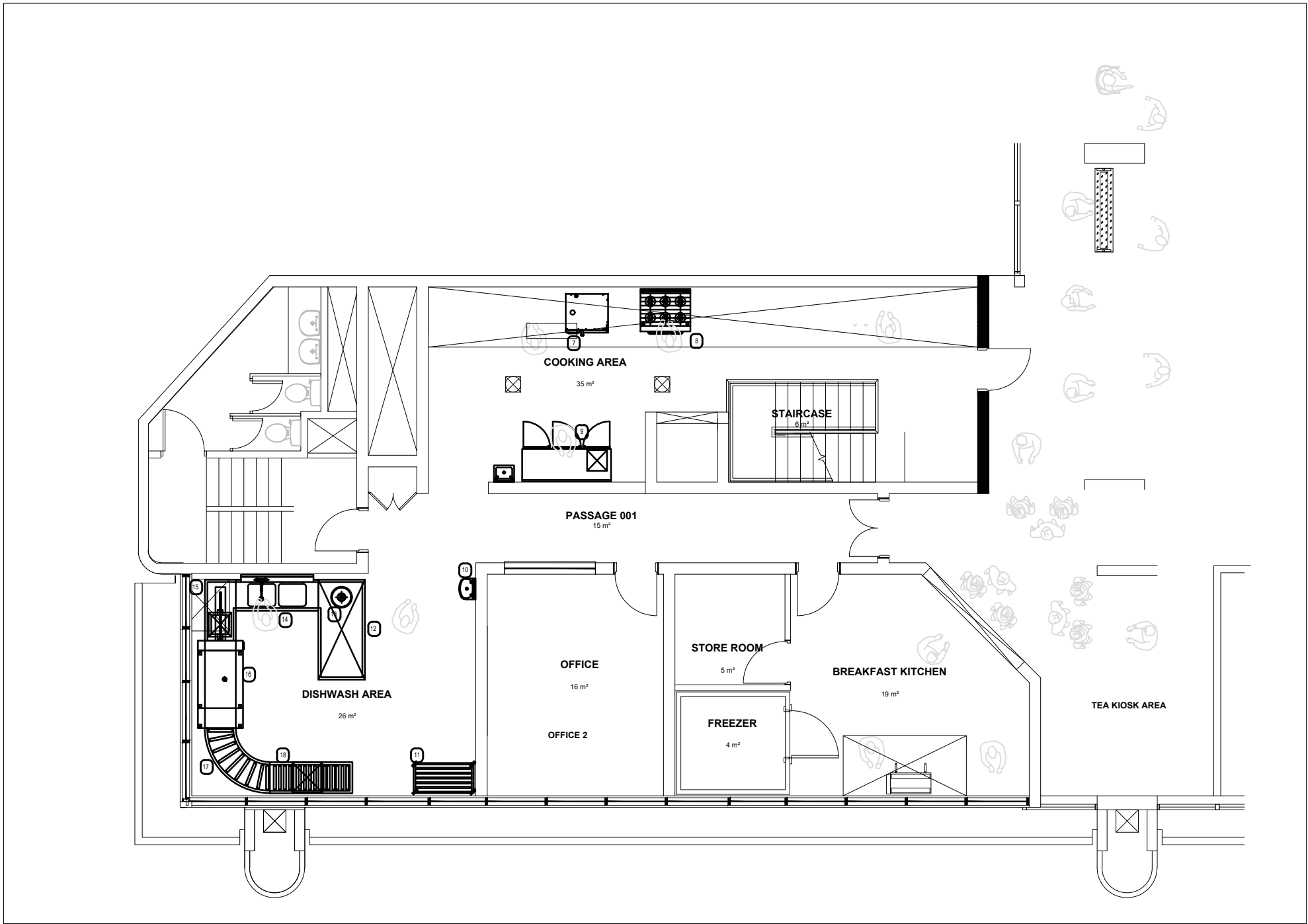
33547.01-740-03 T0 Thursday, June 09, 2022

- KEY PLAN -





GROUND FLOOR
SCALE 1:100



FIRST FLOOR
SCALE 1:100

EQUIPMENT SCHEDULE:

ITEM QTY DIMENSIONS DESCRIPTION

PREP AREAS -

1. 1 POTATO PEELER
2. 1 1780x650 2.5 DOOR U/BAR FRIDGE SBR
3. 1 847x771 CM101 10 PAN COMBI STEAMER ON STAND COMES WITH WATER FILTER
4. 1 20 LITRE PLANETARY MIXER

POT WASH -

5. 1 S/S WASH HAND BASIN
6. 2 1200x600 MOBILE POT RACK

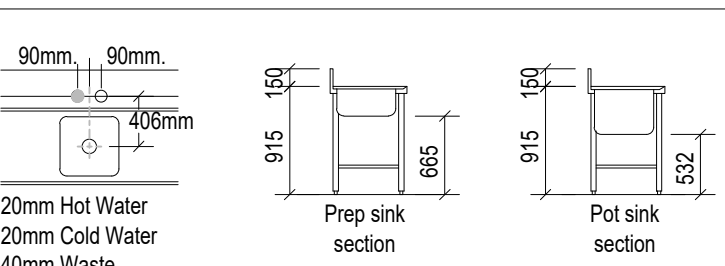
1st FLOOR COOKING -

7. 1 847x771 CM101 &61 10 PAN COMBI STEAMER STACKED WITH 6 PAN C/W WATER FILTER
8. 1 1000x850 R-G6 6 OPEN BURNER GAS RANGE WITH OVEN
9. 1 1780x650 2.5 DOOR U/BAR FRIDGE SBR

SCULLERY -

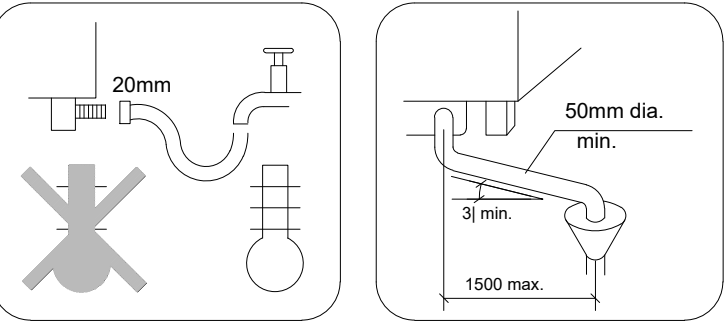
10. 1 1200x600 S/S WASH HAND BASIN
11. 1 1200x600 MOBILE POT RACK
12. 1 2000x930 S/S WOUBLE DIRTIES ANGLED DUMP TABLE WITRH WASTE DISPOSAL CONE
13. 1 3HP WASTE DISPOSAL MACHINE
14. 1 1650x620 S/S PRE WASH SINK WITH OVERHEAD SPRAY UNIT
15. 1 1200x620 S/S ANGLED POWER LOADER
16. 1 1750x900 COMENDA AC2E RACK ADVANCING DISHWASHER
17. 1 1300x1300 90 DEGREE ROLLER OUTLET TABLE
18. 1 1650x620 S/S ROLLER OUTLET TABLE

TYPICAL VIEW OF SINK UNITS



COMBI STEAMER DETAILS

- * 12mm Cold water pressure hose with 20mm coupling.
- * Hose to be connected to stopcock.
- * In-line filter to be fitted.
- * 50mm Drain pipe (not hose pipe) to be straight (no bends) and positioned over centre of draining funnel.
- * Waste water temp. 65 deg.C (approx.)
- * Water consumption at 3 Bar averages 0.7 l/min
- * First 1000mm of waste pipe to be copper



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Registration no. 1989/0015767

CLIENT



PROJECT

PARLIAMENTARY PRECINCT
90 PLEIN STREET

DRAWING TITLE

GROUND AND FIRST FLOOR
KITCHENS EQUIPMENT UPGRADE

APPROVED BY BVI

200970062 03/06/2022

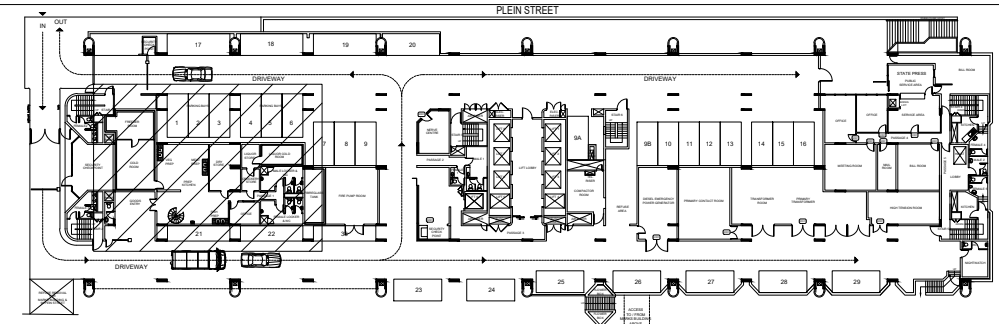
ENGINEER/TECHNOLOGIST REG. NO. DATE

SCALE 1:100 @A1 DRAWN W THOMPSON

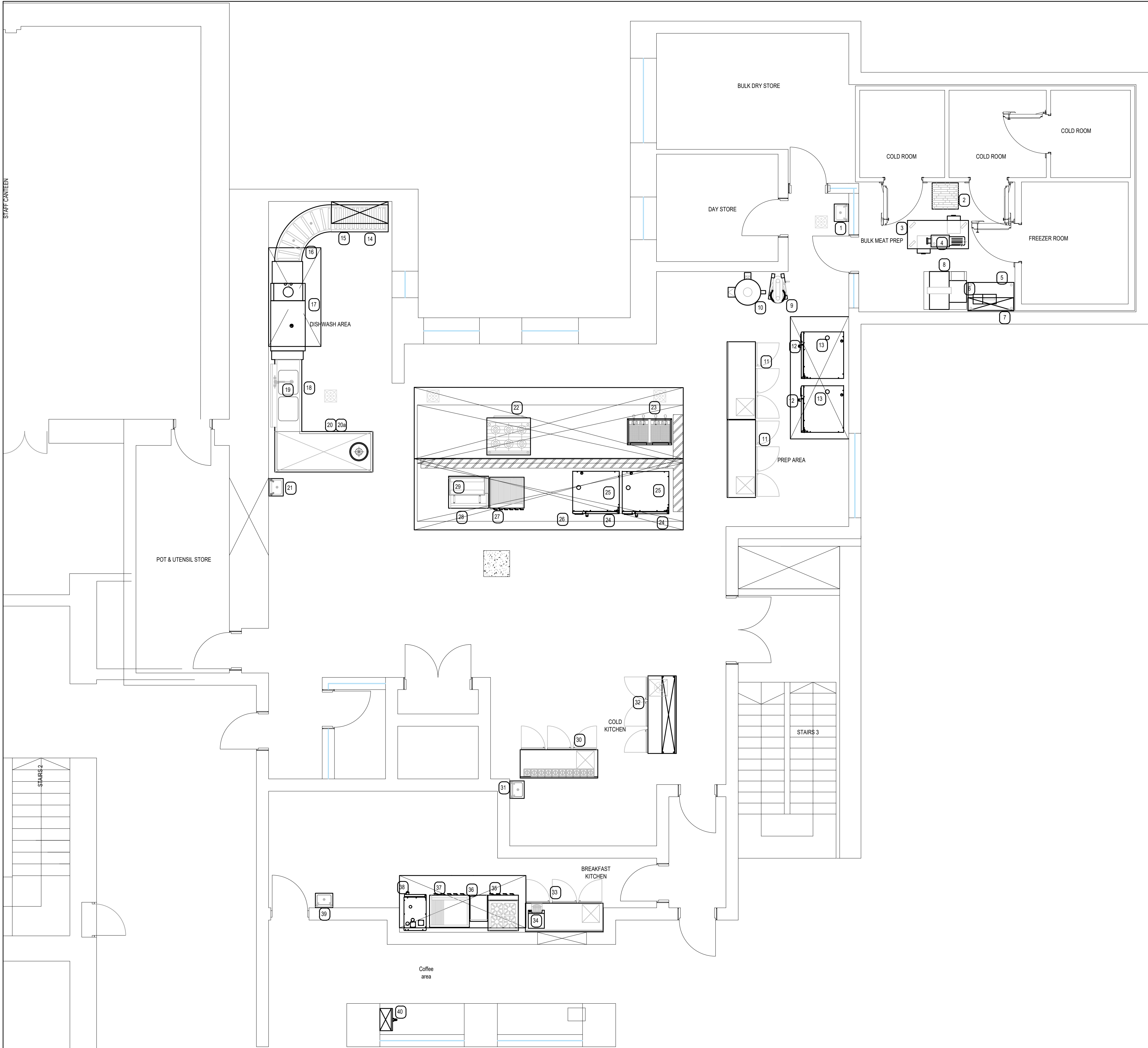
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PLAN NUMBER REVISION NO. DATE SAVED

33547.01-760-01 T0 3 June 2022

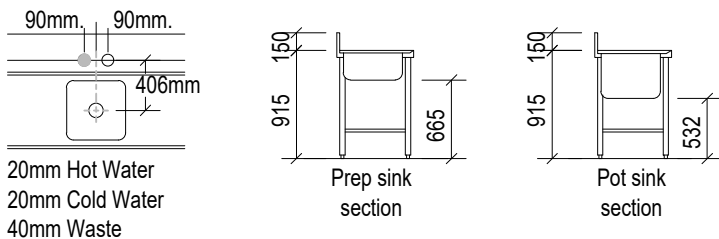


- KEY PLAN -



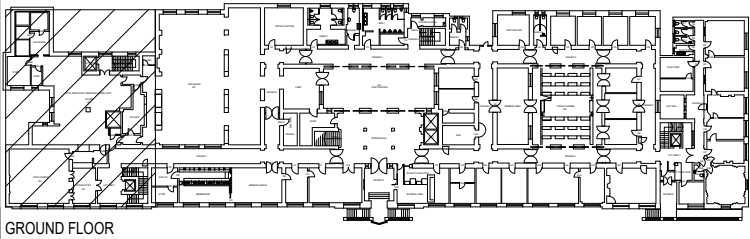
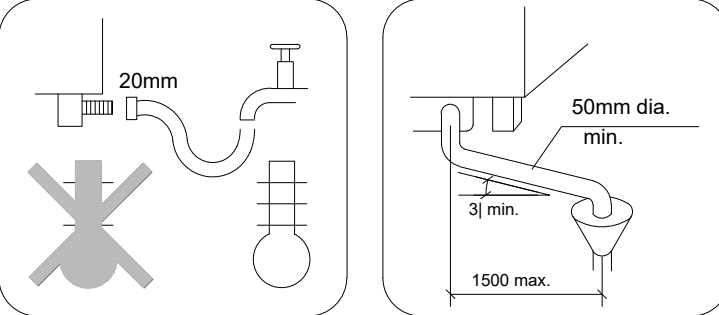
GROUND FLOOR
SCALE 1:40

TYPICAL VIEW OF SINK UNITS



COMBI STEAMER DETAILS

- * 12mm Cold water pressure hose with 20mm coupling.
- * Hose to be connected to stopcock.
- * In-line filter to be fitted.
- * 50mm Drain pipe (not hose pipe) to be straight (no bends) and positioned over centre of draining funnel.
- * Waste water temp. 65 deg.C (approx.)
- * Water consumption at 3 Bar averages 0.7 l/min
- * First 1000mm of waste pipe to be copper



- KEY PLAN -

FOR TENDER

APPROVED BY COUNCIL / CLIENT

CITY ENGINEER / CLIENT REG. NO. DATE

AMENDMENT'S CODE

A,B,C... : BEFORE TENDER
TO : TENDER DRAWING
0,1,2... : AFTER TENDER
Z : AS BUILT

/A : BY CLIENT
/B : BY ARCHITECT
/C : BY MECHANICAL OR ELECTRICAL
/D : BY BVI
/E : BY OTHER ()

DATE INITIAL No./CODE REVISION DESCRIPTION

09/06/2022 W.T. T/O/D DRAWING ISSUED FOR TENDER

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CLIENT



PROJECT

PARLIAMENTARY PRECINCT
MARKS KITCHEN

DRAWING TITLE

GROUND FLOOR
KITCHEN EQUIPMENT UPGRADE

APPROVED BY BVI

ENGINEER/TECHNOLOGIST REG. NO. DATE

SCALE 1:50 @ A1 DRAWN W THOMPSON

DESIGNED N MOLEEEJANE CHECKED MA MALGAS

PLAN NUMBER REVISION NO. DATE SAVED

33547.01-760-01 T0 24 May 2022

EQUIPMENT SCHEDULE:

| ITEM | QTY | DIMENSIONS | DESCRIPTION |
|------------------|-----|------------|---|
| 1. | 1 | | S/S WASH HAND BASIN |
| BULK MEAT PREP - | | | |
| 2. | 1 | | BUTCHERS BLOCK |
| 3. | 1 | 1400x650 | S/S MOBILE TABLE WITH GALV UNDERSHELF & 2 X CHEF DRAWERS |
| 4. | 1 | | NO.32 MINCER |
| 5. | 1 | 1050x650 | S/S TABLE SBR WITH GALV UNDERSHELF |
| 6. | 1 | | SKYMSSEN MEAT TENDERISER |
| 7. | 1 | 1050x300 | S/S 2 TIER WALL SHELVEING |
| 8. | 1 | | BAND SAW |
| 9. | 1 | | 20 LITRE PLANETARY MIXER |
| 10. | 1 | | 30 Kg POTATO PEELER |
| 11. | 2 | 1780x650 | 2.5 DOOR U/BAR FRIDGE SBR |
| 12. | 2 | 1069x971 | CM102 20 PAN COMBI STEAMER COMES WITH WATER FILTER |
| 13. | 2 | 1069x971 | CM62 12 PAN COMBI STEAMER COMES WITH WATER FILTER - STACKED WITH ITEM #12 |
| 14. | 1 | 1300x620 | S/S ROLLER OUTLET TABLE WITH BASKET RUNNERS UNDER |
| 15. | 1 | 1300x500 | S/S SINGLE TIER WALL SHELVEING |
| 16. | 1 | 1300x1300 | S/S 90DEGREE ROLLER OUTLET TABLE |
| 17. | 1 | 2250x790 | COMENDA AC2E-PS RACK ADVANCING DISHWASHER |
| 18. | 1 | 1650x620 | S/S DOUBLE BOWL PRE WASH SINK |
| 19. | 1 | | OVERHEAD SPRAY UNIT |
| 20. | 1 | 2250x930 | S/S DOUBLE DIRTIES ANGLED DUMP TABLE WITH SCRAPEHOLE |
| 20a. | 1 | | 3Hp WASTE DISPOSAL UNIT - C/W SILVER SAVER |
| 21. | 1 | | S/S WASH HAND BASIN |
| 22. | 1 | 1000x850 | R-G6 6 OPEN BURNER GAS RANGE WITH OVEN |
| 23. | 1 | 1015x600 | DPF 2/20 DOUBLE 20 LITRE DEEP FRYER |
| 24. | 2 | 1069x971 | CM102 20 PAN COMBI STEAMER COMES WITH WATER FILTER |
| 25. | 2 | 1069x971 | CM62 12 PAN COMBI STEAMER COMES WITH WATER FILTER - STACKED WITH ITEM #24 |
| 26. | 1 | 1000x850 | R -G6 6 OPEN BURNER GAS RANGE WITH OVEN C/W RANGE MOUNT STACKED WITH ITEM #24 |
| 27. | 1 | 860x650 | 6 BURNER CHAR GRILL |
| 28. | 1 | 915x725 | FTG-10 FLAT TOP GRILL |
| 29. | 1 | 895x420 | SG-1 ELECTRIC SALAMANDER |
| 30. | 1 | 1780x650 | 2.5 DOOR PIZZA BACK U/BAR FRIDGE SBR |
| 31. | 1 | | S/S WASH HAND BASIN |
| 32. | 1 | 1780x650 | 2.5 DOOR U/BAR FRIDGE SBR & 3 TIER COLD PASS |
| 33. | 1 | 1780x650 | 2.5 DOOR U/BAR FRIDGE SBR |
| 34. | 1 | | CONVEYOR TOASTER |
| 35. | 1 | 700x815 | 4 BURNER BOILING TABLE |
| 36. | 1 | 400x600 | VISION WORK STATION ON STAND |
| 37. | 1 | 915x735 | FTG-10 GAS FLAT TOP GRILL 1/3 RIBBED |
| 38. | 1 | | RATIONAL SCC SLIMLINE COMPACT SELF COOKING CENTRE ON STAND - C/W WATER FILTER |
| 39. | 1 | | S/S WASH HAND BASIN |
| 40. | 1 | | 25 LITRE ZIP HYDROBOIL |

Part C3: Scope of Work

Scope of Work

PG-01.2 (EC) SCOPE OF WORKS – JBCC 2000 PRINCIPAL BUILDING AGREEMENT (Edition 6.2 of May 2018)

| | | | |
|-------------------------------|--|----------------------|------------|
| Project title: | CAPE TOWN: PARLIAMENTARY PRECINCT: UPGRADING AND RECONFIGURATION OF VARIOUS KITCHENS INCLUDING REPLACEMENT OF EQUIPMENT AND ASSOCIATED WORKS | | |
| Tender / Quotation no: | CPT1006/22 | Reference no: | WCS 054967 |

C3. Scope of Works

C3.1 EXTENT OF THE WORKS

Alterations and additions to 2 existing kitchens within the Parliamentary precinct, incl tiling, sanitary fittings etc, electrical installations, mechanical installation and the replacement of existing Kitchen Equipment and Cold/ Freezer Rooms. One Kitchen is for the supply and installation of Kitchen Equipment and Cold/ Freezer rooms only.

C3.2 ORDER OF THE WORKS

The works will be carried out in phases with Phase 1 being the Supply and Installation of Kitchen equipment, Cold/ Freezer rooms etc in the Old Assembly Kitchen, followed by the Alterations, Additions and Renovations to the Marks and 90 Plein Street Kitchens, including supply and installation of Kitchen Equipment, Cold/ Freezer Rooms etc.

C3.3 BUILDINGS OCCUPIED

The Parliamentary Precinct will be occupied throughout the contract, and.

C3.4 ACCESS

The contractor will have to adhere to restricted access areas and specific access points to site. These will be pointed out to the contractor.

Standard for Minimum Requirements for Engaging Contractors and Sub-Contractors on Construction Works Contracts, Government Gazette No. 42021 of 9 November 2018.

C3.5 STANDARD MINIMUM REQUIREMENTS

In terms of section 5(2) of the Construction Industry Development Board Act, 2000 (Act no. 38 of 2000) (the Act), the Construction Industry Development Board is empowered to establish and promote best practice standards, Standard Requirements and Guidelines which includes the following but not limited to:

C3.5.1 cidb Best Practice: Green Building Certification, No. 34158 Government Gazette, 1 April 2011

C3.5.2 cidb Standard for Developing Skills through Infrastructure Contracts, No. 36760 Government Gazette, 23 August 2013

C3.5.3 cidb Standard for Indirect Targeting for Enterprise Development through Construction Works Contracts, No 36190 Government Gazette, 25 February 2013

C3.5.4 Preferential Procurement Policy Framework Act, 2000: Preferential Procurement Regulations, 2017, No. 40553 Government Gazette, 20 January 2017

C3.5.5 cidb Standard for Contract Participation Goals for Targeting Enterprises and Labour through Construction Works Contracts, No. 41237 Government Gazette, 10 November 2017

- C3.5.6 cidb Standard for Minimum Requirements for Engaging Contractors and Sub-Contractors on Construction Works Contracts, No. 41237 Government Gazette, 10 November 2017
- C3.5.7 cidb Standard for Minimum Requirements for Engaging Contractors and Sub- Contractors on Construction Works Contracts, No. 42021 Government Gazette, 9 November 2018
- C3.5.8 cidb Standard for Developing Skills through Infrastructure Contracts, No. 43495 Government Gazette, 3 July 2020

C3.6 CONTRACT PARTICIPATION GOALS AND CIDB BUILD PROGRAMME

The contractor shall achieve in the performance of the contract the following Contract Participation Goals (CPGs) as indicated below. Provision for pricing of compliance with the achieving the CPGs is made in the Contract Participation Goal Section of the Bills of Quantities and it is explicitly pointed out that all requirements in respect of the aforementioned are deemed to be priced thereunder and no additional claims in this regard shall be entertained:

C3.6.1 Minimum Thirty Percent (30%) Mandatory Sub-contracting Contract Participation Goal

MINIMUM THIRTY PERCENT (30%) MANDATORY SUBCONTRACTING TO SMMEs: IMPLEMENTATION OF PREFERENTIAL PROCUREMENT REGULATIONS 2017

30% Mandatory subcontracting is *Not Applicable* to this project.

It is the requirement of the employer that the contractor enhances the use of local Small, Micro and Medium Enterprises (SMME's) in executing this contract, irrespective whether the thirty percent (30%) Participation Goal is applicable or not.

The thirty percent (30%) mandatory Sub-contracting shall be achieved in the execution of the contract in accordance with the Preferential Procurement Policy Framework Act, 2000: Preferential Procurement Regulations, 2017 as published in the Government Gazette Notice No. 40553 of 20 January 2017.

- (a) SMME's involvement of at least five percent (5%) of the tender amount at the time of tender to be sourced from within 50km radius of the project site with the intention to maximize use of local SMMEs within City of Cape Town Municipal District, Western Cape.
- (b) SMME's involvement of at least twenty five percent (25%) of the Tender Value to be sourced from within 250km radius of the project site.

Bidders are cautioned not to under-price items earmarked to be executed by SMMEs as adjustment to too low rates will not be entertained by the Employer.

Bidders to sub-contract a minimum of thirty percent (30%) of the tender amount including VAT at the time of tender (All inclusive, Including VAT). to any one or more of the following categories:

- a. An EME or QSE
- b. An EME or QSE which is at least 51% owned by black people
- c. An EME or QSE which is at least 51% owned by black people who are youth
- d. An EME or QSE which is at least 51% owned by black people who are women
- e. An EME or QSE which is at least 51% owned by black people with disabilities
- f. An EME or QSE which is at least 51% owned by black people living in rural or underdeveloped areas or townships
- g. A co-operative which is at least 51% owned by black people
- h. An EME or QSE which is at least 51% owned by black people who are Military veterans
- i. More than one of the categories referred to in paragraphs (a) to (h).

Bidders to refer to the CSD for a list of prospective sub-contractors provided with the tender. The bidder may refer to the CSD website should the list provided be insufficient.

Bidders must ensure that the sub-contractors conform to the following:

- a. Possess relevant accreditation where applicable;
- b. Be registered with relevant bodies (CIDB, various Councils, etc.) where applicable;
- c. Possess necessary capabilities to deliver the sub-contracted work;
- d. Meet the requirements in terms of the stipulated designated groups; and
- e. Geographical located at the place where the project will be delivered. Geographical location must be determined using the following criteria:
 - Relevant Ward. If not available;
 - Relevant neighbouring Wards. If not available;
 - Relevant Local Municipality. If not available;
 - Relevant District Municipality. If not available;
 - Relevant Metro. If not available;
 - Relevant Province. If not available;
 - Relevant Neighbouring Province. And If not available;
 - Anywhere within the borders of South Africa .

It is the bidder's responsibility to source alternative SMMEs should the parties with whom agreements were entered into at the time of tendering either no longer exist or do not perform or render work of an acceptable standard, subject to the approval by the Employer. Failure to achieve the minimum thirty percent (30%) SMME participation based on the tender amount including VAT, will result in a two percent (2%) penalty on the amount of work on which there is no compliance (Excluding VAT), unless the contractor can prove to the Employer's satisfaction that the non-achievement was beyond his/her control.

The bidder shall submit monthly reports in terms of monthly achievement and accumulative targets achieved including audited supporting documentation to the Employer's Representative.

C3.6.2 Minimum Targeted Local Material Manufacturer Contract Participation Goal

The Minimum Targeted Local Building Material Manufacturers CPG is *Not applicable* to this project.

It is the requirement of the employer that the contractor enhances the use of local Small, Micro and Medium Enterprise Local Material Manufacturers (SMME's) in executing this contract, irrespective whether a minimum percentage Participation Goals is applicable or not.

The Minimum Targeted Local Manufacturers of Material Contract Participation Goal, in accordance with the cidb Standard for Contract Participation Goals for Targeting Enterprises and Labour through Construction Works Contracts as published in the Government Gazette Notice No. 41237 of 10 November 2017, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020.

A Targeted Local Material Manufacturer is a targeted enterprise that operates or maintains a factory or establishment that produces on its premises materials or goods required by the principal contractor for the performance of the contract.

Note: Adapted from SANS 10845-7:2015, definition 2.13

Preference shall be given to the Targeted Local Material Manufacturer in **"South Africa"**, and provided that:

- (a) Such materials comply in all respects with the specific requirements of PW371 and SANS specifications,
- (b) The non-availability of such materials shall not adversely affect the desired progress of the specific works,

- (c) The use of such suppliers shall not constitute grounds for any claim for increased cost in respect thereof,
- (d) Materials of at least **two percent (2%)** of the total value of materials purchased including VAT to be sourced from within 50km radius of the project site,
- (e) Material of at least **eight percent (8%)** of the total value of materials purchased including VAT to be sourced from within **250km** radius of the project site.

Failure to achieve the minimum **ten percent (10%)** Targeted Local Material Manufacturer participation expressed as a percentage of the original tender amount, excluding allowances and VAT, will result in a **two percent (2%)** penalty of the prorated targeted value of materials not complied with unless the contractor can prove to the Employer's satisfaction that the non-achievement was beyond his/her control.

Example: Total material to be purchased from local manufacturers = R 10 Million and only achieved a R8 Million CPG then the penalty = R2 Million x 2%. The bidder shall submit monthly reports in terms of monthly achievement and accumulative targets achieved including audited supporting documentation to the Employer's Representative.

C3.6.3 Minimum Targeted Local Building Material Suppliers Contract Participation Goal

The Minimum Targeted Local Building Material Suppliers CPG is *not applicable* to this project.

It is the requirement of the employer that the contractor enhances the use of local Small, Micro and Medium Enterprise Local Material Suppliers (SMME's) in executing this contract, irrespective whether a minimum percentage Participation Goals is applicable or not.

The Minimum Targeted Local Manufacturers of Material Contract Participation Goal shall be achieved in accordance with the cidb Standard for Contract Participation Goals for Targeting Enterprises and Labour through Construction Works Contracts as published in the Government Gazette Notice No. 41237 of 10 November 2017, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract..

A targeted supplier is a targeted enterprise that

- a) owns, operates or maintains a store, warehouse or other establishment in which goods are bought, kept in stock and regularly sold to wholesalers, retailers or the public in the usual course of business; and
- b) engages, as its principal business and in its own name, in the purchase and sale of goods.

Note: Adapted from SANS 10845-7:2015, definition 2.14

Preference shall be given to the local material suppliers in the **"South Africa"**, and provided that:

- (a) Such materials comply in all respects with the specific requirements of PW371 and SANS specifications,
- (b) The none availability of such materials shall not adversely affect the desired progress of the specific works,
- (c) The use of such suppliers shall not constitute grounds for any claim for increased cost in respect thereof,
- (d) Materials of at least **2%** of the total value of materials purchased including VAT to be sourced from within **50km** of the project site,
- (e) Material of at least **8%** of the total value of materials purchased including VAT to be sourced from within **250km** of the project site.

Failure to achieve the minimum **ten percent (10%)** Targeted Local Material Manufacturer participation expressed as a percentage of the original tender amount, excluding allowances and VAT, will result in a **two percent (2%)** penalty of the prorated targeted value of materials not complied with, unless the contractor can prove to the Employer's satisfaction that the non-achievement was beyond his/her control.

Example: Total material to be purchased from local manufacturers = R 10 Million and only achieved a R8 Million CPG then the penalty = R2 Million x 2%. The bidder shall submit monthly reports in terms of monthly achievement and accumulative targets achieved including audited supporting documentation to the Employer's Representative.

C3.6.4 Minimum Targeted Local Labour Skills Development Contract Participation Goal

The Minimum Targeted Local Labour Skills Development CPG is *Not applicable* to this project.

It is the requirement of the employer that the contractor enhances the use of local labour in executing this contract. This is required to be done through the use of both traditional building techniques and labour-intensive construction techniques careful and considered construction planning and implemented in the project irrespective whether a minimum percentage Participation Goal is applicable or not.

The Minimum Targeted Local Skills Development Contract Participation Goal shall be achieved in accordance with the cidb Standard for Contract Participation Goals for Targeting Enterprises and Labour through Construction Works Contracts as published in the Government Gazette Notice No. 41237 of 10 November 2017, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract..

Targeted labour: individuals who:

- a) are employed by the principal contractor, sub-contractor or targeted enterprises in the performance of the contract;
- b) are defined as the target group in the targeting data; and
- c) permanently reside in the target area or who are recognized as being residents of the target area on the basis of identification and association with and recognition by the residents of the target area.

Adapted from SANS 10845-7:2015, definition 2.12

Targeting of labour by skills categories is only permissible within categories of semi-skilled and unskilled labour.

Contract participation goals for semi-skilled and unskilled labour shall be limited to on-the-job training to targeted labour to enable such labour to master the basic work techniques required to undertake the work in accordance with the requirements of the contract and in a manner that does not compromise worker health and safety. In the case of targeted labour, the certification of records shall be in accordance with SANS 10845-8.

Beneficiaries will be sourced from the "Insert Ward/s, Municipal District, Town, City, Province". The contractor shall attain or exceed the enterprise development goal in the performance of the contract. Failing to achieve the Participation Goal will result in a thirty percent (30%) penalty of the total labour cost based on labour rates per day of the number of working days not achieved, excluding VAT, for noncompliance, unless the contractor can prove to the Employer's satisfaction that the non-achievement was beyond his/her control.

The bidder shall submit monthly reports in terms of monthly achievement and accumulative targets achieved including audited supporting documentation to the Employer's Representative.

C3.6.5 CIDB BUILD PROGRAMME: Minimum Targeted Enterprise Development Contract Participation Goal

The Minimum Targeted Enterprise Development CPG is *Not applicable* to this project.

The aim of this best practice standard for indirect targeting for enterprise development in accordance with the Standard for Indirect Targeting for Enterprise Development (published in Government Gazette 36190 of 25 February 2013), as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract, is to promote enterprise development by providing for a minimum contract participation goal (CPG) of five percent (5%) of the contract amount as defined in the Standard (Tender amount, excluding allowances and VAT on selected contracts to be undertaken by joint-venture partners or to be sub-contracted to developing contractors that are also to be beneficiaries of enterprise development support from the main contractor.

The bidder shall submit monthly reports in terms of monthly achievement and accumulative targets achieved including audited supporting documentation to the Employer's Representative.

The contractor shall attain or exceed the enterprise development goal in the performance of the contract. Failing to achieve the Participation Goal will result in A) a thirty percent (30%) penalty of the value not achieved, excluding VAT, unless the contractor can prove to the Employer's satisfaction that the non-achievement was beyond his/her control.

The lead partner or main contractor shall dedicate a minimum five percent (5%) of total project value to provide developmental support to targeted subcontractor or joint venture partner applicable to contracts in Grades 7 to 9, General Building and Civil Engineering contracts. Preference will be given to ***(Insert type of enterprises. eg General Building, Electrical, Mechanical, Plumbing, etc. It could be either just one or any combination of all) Enterprises.***

Provision for pricing of compliance with the aforementioned is made in the preliminaries and it is explicitly pointed out that all requirement in respect of the aforementioned are deemed to be priced thereunder and no additional claims in this regard shall be entertained.

C3.6.5.1 Criteria

The main or lead partner of the successful bidder shall:

- (a) There must be a needs analysis for indirect targeting and development or skill standard and should be development in at least any two developmental areas namely;
 - Administrative and cost control systems
 - construction management systems and plans
 - planning, tendering and programming
 - business; technical; procurement skills
 - legal compliance
 - credit rating/history; financial loan capacity/history
 - contractual knowledge
- (b) The above needs analysis shall be mutually agreed upon between contractor and targeted enterprise
- (c) The contractor shall appoint an enterprise development coordinator to:
 - perform needs analysis on the targeted enterprise to identify developmental goals
 - develop a project specific enterprise development plan to improve the targeted enterprise/s performance in the identified developmental areas
 - provide internal mentorship support to improve the targeted enterprise/s performance

- monitor and submit to the employer's representative a monthly enterprise development report thereby reporting on the progress of the agreed development areas with the targeted enterprise/s
- submit a project completion report to the Employer's representative for each targeted enterprise.

C3.6.5.2 Management

The contractor shall provide a competent person/s to provide internal mentorship to the Targeted Enterprise/s in the two agreed developmental areas.

C3.6.5.3 Competence Criteria for an Enterprise Development Co-ordinator

The enterprise development co-ordinator shall have the following competencies:

- Minimum experience of 5 years in the construction industry at Managerial level as a Site Agent, Contracts Manager, Site Manager, Construction Manager, Business Development Manager or Enterprise Development Manager.
- Minimum experience of 2 years in training and development in Building or Construction; and
- National Diploma or B Degree in the Built Environment or Business Management

C3.6.5.4 Format of Communications

The contractor shall submit to the Employer's Representative:

- *Project interim reports* in the specified format (**ED105P**) detailing interim values of the CPG that was achieved together with an assessment of the enterprise development support provided should be tabled and discussed at least monthly at progress meetings between employer's representative and the contractor;
- *Project completion report* in the specified format (**ED101P**) to the Employer's Representative for acceptance within 15 days of achieving practical completion. The report shall include the value of the CPG that was certified in accordance with the contract, cidb registration numbers of each and every targeted enterprise, and the value of the subcontracted works or of the joint venture entered into; and the participation parameter
- *Enterprise development declaration* (**ED104P**).

C3.6.5.5 The Key Personal

The contractor shall appoint an Enterprise Development Co-ordinator and a competent person/s to provide internal mentorship.

C3.6.5.6 Management Meetings

The contractor shall report to the Employer's Representative on the implementation and progress of the targeted enterprise development and CPG at monthly progress site meetings.

C3.6.5.7 Forms for contract administration

The contractor shall submit to the Employer's Representative the following proformas:

- Form ED 105P Project Interim Report
- Form ED 104P Enterprise Development Declaration
- Form ED 101P Project Completion Report

C3.6.5.8 Records

The contractor shall:

- keep records of the targeted enterprise development
- keep records of the payments made to the targeted enterprises in relation to the CPG.
- ensure all the documentation required in terms of the Standard is provided with each monthly progress payment certificate and according to a prescribed format where applicable.

C3.6.5.9 Payment Certificates

The contractor shall:

- achieve the measurable CPG and providing enterprise development support to the targeted enterprise/s as per the Standard.
- submit payment certificates to the Employer Representative at intervals determined in the Contract.

C3.6.5.10 Compliance requirements

Non-compliance with the Best Practice Project Assessment Scheme

The wording of regulation 27A of the cidb regulations makes provision for the Board to enforce the cidb code of conduct in the event of clients being found to be in breach of the best practice project assessment scheme.

- Not including the requirements of the cidb standards in the conditions of tender
- Not registering the award of contract on the cidb Register of Projects (RoP)
- Not reporting practical completion on the cidb Register of Projects (RoP)

3.6.6 **CIDB BUILD PROGRAMME: Minimum Targeted Contract Skills Development Goal (CSDG)**

The Minimum Targeted Contract Skills Development CPG is *Not Applicable* to this project.

The contractor shall achieve or exceed in the performance of the contract the Contract Skills Development Goal (CSDG) established in the Standard for Developing Skills through Infrastructure Contracts (published in Government Gazette No 43495 of 3 July 2020, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract.

Failing to achieve the targeted Contract Skills Development Goal will result in A) a thirty percent (30%) penalty of the value of the portion not achieved, excluding VAT, and B) the issuing of completion certificates only after the completion certificate of achieving the skills development goal, counter-signed by the relevant individuals has been submitted, unless the contractor can prove to the Employer's satisfaction that the non-achievement was beyond his/her control.

The contractor shall apportion the learners in the different construction activities based on the scope of work. The cost of accommodating learners will be determined by using Table 3 in the Standard and this cost will be used to determine the value in Rand and will be added to the provision for training as provided for in the Preliminary and General section in the Bill of Quantities/Pricing schedules/Activity schedule.

C3.6.6.1 Methodology

The contractor shall achieve the measurable contract skills development goal by providing opportunities to learners requiring structured workplace learning using one or a combination of any of the following in relation to work directly related to the contract or order:

Method 1: structured workplace learning opportunities for learners towards the attainment of a part or a full occupational qualification;

Method 2: structured workplace learning opportunities for apprentices or other artisan learners towards the attainment of a trade qualification leading to a listed trade (GG No. 35625, 31 August 2012) subject to at least sixty percent (60%) of the artisan learners being holders of public TVET college qualifications;

Method 3: work integrated learning opportunities for University of Technology or Comprehensive University students completing their national diplomas;

Method 4: structured workplace learning opportunities for candidates towards registration in a professional category by a statutory council listed in Table 1 above.

The contract skills participation goals, expressed in Rand, shall not be less than the contract amount multiplied by a percentage (%) factor given in Table 2 in the Standard for the applicable class of construction works.

Table 2: Contracting skills development goals for different classes of engineering and construction works contracts

| Class of construction works as identified in terms of Regulation 25 (3) of the Construction Industry Regulations 2004 | | Construction skills development goal (CSDG) (%) |
|---|---|---|
| Designation | Description | |
| CE | Civil Engineering | 0.25 |
| CE and GB | Civil engineering and General Building | 0.375 |
| EE | Electrical Engineering works (buildings) | 0.25 |
| EP | Electrical Engineering works (infrastructure) | 0.25 |
| GB | General Building | 0.5 |
| ME | Mechanical Engineering works | 0.25 |
| SB | Specialist | 0.25 |

The contractor shall apportion the learners in the different construction activities based on the scope of work. The cost of accommodating learners will be determined by using Table 3 in the Standard and this cost will be used to determine the value in Rand and will be added to the provision for training as provided for in the Preliminary and General section in the Bill of Quantities/Pricing schedules/Activity schedule.

Table 3: Notional Cost of Training per Headcount

Source: cidb Standard for Skills Development

| Type of Training Opportunity | Provision for stipends (Unemployed learners only) | Provisions for mentorship | Provisions for additional costs* | Total costs | |
|--------------------------------------|---|---------------------------|----------------------------------|---------------------|-------------------|
| | | | | Unemployed learners | Employed learners |
| Method 1 | | | | | |
| Occupational qualification | R7 000 | R0 | R9 000 | R16 000 | R9 000 |
| Method 2 | | | | | |
| TVET College graduates | R14 000 | R0 | R9 000 | R23 000 | N/A |
| Apprenticeship | R14 000 | R0 | R12 000 | R26 000 | R12 000 |
| Method 3 | | | | | |
| P1 and P2 learners | R24 000 | R20 000 | R4 500 | R48 500 | N/A |
| Method 4 | | | | | |
| Candidates with a 3 year diploma | R37 000 | R20 000 | R4 500 | R61 500 | R20 000 |
| Candidates with 4 year qualification | R47 000 | R20 000 | R4 500 | R71 500 | R20 000 |

Note: the required CPG will be recalculated based on the awarded tender amount and "Contract amount" once the beneficiaries have been appointed and actual costs are known. The notional cost of providing training opportunities will increase by CPI on an annual basis based on April CPI. Should the rates increase after bid award or during construction the rates will be adjusted as a remeasuarble item.

- The successful contractor may employ part/full occupational qualification learners, trade qualification learners, work integrated learners or candidates (delete that which is not applicable) directly or through a Skills Development Agency (SDA), (A1 - List of cidb accredited SDAs).
- The successful contractor must employ at least sixty percent (60%) of the learners from an FET / TVET college should the contractor select to have part/full occupational qualification learners and trade qualification learners contributing to the CSDG.
- The successful contractor shall employ at least (insert percentage number) from eligible part/full occupational qualification learners, trade qualification learners, work integrated learners or candidates (delete that which is not applicable) in the employment of the employer.
- The successful contractor shall ensure that no single method shall contribute more than seventy five percent (75%) of the CSDG for the contract.
- The successful contractor may only place thirty three percent (33%) employed employees or that of his subcontractors contributing to the CSDG.
- The contractor shall employ at least sixty percent (60%) of the learners from a Public FET / TVET college should the contractor select to have trade qualification learners (Method 2) contributing to the CSDG.
- One of the objectives of the project is to train (Insert number) Occupational qualifications, trade qualification, work integrated learners – P1 and P2 learners, professional candidates (Delete that which is not applicable).

C3.6.6.2 Management

- The successful contractor must keep site records regarding the part/full occupational qualification learners', trade qualification learners', work integrated learners' or candidates' (delete that which is not applicable) progress, site attendance, hours worked and other relevant information as required by the Standard.
- The successful contractor shall provide the required number of appropriately qualified mentors to the maximum number of part/full occupational qualification learners, trade qualification learners, work integrated learners in the proportion as specified in the Standard.

- (c) The successful contractor shall provide a supervisor to manage the training of the part/full occupational qualification learners, trade qualification learners, work integrated learners, candidates (delete that which is not applicable).
- (d) The successful contractor shall submit to the employer's representative a baseline training plan in the specified format (Pro-forma A2) for the part/full occupational qualification learners, trade qualification learners, work integrated learners, candidates (delete that which is not applicable) within 30 days of start of the contract.
- (e) The successful contractor shall submit to the employer's representative project interim report in the specified format (Pro-forma A3) on the progress of each of part/full occupational qualification learner, trade qualification learner, work integrated learner, candidate (delete that which is not applicable) every three months.
- (f) The successful contractor shall submit to the employer's representative the names and particulars in the specified format (Pro-forma A4) of the supervisor, mentors for the part/full occupational qualification learners, trade qualification learners, work integrated learners or candidates (delete that which is not applicable) within 30 days of start of the contract.
- (g) The successful contractor shall keep a daily record of all the part/full occupational qualification learners, trade qualification learners, work integrated learners, candidates on site and their daily activities and shall be made available to the employer's representative on request.
- (h) The successful contractor shall submit to the employer's representative the reports on the progress and status of the part/full occupational qualification learners, trade qualification learners, work integrated learners or candidates (delete that which is not applicable) with the monthly invoice for the payment certificate.
- (i) The successful contractor shall have health and safety inductions for all part/full occupational qualification learners, trade qualification learners, work integrated learners or candidates (delete that which is not applicable).
- (j) The successful contractor shall conduct entry and exit medical tests of all part/full occupational qualification learners, trade qualification learners, work integrated learners or candidates (delete that which is not applicable).
- (k) The successful contractor shall provide personal protective equipment (PPE) to all part/full occupational qualification learners, trade qualification learners, work integrated learners or candidates (delete that which is not applicable) at the start of their employment on site.
- (l) Based on the agreed skills methods the contractor may employ part/full Occupational Qualification Learners and /or Trade Qualification Learners and/or Work Integrated Learners and/or Candidates (delete that which is not applicable) directly or through a Skills Development Agency (SDA), training provider or skills development facilitator (Form A1 - List of cidb accredited SDAs). The contractor shall ensure that no more than one Method shall be applied to any individual concurrently in the calculation of the CSDG for the contract.

C3.6.7 NATIONAL YOUTH SERVICE TRAINING AND DEVELOPMENT PROGRAMME (NYS)

The National Youth Service Training and Development Programme is *Not Applicable* to this project.

The programme shall be implemented in terms of the Implementation of the National Youth Service Programme under the Expanded Public Works (EPWP) and shall be priced in the CPG section of the Bills of Quantities. Monthly reports are to be submitted to the Employer's Representative.

Failure by the contractors to achieve the specified number to be trained in the NYS section of the CPG section within the Bills of quantities will result in a Payment reduction as per bill of quantities per person, excluding VAT, unless the contractor can prove to the Employer's satisfaction that the non-achievement was beyond his/her control.

C3.6.8 LABOUR-INTENSIVE WORKS

Labour Intensive Works is *Not Applicable* to this project.

Where labour intensive work is specified in the Bill of Qualities and indicated by "LI" the contractor must price for and include in rates. Contractors are expected to use their initiative to identify additional activities that can be done labour-intensively to comply with the set minimum labour intensity target. Allowance must be made for submitting monthly reports illustrating the value of the works executed under Labour Intensive Works.

Failure by the contractor to achieve the specified value of the Labour Intensive Participation Goal as stipulated within the Bills of quantities will result in a thirty percent (30%) penalty of the value of the works not done by means of labour intensive methods, excluding VAT, unless the contractor can prove to the Employer's satisfaction that the non-achievement was beyond his/her control.

Employer's objectives:

The employer's objectives are to deliver public infrastructure using labour-intensive methods in accordance with EPWP Guidelines.

Labour-intensive works:

Labour-intensive works shall be constructed/maintained using local workers who are temporarily employed in terms of the scope of work.

Labour-intensive competencies of supervisory and management staff:

Contractors shall only engage supervisory and management staff in labour-intensive works that have completed the skills programme including Foremen/ Supervisors at NQF level 4 "National Certificate: Supervision of Civil Engineering Construction Processes" and Site Agent/ Manager at NQF level 5 "Manage Labour-Intensive Construction Processes" or equivalent QCTO qualifications (See Appendix C) at NQF outlined in Table 1

C3.6.8.1 GENERIC LABOUR-INTENSIVE SPECIFICATION

Contractors are referred to the Guidelines for the Implementation of Labour-intensive Infrastructure Projects under the Expanded Public Works Programme (EPWP) for the generic labour-intensive specification applicable to the contract.

This specification establishes general requirements for activities which are to be executed by hand involving the following:

- trenches having a depth of less than 1.5 metres
- stormwater drainage
- roads
- sidewalks and non-motorised transport infrastructure
- water and sanitation

Precedence

Where this specification is in conflict with any other standard or specification referred to in the Scope of Works to this Contract, the requirements of this specification shall prevail

Hand excavateable material

Hand excavateable material is:

a) granular materials:

- i) whose consistency when profiled may in terms of table 2 be classified as very loose, loose, medium dense, or dense; or
- ii) where the material is a gravel having a maximum particle size of 10mm and contains no cobbles or isolated boulders, no more than 15 blows of a dynamic cone penetrometer is required to penetrate 100mm;

b) cohesive materials:

- i) whose consistency when profiled may in terms of table 2 be classified as very soft, soft, firm, stiff and stiff / very stiff; or
- ii) where the material is a gravel having a maximum particle size of 10mm and contains no cobbles or isolated boulders, no more than 8 blows of a dynamic cone penetrometer is required to penetrate 100mm;

Note

- 1) A boulder is material with a particle size greater than 200mm, a cobble and gravel is material between 60 and 200mm.
- 2) A dynamic cone penetrometer is an instrument used to measure the in-situ shear resistance of a soil comprising a drop weight of approximately 10 kg which falls through a height of 400mm and drives a cone having a maximum diameter of 20mm (cone angle of 60° with respect to the horizontal) into the material being used.

| Table 2: Consistency of materials when profiled | | | |
|--|--|---------------------------|---|
| GRANULAR MATERIALS | | COHESIVE MATERIALS | |
| CONSISTENCY | DESCRIPTION | CONSISTENCY | DESCRIPTION |
| Very loose | Crumbles very easily when scraped with a geological pick. | Very soft | Geological pick head can easily be pushed in as far as the shaft of the handle. |
| Loose | Small resistance to penetration by sharp end of a geological pick. | Soft | Easily dented by thumb; sharp end of a geological pick can be pushed in 30-40 mm; can be moulded by fingers with some pressure. |
| Medium dense | Considerable resistance to penetration by sharp end of a geological pick. | Firm | Indented by thumb with effort; sharp end of geological pick can be pushed in up to 10 mm; very difficult to mould with fingers; can just be penetrated with an ordinary hand spade. |
| Dense | Very high resistance to penetration by the sharp end of a geological pick; requires many blows for excavation. | Stiff | Can be indented by thumb-nail; slight indentation produced by pushing geological pick point into soil; cannot be moulded by fingers. |
| Very dense | High resistance to repeated blows of a geological pick. | Very stiff | Indented by thumb-nail with difficulty; slight indentation produced by blow of a geological pick point. |

Trench excavation

All hand excavateable material in trenches having a depth of less than 1,5 metres shall be excavated by hand.

Compaction of backfilling to trenches (areas not subject to traffic)

Any reference to words "Bid" or Bidder" herein and/or in any other documentation shall be construed to have the same meaning as the words "Tender" or "Tenderer".

Backfilling to trenches shall be placed in layers of thickness (before compaction) not exceeding 100mm. Each layer shall be compacted using hand stampers;

- a) to 90% Mod AASHTO;
- b) such that in excess of 5 blows of a dynamic cone penetrometer (DCP) is required to penetrate 100 mm of the backfill, provided that backfill does not comprise more than 10% gravel of size less than 10mm and contains no isolated boulders, or
- c) such that the density of the compacted trench backfill is not less than that of the surrounding undisturbed soil when tested comparatively with a DCP.

Excavation

All excavateable material including topsoil classified as hand excavateable shall be excavated by hand. Harder material may be loosened by mechanical means prior to excavation by hand. Any material which presents the possibility of danger or injury to workers shall not be excavated by hand.

Clearing and grubbing

Grass and bushes shall be cleared by hand.

Shaping

All shaping shall be undertaken by hand.

Loading

All loading shall be done by hand. Haulage equipment should be selected in a manner that allows loading by hand to the greatest extent possible.

Haul

Excavation material shall be hauled to its point of placement by means of wheelbarrows where the haul distance is not greater than 150m.

Offloading

All material, however transported, is to be off-loaded by hand, unless tipper-trucks are utilised for haulage.

Spreading

All material shall be spread by hand.

Compaction

Small areas may be compacted by hand provided that the specified compaction is achieved. Appropriate rollers should be used where higher (than can be achieved by hand) levels of compaction are required or for large areas.

Grassing

All grassing shall be undertaken by sprigging, sodding, or seeding by hand.

Stone pitching and rubble concrete masonry

All stone required for stone pitching and rubble concrete masonry, whether grouted or dry, must to be collected, loaded, off loaded and placed by hand.

Sand and stone shall be hauled to its point of placement by means of wheelbarrows where the haul distance is not greater than 150m.

Grout shall be mixed and placed by hand.

Manufactured Elements

Elements manufactured or supplied by the Contractor, such as manhole rings and cover slabs, precast concrete planks and pipes, masonry units and edge beams shall not individually, have a mass of more than 320kg. Where the mass of an element exceeds 55 kg, consideration should be given to the size of the element relative to its total mass related to the number of workers who would be needed to lift such mass

C3.7 Submission of Accrual Reports

The Contractor shall submit accrual reports to the client representative at the end of March and September each year for the duration of the Service Contract period from the date of appointment

Any reference to words "Bid" or "Bidder" herein and/or in any other documentation shall be construed to have the same meaning as the words "Tender" or "Tenderer".

up to and including project closeout. This is to ensure that PMTE complies with the accounting framework GRAP, which requires that PMTE disclose all its accruals as at the end of each reporting date.

C3.8 Submission of Monthly Local Material Utilisation Report (Local Content)

The contractors shall be responsible for record keeping, documenting and submission of monthly local material utilization report with supporting documentation to the Employer's representative within 7 working days of the beginning of the successive month, in terms of DTI&C designated industry/sector/sub-sector schedule as per the PA36 and Annexures C attached to the tender document. The final percentage achievement to be reconciled upon completion of the project and form part of the final account. Failure by the contractors to achieve the specified percentage of local content per designated industry/sector/sub-sector as listed will result in a thirty percent thirty percent (30%) penalty of the value not achieved, excluding VAT, unless the contractor can prove to the Employer's satisfaction that the non-achievement was beyond his/her control.



DEPARTMENT OF PUBLIC WORKS

HIV/AIDS

SPECIFICATION

OCTOBER 2004

SECTION

HIV/AIDS SPECIFICATION

HIV/AIDS REQUIREMENTS

1 SCOPE

This specification contains all requirements applicable to the Contractor for creating HIV/AIDS awareness amongst all of the Workers involved in this project for the duration of the construction period, through the following strategies:

- Raising awareness about HIV/AIDS through education and information on the nature of the disease, how it is transmitted, safe sexual behaviour, attitudes towards people affected and people living with HIV/AIDS, how to live a healthy lifestyle with HIV/AIDS, the importance of voluntary testing and counselling, the diagnosis and treatment of Sexually Transmitted Infections and the closest health Service Providers;
- Informing Workers of their rights with regard to HIV/AIDS in the workplace;
- Providing Workers with access to condoms and other awareness material that will enable them to make informed decisions about sexual practices.

2 DEFINITIONS AND ABBREVIATIONS

2.1 Definitions

Service Provider: The natural or juristic person recognised and approved by the Department of Public Works as a specialist in conducting HIV/AIDS awareness programmes.

Service Provider Workshop Plan: A plan outlining the content, process and schedule of the training and education workshops, presented by a Service Provider which has been approved by the Representative/Agent.

Worker: Person in the employ of the Contractor or under the direction or supervision of the Contractor or any of his Sub-contractors, who is on site for a minimum period of 30 days in all.

2.2 Abbreviations

- HIV : Human Immunodeficiency Virus.
- AIDS : Acquired Immune Deficiency Syndrome.
- STI : Sexually Transmitted Infection.

3 BASIC METHOD REQUIREMENT

3.1 The Contractor shall, through a Service Provider, conduct onsite workshops with the Workers.

The Service Provider shall develop and compile a Service Provider Workshop Plan to be presented at the workshops and which will be best suited for this project to achieve the specified objectives with regard to HIV/AIDS awareness.

The Service Provider Workshop Plan shall be based on the following information provided by the Contractor:

- Number of Workers and Sub-contractors on site;
- When new Workers or Sub-contractors will join the construction project;
- Duration of Workers and Sub-contractors on site;
- How the maximum number of Workers can be targeted with workshops;
- How the Contractor prefers workshops to be scheduled, e.g. three hourly sessions per Worker, or one 2.5 hour workshop per Worker;
- Profile of Workers, including educational level, age and gender (if available);
- Preferred time of day or month to conduct workshops;
- A Gantt chart reflecting the construction programme, for scheduling of workshops;
- Suitable venues for workshops.

The Contractor shall submit the Service Provider Workshop Plan for approval within 21 days after the tender acceptance date. After approval by the Representative/Agent, the Contractor shall make available a suitable venue that will be conducive to education and training.

3.2 The Service Provider Workshop Plan shall address, but will not be limited to the following:

- 3.2.1 The nature of the disease;
- 3.2.2 How it is transmitted;
- 3.2.3 Safe sexual behaviour;
- 3.2.4 Post exposure services such as voluntary counselling and testing (VCT) and nutritional plans for people living with HIV/AIDS;
- 3.2.5 Attitudes towards other people with HIV/AIDS;
- 3.2.6 Rights of the Worker in the workplace;
- 3.2.7 How the Awareness Champion will be equipped prior to commencement of the HIV/AIDS awareness programme with basic HIV/AIDS information and the necessary skills to handle questions regarding the HIV/AIDS awareness programme on site sensitively and confidentially;
- 3.2.8 How the Service Provider will support the Awareness Champion;
- 3.2.9 Location and contact numbers of the closest clinics, VCT facilities, counselling services and referral systems;
- 3.2.10 How the workshops will be presented, including frequency and duration;
- 3.2.11 How the workshops will fit in with the construction programme;
- 3.2.12 How the Service Provider will assess the knowledge and attitude levels of attendees to structure workshops accordingly;
- 3.2.13 How the video will be used;
- 3.2.14 How the Service Provider will elicit maximum participation from the Workers;
- 3.2.15 A questions and answers slot (interactive session).

The Service Provider Workshop Plan shall encompass the Specific Learning Outcomes (SLO) as stipulated.

4 HIV/ AIDS AWARENESS EDUCATION AND TRAINING

4.1 Workshops

The Contractor shall ensure that all Workers attend the workshops.

The workshops shall adequately deal with all the aspects contained in the Service Provider Workshop Plan. A video of HIV/AIDS in the construction industry, which can be obtained from all Regional Offices of the Department of Public Works, is to be screened to Workers at workshops. In order to enhance the

learning experience, groups of not exceeding 25 people shall attend the interactive sessions of the workshops.

4.2 Recommended practice

4.2.1 Workshop Schedule

Presenting information contained in the Service Provider Workshop Plan can be divided in as many workshop sessions as deemed practicable by the Contractor, provided that all Workers are exposed to all aspects of the workshops as outlined in the Service Provider Workshop Plan.

Breaking down the content of information to be presented to Workers into more than one workshop session however, has the added advantage that messages are reinforced over time while providing opportunity between workshop sessions for Workers to reflect and test information. Workers will also have an opportunity to ask questions at a following session.

4.2.2 Service Providers

A database of recommended Service Providers is available from all Regional Offices of the Department of Public Works.

4.2.3 HIV/AIDS Specific Learning Outcomes and Assessment Criteria

Workers shall be exposed to workshops for a minimum duration of two-and-a-half hours. In order to set a minimum standard requirement, the following specific learning outcomes and assessment criteria shall be met.

4.2.3.1 UNIT 1: The nature of HIV/AIDS

After studying and understanding this unit, the Worker will be able to differentiate between HIV and AIDS and comprehend whether or not it is curable. The Worker will also be able to explain how the HI virus operates once a person is infected and identify the symptoms associated with the progression of HIV/AIDS.

Assessment Criteria:

1. Define and describe HIV and AIDS;
2. List and describe the progression of HIV/AIDS.

4.2.3.2 UNIT 2: Transmission of the HI virus

After studying and understanding this unit, the Worker will be able to identify bodily fluids that carry the HI virus. The Worker will be able to recognise how HIV/AIDS is transmitted and how it is not transmitted.

Assessment Criteria:

1. Record in what bodily fluids the HI virus can be found;
2. Describe how HIV/AIDS can be transmitted;
3. Demonstrate the ability to distinguish between how HIV/AIDS is transmitted and misconceptions around transmittance of HIV/AIDS.

4.2.3.3 UNIT 3: HIV/AIDS preventative measures

After studying and understanding this unit, the Worker will comprehend how to act in a way that would minimise the risk of HIV/AIDS infection and to use measures to prevent the HI virus from entering the bloodstream.

Assessment Criteria:

1. Report on how to minimise the risk of HIV/AIDS infection;
2. Report on precautions that can be taken to prevent HIV/AIDS infection;
3. Explain or demonstrate how to use a male and female condom;
4. List the factors that could jeopardize the safety of condoms provided against HIV/AIDS Transmission.

4.2.3.4 UNIT 4: Voluntary HIV/AIDS counselling and testing

After studying and understanding this unit, the Worker will be able to recognise methods of testing for HIV/AIDS infection. The Worker will be able to understand the purpose of voluntary HIV/AIDS testing and pre- and post-test counseling.

Assessment Criteria:

1. Describe methods of testing for HIV/AIDS infection;
2. Report on why voluntary testing is important;
3. Report on why pre- and post-test counselling is important.

4.2.3.5 UNIT 5: Living with HIV/AIDS

After studying and understanding this unit, the Worker will be able to recognise the importance of caring for people living with HIV/AIDS and be able to manage HIV/AIDS.

Assessment Criteria:

1. List and describe ways to manage HIV/AIDS;
2. Describe nutritional needs of people living with HIV/AIDS;
3. Describe ways to embrace a healthy lifestyle as a person living with HIV/AIDS;
4. Explain the need for counselling and support to people living with HIV/AIDS.

4.2.3.6 UNIT 6: Treatment options for people with HIV/AIDS

After studying and understanding this unit, the Worker will be familiar with the various treatments available to HIV/AIDS infected or potentially HIV/AIDS infected people.

Assessment Criteria:

1. Discuss anti-retroviral therapy;
2. List methods of treatment to prevent HIV/AIDS transmission from mother-to-child;
3. Describe the need for treatment of opportunistic diseases for people living with HIV/AIDS;
4. Describe post exposure prophylactics.

4.2.3.7 UNIT 7: The rights and responsibilities of Workers in the workplace with regard to HIV/AIDS

After studying and understanding this unit, the Worker will be able to identify the rights and responsibilities of the Worker living with HIV/AIDS in the workplace. The Worker will recognise the importance of accepting colleagues living with HIV/AIDS and treating them in a non-discriminative way.

Assessment Criteria:

1. Discuss the rights of a person living with HIV/AIDS in the workplace;
2. Discuss the responsibilities of a person living with HIV/AIDS in the workplace;
3. Report on why acceptance and non-discrimination of colleagues living with HIV/AIDS is important.

4.3 Displaying of plastic laminated posters and distribution of information booklets

The Contractor shall obtain a set of four laminated posters conveying different key messages and information booklets. The contractor should include the costs of posters and information booklets in his/her tender price.

The above-mentioned posters and information booklets have been prepared to raise awareness and to share information about HIV/AIDS and STI's.

Posters or display stands shall be displayed on site as soon as possible, but not later than 14 days after the date of site handover.

Posters shall be displayed in areas highly trafficked by Workers, including toilets, rest areas, the site office and compounds.

The posters on display must always be intact, clear and readable.

Information booklets must be distributed to all Workers as soon as possible, but not later than 14 days after site handover, or as soon as the Worker joins the site.

5 PROVIDING WORKERS WITH ACCESS TO CONDOMS

The Contractor shall provide and maintain condom dispensers and make both male and female condoms, complying with the requirements of SABS ISO 4074, available at all times to all Workers at readily accessible points on site, for the duration of the contract. The Contractor may obtain condom dispensers from the Department of Health and condoms may be obtained from the Local Clinic or the Department of Health.

At least one male and one female condom dispenser and a sufficient supply of condoms, all to the approval of the Representative/Agent, shall be made available on site within 14 days of site hand over. Contractors should note that arrangements to obtain condoms from the Department of Health Clinics prior to site hand over may be necessary, to ensure that condoms are available within 14 days of site handover.

Condoms shall be made available in areas highly trafficked by Workers, including toilets, the site office and compounds.

6 ENSURING ACCESS TO HIV/AIDS TESTING AND COUNSELLING FACILITIES AND TREATMENT OF SEXUALLY TRANSMITTED INFECTIONS (STI)

The Contractor shall provide Workers with the names of the closest Service Providers that provide HIV/AIDS testing and counselling and Clinics providing Sexually Transmitted Infection (STI) diagnosis and treatment. Information on these Service Providers and Clinics must be displayed on a poster of a size not smaller than A1 in an area highly trafficked by Workers.

7 APPOINTMENT OF AN HIV/AIDS AWARENESS CHAMPION

- 7.1 Within 14 days of site handover the Contractor shall appoint an Awareness Champion from amongst the Workers, who speaks, reads and writes English, who speaks and understands all the local languages spoken by the Workers and who shall be on site during all stages of the construction period. The Contractor shall ensure that the Awareness Champion has been trained by the Service Provider on basic HIV/AIDS information, the support services available and the necessary skills to handle questions regarding the HIV/AIDS programme in a sensitive and confidential manner.

7.2 The Awareness Champion shall be responsible for:

7.2.1 Liaising with the Service Provider on organising awareness workshops;

7.2.2 Filling condom dispensers and monitoring condom distribution;

7.2.3 Handing out information booklets;

7.2.4 Placing and maintaining posters.

8 MONITORING

The Contractor shall grant to the Representative/Agent reasonable access to the construction site, in order to establish that the Contractor complies with his obligations regarding HIV/AIDS awareness under this contract.

The Contractor must report problems experienced in implementing the HIV/AIDS requirements to the Representative/Agent.

The attached SITE CHECKLIST (SCHEDULE A) shall be completed and submitted at every construction progress inspection to the Representative/Agent.

The attached SERVICE PROVIDER REPORT (SCHEDULE B) shall be completed and submitted on a monthly basis to the Department's Project Manager, through the Representative/Agent.

The attached CONTRACTOR HIV/AIDS PROGRAMME REPORT (SCHEDULE C), a close out programme report, shall be completed by the Contractor at the end of the contract.

SCHEDULE A

HIV/AIDS PROGRAMME: SITE CHECKLIST

When did construction commence: _____

Name of Departmental Project Manager: _____

Please refer to HIV/AIDS Programme activities during the reporting period

| Tick the block if Contractor satisfactorily complied with specifications | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|----|---|---|---|----|---|---|---|----|---|---|---|----|---|---|---|----|---|---|---|----|---|---|---|---|---|---|---|
| DATE | PI | | | | PI | | | | PI | | | | PI | | | | PI | | | | PI | | | | | | | |
| | D | D | M | M | D | D | M | M | D | D | M | M | D | D | M | M | D | D | M | M | D | D | M | M | D | D | M | M |
| Programme implemented within 14 days of site handover | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Awareness champion on site | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HIV/AIDS awareness service provider report | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Male condom dispenser | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sufficient male condoms available | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Male condom dispenser in a highly trafficked area | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Female condom dispenser | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sufficient female condoms available | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Female condom dispenser in a highly trafficked area | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All four types of posters displayed | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Posters in a good condition | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Posters in a highly trafficked area | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Posters displayed on local support services: clinic & VCT centre | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Support service poster/s in highly trafficked area | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Support service poster/s in a good condition | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| <i>Please indicate the applicable number for the reporting period</i> | | | | | | | |
|---|--|--|--|--|--|--|--|
| Workers on payroll (at PI) | | | | | | | |
| Sub-Contractors who will be on site for longer than 30 days (at PI) | | | | | | | |
| Workshop attendees | | | | | | | |
| Number of workshops held | | | | | | | |
| Scheduled workshops according to approved workshop plan | | | | | | | |
| Booklets distributed | | | | | | | |
| Male condoms distributed | | | | | | | |
| Female condoms distributed | | | | | | | |

Representative/Agent

Date

Contractor

Date

Date of progress inspection: (ccyy/mm/dd)

Reporting period: (ccyy/mm/dd) _____ to (ccyy/mm/dd) _____

Deviations from HIV/AIDS awareness programme plan:

Corrective actions:

Representative/Agent

Departmental Project Manager

Date

Date

SCHEDULE B

HIV/AIDS AWARENESS PROGRAMME: SERVICE PROVIDER REPORT

Reporting period: (ccyy/mm/dd) _____ to (ccyy/mm/dd) _____

Number of workshops conducted in reporting period: _____

Number of scheduled workshops according to approved workshop plan: _____

Deviations from workshop plan:

State reasons for deviating from workshop plan:

Corrective actions:

Service Provider

Date

Date

HIV/AIDS AWARENESS PROGRAMME : WORKSHOP CONTENT ADDRESSED

| Fill in the applicable information with regard to each workshop conducted | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-----|---|---|---|-----|---|---|---|-----|---|---|---|-----|---|---|---|-----|---|---|---|-----|---|---|---|-----|---|---|---|
| DATE | W/S | | | | W/S | | | | W/S | | | | W/S | | | | W/S | | | | W/S | | | | W/S | | | |
| | D | D | M | M | D | D | M | M | D | D | M | M | D | D | M | M | D | D | M | M | D | D | M | M | D | D | M | M |
| Content of workshop: (Mark the content included) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SLO1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SLO2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SLO3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SLO4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SLO5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SLO6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SLO7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HIV/AIDS in construction video | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Indicate the duration of the workshop in hours | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total number of Workers | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Indicate workshop venue | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

HIV/AIDS AWARENESS PROGRAMME: ATTENDANCE REGISTER

[illegible]

SCHEDULE C

CONTRACTOR HIV/AIDS PROGRAMME REPORT

Project name: _____

Project Location: _____

Contract value of project: R_____

Department of Public Works Project Manager: _____

HIV/AIDS Programme duration: (ccyy/mm/dd) _____ to (ccyy/mm/dd) _____

AWARENESS MATERIAL

Describe location of posters displayed during the programme: _____

Comments on posters: _____

Indicate total number of booklets distributed: _____

Comments on booklets: _____

CONDOMS

Indicate total number of male condoms distributed: _____

Indicate total number of female condoms distributed: _____

Describe where male condom dispenser was placed: _____

Describe where female condom dispenser was placed: _____

HIV/AIDS WORKSHOPS

Indicate the total number of HIV/AIDS workshops conducted: _____

Indicate the duration of workshops: _____

Indicate the total number of Workers that participated in the HIV/AIDS workshops: _____

Indicate the total number of Workers that were exposed to the video on HIV/AIDS in the Construction Industry:

Comments on HIV/AIDS workshops on site: _____

GENERAL

Briefly describe programme activities and satisfaction with outcome: _____

Additional comments, suggestions or needs with regard to the HIV/AIDS awareness programmes on site:

Please indicate if your company has a formal HIV/AIDS policy focussing on HIV/AIDS awareness raising and care and support of HIV/AIDS Workers:

| | | |
|-----|----|--------------------------|
| Yes | No | Currently developing one |
|-----|----|--------------------------|

Please indicate if, to your knowledge, you have lost any workers during the duration of the project to HIV/AIDS related sicknesses. One or more of the following might indicate an HIV/AIDS related death:

Excessive weight loss
Reactive TB
Hair loss
Severe tiredness

Coughing or chest pain
Pain when swallowing
Persistent fever
Diarrhoea

Vomiting
Meningitis
Memory loss
Pneumonia

Number of HIV/AIDS-related deaths: _____

Contractor

Date

Departmental Project Manager

Date



WESTERN CAPE

CAPE TOWN

PARLIAMENTARY COMPLEX PARLIAMENT KITCHENS: UPGRADE AND RECONFIGURATION OF VARIOUS KITCHENS INCLUDING REPLACEMENT OF EQUIPMENT AND ASSOCIATED WORKS

WCS 054967

Health and Safety Specification



OCCUPATIONAL HEALTH AND SAFETY ACT

AND

REGULATIONS

PRE-CONSTRUCTION HEALTH AND SAFETY SPECIFICATION

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Initial Hazard Identification and Risk Assessment

1. INTRODUCTION AND BACKGROUND

1.1 **Background to the Pre-Construction Health and Safety Specification**

- 1) The Construction Regulations of February 2014 in terms of Regulation 5 (1)(b) places the onus on the Client to prepare a Pre-Construction Health and Safety Specification, highlighting all risks not successfully eliminated during design. Section 37.2 of the Act, Act 85 of 1993 requires the Department of Works as an Employer to enter into a written agreement with the Contractor (Mandatory) as far as arrangements and procedures are concerned to ensure that the Contractor complies with the requirements of the Act, Act 85 of 1993 and all its Regulations.
- 2) This document serves to address all the above mentioned requirements and by submission of his/her tender the Contractor undertakes to abide with the conditions as stipulated by the Department of Works hereinafter referred to as the Client throughout this document.
- 3) This documentation will give the Client or its duly appointed representative the required information to be able to evaluate the Contractors competency and resources as is required by Regulation 5(1)(h) of the Construction Regulations of February 2014 and to determine his/her suitability to perform such work in a safe and healthy manner.
- 4) When submitting his/her tender the Contractor must supply the Client with the following:
 - A detailed Site Safety Plan indicating how the contractor will manage all Safety, Health and Environmental aspects whilst working on the Clients premises or on premises under his/her control, which must be based on the contents of this document as is required by Regulation 7(1)(a) of the Construction Regulations of February 2014.
 - A Cost breakdown of funds being allocated to make adequate provisions for Safety, Health and Environmental requirements as is required by Regulation 5 (1)(g) of the Construction Regulations of February 2014.
- 5) No approval or acceptance of any document required by this specification shall be construed by the Contractor as an absolver of the Contractor from achieving the required level of



performance and compliance with legal requirements whatsoever.

- 6) The Contractor is an employer in his/her own right and therefore must assume all the responsibilities as required from any legal obligation imposed on him or her.

1.2 Purpose of the Pre-Construction Health and Safety Specification

To assist in achieving compliance with the Occupational Health and Safety Act 85/1993 and the now promulgated Construction Regulations of February 2014 in order to reduce incidents and injuries.

To enable the effectiveness of the incorporated health and safety standards in regulations and thus comply with SANS requirements in terms of Occupational Health and Safety Act No.85 of 1993 section 44 of the act.

The Pre-Construction Safety, Health and Environmental Specification sets out the requirements to be followed by the Principal Contractor and other Contractors so that the Health and Safety of all persons potentially at risk and the potential risk to the environment may receive the same priority as other facets of the project such as Scope, Time, Cost and Quality.

1.3 Implementation of the Pre-Construction Health and Safety Specification

This specification forms an integral part of the contract, and the Contractor is required to use it at pre-tender phase when drawing up his/her project-specific Construction Phase Health and Safety Plan as indicated above. The Principal Contractor shall forward a copy of this specification to all Sub-Contractors at their bidding stage so that they can in turn prepare Health and Safety Plans relating to their operations.

2. PRE-CONSTRUCTION HEALTH AND SAFETY SPECIFICATION

2.1 SCOPE

This Specification covers the requirements for eliminating and mitigating incidents and injuries on the particular project.

The scope also addresses legal compliance, hazard identification and risk assessment, risk control, and promoting a Health and Safety culture amongst those working on the project. The specification also makes provision for the protection of those persons other than employees.



2.2 Contractual Issues

- 1) Due to fact that this document is based on legislative requirements the Client requires that all Contractors comply with the requirements of this document and all other relevant legislative requirements not covered by this document.
- 2) The Client or its duly appointed representative reserves the right to stop any contractor from working whenever Safety, Health or Environmental requirements are being violated. Any resultant costs of such work stoppages will be for the Contractors account.
- 3) The requirements as specified by the Client in this document must not be deemed to be exhaustive and the Client reserves the right to make changes as and if the Client deems fit.
- 4) The Client will not entertain any claim of any nature whatsoever which has come about as result of costs incurred or delays being experienced due to the Contractor not complying with the requirements of this document or any other applicable legislative requirements imposed on the Contractor.

2.3 Safety, Health and Environmental Standards and Procedures

- 1) The Contractor will ensure that all work performed by him/her is executed in accordance with work procedures which comply with accepted safety practices and applicable safety, health and Environmental legislation.
- 2) Procedures as indicated above may be the Contractors own procedures on condition that they comply with the conditions as stipulated above.
- 3) Where procedures have been specified by this Client in the contents of this document such procedures must be adhered to unless otherwise agreed to with the Client or it's duly appointed representative.

2.4 Interpretations

2.4.1 APPLICATION

This specification is a compliance document drawn up in terms of South African legislation and is therefore binding. It must be read in conjunction with relevant legislation as noted previously.

2.4.2 DEFINITIONS



- 1) The definitions as listed in the Occupational Health and Safety Act 85/1993 and Construction Regulations of February 2014 shall apply unless otherwise stipulated.
- 2) Any reference to "The Contractor" includes – the Principal and Sub - Contractor unless otherwise stipulated.

2.5 Minimum Administrative Requirements

2.5.1 Notification of Intention to Commence Construction Work

- 1) The Contractor shall notify the Provincial Director of the Department of Labour in writing before construction work commences if required in the format of Annexure 2. A copy of this notification must be forwarded to the Client prior to the commencement of Construction work.
- 2) Copies of such notification can be obtained from any Department of Labour Office.

2.5.2 Assignment of Contractor's Responsible Persons to Supervise Health and Safety on Site.

- 1) The Contractor shall submit in the format of Annexure B, proof of all supervisory as well as any other relevant appointments as is required by the OHS Act and the Construction Regulations.
- 2) It is acknowledged that the Contractor may need to allocate more than one appointment to certain staff members. This practice may only take place if Safety, Health and Environmental Standards would not be negatively affected.
- 3) Should the Client or its representative deem such practice as having a negative effect on Safety, Health and Environmental Standards, then alternative arrangements will have to be made.
- 4) **A contractor must, after consultation with the client and having considered the size of the project, degree of danger likely to be encountered or the accumulation of hazards or risks on site, appoint a full-time/part-time construction health and safety officer in writing to assist in the control of all health and safety related aspects on the site.**

2.5.3 Competency of Contractor's Appointed Competent Persons

- 1) Contractors' competent persons for the various risk management portfolios shall fulfill the criteria as stipulated under the definition of "Competent Person" in accordance with the Construction Regulations of February 2014 and the Occupational Health and Safety Act, Act 85 of 1993.
- 2) The Client reserves the right to require levels of Competency,



which exceeds the requirements as stipulated by the Act and or Construction Regulations.

- 3) In the event of the Client requiring additional levels of Competency, alternative arrangements will have to be made.

2.5.4 Compensation of Occupational Injuries and Diseases Act, Act 130 of 1993 (COID ACT)

- 1) The Contractor warrants that his and all his workmen are fully covered in terms of the COID, Act 130 of 1993 and that such cover shall remain in force for the duration of his contractual relationship with the Client or whilst working on the Clients premises or premises under the Clients control.
- 2) The Contractor will supply proof of such insurance cover to the Client with his/her tender submission.
- 3) The Contractor undertakes to ensure that all Sub-Contractors appointed by him/her will be fully covered in terms of the COID Act, Act 130 of 1993 and that such cover shall remain in force for the duration of their contractual relationship with the Contractor
- 4) The Contractor must also ensure that he has additional insurance cover that will adequately make provisions for any losses and/or his employee's acts and/or omissions whilst working on the Clients premises or on premises under the client's control.

2.5.5 Occupational Health and Safety Policy

- 1) The Contractor shall submit a Health and Safety Policy signed by the Chief Executive Officer.
- 2) The Policy must outline objectives and how they will be achieved and implemented by the Company / Contractor.
- 3) A copy of such policy must be included in the Site Safety Plan and the Site Safety File.

2.5.6 Health and Safety Organogram

- 1) The Contractor shall submit an Organogram, outlining the Health and Safety Site Management Structure including the relevant appointments / competent persons.
- 2) In cases where appointments have not been made, the organogram shall reflect the intended persons to be appointed to such positions.



- 3) The organogram shall be updated when there are any changes in the Site Management Structure.

2.5.7 Preliminary Hazard Identification and Risk Analysis and Progress Hazard Identification and Risk Analysis

- 1) A Preliminary Hazard Identification and Risk Analysis was conducted and can be found in the format of Annexure D. This Hazard Identification and Risk Analysis was performed to make the Contractor aware of potential Hazards, which could be present on the site and may not be comprehensive.
- 2) The Contractor shall cause a Hazard Identification and Risk Analysis exercise to be performed by a Competent Person before commencement of construction work, and the assessed risks shall form part of the Construction phase Health and Safety Plan submitted for approval by the Client. The Risk Assessment must include:
 - a) A list of hazards identified as well as potentially hazardous tasks;
 - b) A documented risk assessment based on the list of hazards and tasks;
 - c) A set of safe working procedures to eliminate, reduce and/or control the risks assessed;
 - d) A monitoring and review procedure of the risks assessment as the risks change.
- 3) The Principal Contractor shall ensure that all Contractors are informed, instructed and trained by a Competent Person/s regarding hazards, risks and related safe work procedures before any work commences and thereafter at regular intervals as the risks change and as new risks develop.
- 4) The Contractor shall be responsible for ensuring that all persons who could be negatively affected by its operations are informed and trained according to the hazards and risks and are conversant with the Safe Work Procedures, control measures and other related rules (tool box talk strategy to be implemented and so on).
- 5) Should the Client or its duly appointed Representative identify alternative hazardous activities performed by the Contractor or its Sub-Contractors on site for which a Risk Assessment was not performed then the contractor will be required to perform such an exercise before continuing such work.

2.5.8 Health and Safety Representative(s)

- 1) The Contractors shall ensure that Health and Safety Representative(s) are appointed under consultation and trained to carry out their functions.



- 2) The appointments must be in writing and the Health and Safety Representative shall carry out regular inspections, keep records and report all findings to the Responsible Person forthwith and at Health and Safety meetings.

2.5.9 Health and Safety Committees

The Principal Contractor shall ensure that project Health, Safety and Environmental meetings are held monthly or as deemed necessary by the project requirements.

- 1) Minutes must be kept on record and filled in the Site Health and Safety File.
- 2) Meetings must be organized and chaired by the Principal Contractors' Responsible Person.

2.5.10 Health and Safety Training

2.5.10.1 Induction

- 1) The Principal Contractor shall ensure that all site personnel undergo a site-specific Health and Safety Induction Training Session before starting work. A record of attendance shall be kept in the Health and Safety file. **A suitable venue must be supplied to provide this training.**
- 2) All visitors to the site must also be subjected to site-specific induction training highlighting items such as steps to follow in the event of an emergency, restricted areas and so on.

2.5.10.2 Awareness

The Principal Contractor shall ensure that, on site, periodic toolbox talks take place daily. These talks should deal with risks relevant to the construction work at hand. A record of attendance shall be kept in the Health and Safety File. All Contractors have to comply with these minimum requirements.

2.5.10.3 Competency

- 1) All competent persons shall have the knowledge, experience, training, and qualifications specific to the work they have been appointed to supervise, control, and carry out.
- 2) The abovementioned competency requirements will be assessed on a regular basis by the Client, by means of



Audits, Progress Meetings, and any other means deemed fit by the Client.

- 3) The Principal Contractor is responsible to ensure that competent Contractors are appointed to carry out construction work and records should be kept of criteria used to determine competency.
- 4) The Client reserves the right to require competencies which may exceed the Contractors standards in which case alternative arrangements will have to be made to meet the Clients requirements.

2.5.11 General Record Keeping

- 1) The Contractors shall keep and maintain Health and Safety records to demonstrate compliance with this Specification, with the OHS Act 85/1993; and with the Construction Regulations of February 2014.
- 2) The Contractor shall ensure that all records of incidents/accidents, training, inspections, audits, and so on are kept in a Health and Safety file held in the Site Office.
- 3) The Principal Contractor must ensure that every Contractor opens his/her own Health and Safety file, maintains the file and makes it available on request by any duly authorized person.
- 4) The principal contractor or sub-contractor that has more than 5 staff members on site will be required to have the full version of Occupational Health and Safety Act and Regulations 85 of 1993 on site.

2.5.12 Health and Safety Audits, Monitoring and Reporting

- 1) The Client shall conduct monthly Health and Safety audits of the work operations including a full audit of physical site activities as well as an audit of the administration of Health and Safety.
- 2) The Principal contractor is obligated to conduct similar audits on all Contractors appointed by him/her.
- 3) Detailed reports of the audit findings and resultant corrective measures shall be reported on at all levels of project management meetings/forums.
- 4) Copies of the Clients audit reports will be forwarded to the Contractor and must be kept in the Site Health and Safety File.
- 5) The Principal Contractor must audit the activities and administration of all appointed Sub-Contractors, forward a copy



to the Client or its representative within seven days of completion of the audit and file a copy on the Site Safety File.

2.5.13 Emergency Procedures/Plans

- 1) The Principal Contractor shall submit a detailed Emergency Procedure/Plan for approval by the Client prior to commencement of work on site. The procedure shall detail the response plan/s including the following key elements:
 - List of key competent personnel;
 - Details of emergency services;
 - Actions or steps to be taken in the event of the specific types of emergencies;
 - Information on hazardous material/situations.
- 2) Emergency Procedures/Plans shall include, but shall not be limited to, fire, spills, use of hazardous substances, bomb threats, major incidents/accidents major and minor and any other anticipated emergencies.
- 3) The Principal Contractor shall advise the Client in writing forthwith, of any emergencies, together with a record of action taken. A contact list of all service providers (Fire Department, Ambulance, Police, Medical and Hospital, etc) must be maintained and be available to site personnel.
- 4) Emergency procedures/Plans must be developed by a competent person such as a Safety, Health and Environmental Officer or in the absence of a Safety, Health and Environmental Officer by the Construction Work Supervisor.
- 5) Emergency Procedures/Plans must form part of the Agenda of monthly safety meetings as the Procedures/Plans would have to be revisited on a continuous basis due to the changing environment on construction sites.

2.5.14 First Aid Boxes and First Aid Equipment

- 1) All Contractors shall appoint in writing First Aider(s) in terms of legislative requirements.
- 2) The appointed First Aider(s) must be sent for accredited first aid training should they not have received such training prior to commencement of work on site.
- 3) Valid certificates to be kept on site in the Site Safety File.
- 4) The Principal Contractor shall provide an on-site First Aid Station with first aid facilities, where required, including first aid boxes adequately stocked at all times.



- 5) All Contractors with more than 5 employees shall supply their own first aid box
- 6) In the event of hazards chemical substances being present on site, first aiders must be trained to address any incidents of accidental exposure and their first aid kits stocked accordingly

2.5.15 Accident / Incident Reporting and Investigation

- 1) Injuries are to be categorized into the following categories:
 - 1) first aid;
 - 2) medical;
 - 3) disabling; and
 - 4) fatal injuries.
- 2) All Contractors have to report on the 4 categories of injuries to the Principal Contractor as soon as is reasonably practicable.
- 3) The Principal Contractor must stipulate in his/her construction phase Health and Safety plan how he/she will handle each of these categories.
- 4) When reporting injuries to the Client, these categories shall be used.
- 5) All injuries will be investigated by the Principal Contractors or his/her Competent Person, with a report being forwarded to the Client forthwith.
- 6) The Principal Contractor must report all injuries to the Client in the form of a detailed injury report at least monthly.
- 7) All incidents taking place in terms of Section 24 of the Act must be reported in the prescribed period and manner to the Department of Labour.
- 8) Copies of Section 24 reports, including WCL 1 & 2 forms must be forwarded to the Client immediately after completion.

2.5.16 Hazards and Potential Situations

- 1) The Principal Contractor shall immediately notify other Contractors as well as the Client of any hazardous or potentially hazardous situations that may arise during performance of construction activities.
- 2) Should a hazardous situation require work stoppages the work must be stopped and corrective steps taken such as Written Safe Work Procedures and issuing of Personal Protective Equipment.



2.5.17 Personal Protective Equipment (PPE) and Clothing

- 1) The Contractor shall ensure that all workers are issued and wear Hard Hats, Safety Boots/Shoes and Overalls.
- 2) The Contractor and all Contractors shall make provision and keep adequate quantities of SABS approved PPE on site at all times.
- 3) The Contractor shall clearly outline procedures to be taken when PPE or Clothing is:
 - Lost or stolen;
 - Worn out or damaged.
- 4) The above procedure applies to Contractors and their Sub-Contractors.
- 5) The Contractor must ensure that no person enters the Site without the required Personal Protective Equipment.
- 6) Visitors to the Site must be provided with the required PPE such as Hard Hats, Earmuffs and Eye Protection.
- 7) Records of all PPE issued to staff must be kept on site in the Site Safety File.
- 8) Employees are to be made conversant with the purpose of PPE and where and when it is required to be used by the employee.
- 9) Safety belts are not to be allowed on site due to its associated potential of injury to the user; only double lanyard safety harnesses are permitted.
- 11) Suitable eye protection must at all times be worn by the worker when performing grinding, chipping, chasing and other associated activities.
- 12) In the event that onlookers may be struck by flying objects as a result of work being performed, suitable screens must be erected.
- 13) Any person performing welding or brazing work will wear suitable eye protection, gloves, aprons, and spats. Suitable screens are to be provided to protect onlookers from the harmful rays associated with such activities.
- 14) Where employees are required to work with corrosive liquids, suitable eye protection, gloves and acid resistant overalls must be provided.



- 15) Ear protection must be worn in designated noise zone (in excess of 85dB)
- 16) Suitable respirators must be provided to all employees and visitors required working in or entering areas where toxic vapors could be present.
- 17) All staff working in an elevated position (2m or higher) or where the potential exists that such person may fall must be provided with a suitably secured safety harness.
- 18) Any person refusing to wear personal Protective Equipment must be instructed to wear such equipment and in the event of such person refusing to wear such equipment he/she must be removed from the premises.

2.5.18 Occupational Health and Safety OHS Signage

- 1) The Contractor shall provide adequate on-site OHS signage including but not limited to: "no unauthorized entry", "report to site office", "site office", "beware of overhead work", "hard hat area".
- 2) Signage shall be posted up at all entrances to the site as well as on site in strategic locations e.g. access routes, stairways, entrances to structures and buildings, scaffolding, and other potential risk areas/operations.
- 3) In the event where work is being performed on a premises displaying signage such as no-parking, speed limits and so on, the Contractor will abide by the requirements of such signage except if otherwise instructed.

2.5.19 Permits

- 1) The Contractor shall draft and implement where required permits which may include the following:
 - Use of Explosives and Blasting;
 - Work for which a fall prevention plan is required;
 - Use of cradles, and
 - Electrical work
 - Hot works
- 2) The Contractor will ensure that where permits are required that it is used and adhered to.

2.6 Physical Requirements

2.6.1 Demolition Work

- 1) Prior to any demolition work being carried out, the Principal



Contractor shall submit a safe working procedure and a detailed engineering survey for approval by the Client.

- 2) Such Safe Work Procedures' must where possible be submitted with the Site SHE Plan
- 3) Acceptance will then be issued to the Principal Contractor to proceed with the demolition work.
- 4) The Principal Contractor shall ensure that demolition work complies with the Construction Regulations of February 2014.
- 5) In the event where a structure identified for demolition includes substances such as lead or asbestos it must be performed within the requirements of the applicable legislative.
- 6) It is the Principal Contractor responsibility to locate and determine where all underground services are and make safe before any excavating, digging etc. is done

2.6.2 Excavations, Shoring, Dewatering or Drainage

- 1) All excavation work must be performed under the supervision of a Competent Person as specified in Annexure B of this document and the Construction Regulations of July 2003.
- 2) Adequate Shoring and Bracing must be provided where required to ensure that the health and safety of the employees working in such excavations are not put at risk.
- 3) Adequate provisions must be made to ensure that water is drained from excavations which may enter such excavations as a result of seepage or rain.
- 4) All excavation made by the Contractor must be clearly demarcated and protected to prevent accidental access.
- 5) Barricading tape may only be used to make solid barricading more visible and may not be used as a means of barricading.
- 6) In addition to the abovementioned the requirements of Regulation 11 of the Construction Regulations of July 2003 must be adhered to.

2.6.3 Edge Protection .

- 1) All open edges posing the risk of resulting in injuries or damage to equipment must be adequately guarded fenced or barricaded or other similar suitable means used to prevent injuries or damage to equipment.



- 2) Barricading tape is not deemed to be suitable and may only be used in addition to other suitable means as indicated above.

2.6.4 Explosives and Blasting

- 1) All explosives must be transported or stored according to the requirements of SANS 0228.
- 2) Written approval must be obtained from the Chief Inspector Occupational, Health and Safety prior to any blasting activities taking place.
- 3) A copy of such permission from the Chief Inspector Occupational, Health and Safety must be supplied to the client prior to Blasting.
- 4) Prior to blasting a siren must be sounded, warning flags posted and guards placed at strategic locations points to prevent accidental entry to the blasting area.

2.6.5 Stacking of Materials

- 1) Stacking and storage of materials must be performed under the Supervision of a Competent Person whom has been appointed in writing as required by Annexure B.
- 2) Storage areas must be designated, kept neat and under control. In addition to the abovementioned the requirements of General Safety Regulations as promulgated by Government Notice No R1031 dated 30 May 1986 as amended must be complied with.
- 3) In the event that unauthorized persons may enter an area where materials are stacked such area must be barricaded off to prevent access to such area.

2.6.6 Speed Restrictions and Protections

- 1) Unless otherwise stipulated the speed limit on site to be adhered to is 10 Km/h.
- 2) Vehicle movement routes on site must be clearly indicated where applicable.
- 3) Signage to ensure the safe movement of vehicles on site as well as to ensure the health and safety of all employees and visitors on site must be displayed in strategic locations.

2.6.7 Hazardous Chemical Substances (HCS)

- 1) All employees required to use Hazardous Chemical Substances or products containing Hazardous Chemical Substances must be adequately and comprehensively trained with regard to the



requirements of the Hazardous Chemical Substances Regulations as amended in Government Gazette No 25130 of June 2003, the potential sources of exposure and the potential risks to their health caused by exposure.

- 2) In addition to the abovementioned, Material Safety Data Sheets must be kept on site for all materials, which may contain hazardous chemical substances.

2.6.8 Asbestos

- 1) Asbestos work may only be performed subject to prior notification of the Provincial Director, Occupational Health and Safety, Department of Labour, in writing.
- 2) Proof of such notification must be supplied to the Client prior to work proceeding.
- 3) All asbestos work shall be carried out as per the Asbestos Abatement Regulations by an approved Asbestos Contractor.
- 4) All employees must be informed and receive training on aspects such as the contents and scope of the Asbestos Abatement Regulations as published in Government Gazette 23108 of November 2020, the potential risks of exposure to asbestos, precautionary measures employees have to take and all other requirements deemed necessary to provide a safe and healthy environment for all employees as specified by the Asbestos Abatement Regulations as indicated above.
- 5) All asbestos will be removed from site by an approved asbestos contractor to an approved asbestos dump site. Certificate must be issued on completion on removal of all asbestos on site indicating that the site is clear of all asbestos.

2.7 Plant and Machinery

2.7.1 Construction Plant

- 1) All Construction Plant must comply with and be used in conjunction with the requirements of Section 23 of the Construction Regulations and in specific that all records of inspections rendering such plant safe must be kept on site.
- 2) Operators will be competent and trained and copies of training certificates shall be placed on the health and safety file on site.
- 3) Operators shall be in possession of medical certificate declaring that they are physically and psychologically fit to operate such construction vehicle and plant and copy of medical certificate shall be on the file.
- 4) Original operating and medical certificates shall be kept by the



operators and shall be on site in-possession of the operators at all times.

2.7.2 Vessels under Pressure (VUP)

The Principal Contractor and all relevant Contractors shall comply with the Vessels under Pressure Regulations, including:

- Providing competency and awareness training to the operators;
- Providing PPE or clothing;
- Inspecting equipment regularly and keeping records of inspections;
- Providing appropriate firefighting equipment.

2.7.3 Fire Extinguishers and Fire Fighting Equipment

- 1) The Principal Contractor and Sub Contractors shall provide or ensure adequate provision of regularly serviced firefighting equipment located at strategic points on site, specific to the classes of fire likely to occur.
- 2) The appropriate notices and signs must be posted up as required.
- 3) Contractors may not utilize fire protection equipment belonging to the client without prior consent.

2.7.4 Hired Plant and Machinery

- 1) The Contractor shall ensure that any hired plant and machinery used on site is safe for use.
- 2) The requirements as stipulated by the OHS Act 85/1993 and Construction Regulations of February 2014 shall apply.
- 3) The Principal Contractor shall ensure that operators hired with machinery are competent and that certificates are kept on site in the Site Health and Safety File. All relevant Contractors must ensure the same.

2.7.5 Scaffolding / Working at Heights

- 1) Working at heights includes any work that takes place in an elevated position in excess of 2m.
- 2) The Contractor must submit a risk-specific fall prevention plan and include a rescue plan in accordance with the Construction Regulations of February 2014 before this work is undertaken.
- 3) The fall prevention plan must be approved by the Client before work may commence.



2.7.6 Formwork and Support Work for Structures

- 1) The Principal Contractor shall ensure that the provisions of Section 10 of the Construction Regulations of February 2014 are adhered to.
- 2) These provisions must include but not be limited to ensuring that all equipment used is examined for suitability before use; that all Formwork and Support Work is inspected by a competent person immediately before, during and after placement of concrete or any other imposed load and thereafter on a daily basis until the Formwork and Support Work has been removed.
- 3) Records of all inspections must be kept in a register on site.

2.7.7 Lifting Machines and Tackle

- 1) The Contractor shall ensure that lifting machinery and tackle is inspected before use and thereafter in accordance with the Driven Machinery Regulations and the Construction Regulations (Section 20).
- 2) There must be a competent appointed lifting Machinery and Tackle Inspector on site who must inspect the equipment daily or before use, taking into account that:
 - All lifting machinery and tackle has a safe working load clearly indicated;
 - Regular inspection and servicing is carried out;
 - Records are kept of inspections and of service certificates;
 - There is proper supervision in terms of guiding the loads that includes a trained banksman to direct lifting operations and check lifting tackle;
 - The tower crane bases have been approved by an engineer;
 - The operators are competent as well as physically and psychologically fit to work and be in possession of a medical certificate of fitness which must be available on site.

2.7.8 Ladders and Ladder Work

- 1) The Contractor shall ensure that all ladders are inspected at least monthly, are in a good safe working order, are the correct height for the task, extend at least 1m above the landing, fastened and secured, and at a safe angle.
- 2) Records of inspections must be kept in a register on site.

2.7.9 General Machinery



The Contractor shall ensure compliance with the Driven Machinery Regulations, which include inspecting machinery regularly, appointing a competent person to inspect and ensure maintenance, issuing PPE or clothing, and training those who use machinery.

2.7.10 Portable Electrical Tools and Explosive Powered Tools

- 1) The Contractor shall ensure that use and storage of all explosive powered tools and portable electrical tools are in compliance with relevant legislation.
- 2) The Contractor shall ensure that all electrical tools, electrical distribution boards, extension leads, and plugs are kept in a safe working order.
- 3) The Contractor shall apply the following:
 - A competent person undertakes routine inspections and records are kept.
 - Only authorized trained persons use the tools.
 - The safe working procedures apply.
 - Awareness training is carried out and compliance is enforced at all times.
 - PPE and clothing is provided and maintained.
 - A register indicating the issue and return of all explosive rounds is implemented and maintained, and
 - That signs are posted up in the areas where explosive powered tools are being used.

2.7.11 High Voltage Electrical Equipment

- 1) All contractors must be made aware of the presence and location of High Voltage Equipment such as underground cables and overhead lines, and that the necessary precautionary steps are taken where work has to be executed in the vicinity of such equipment.
- 2) Precautionary measures such as Isolation and Lock-Out of electrical systems or the use of electrically isolated tools must be used.

2.7.12 Public and Site Visitor Health and Safety

- 1) The Contractor shall ensure that every person working on or visiting the site, as well as the public in general, shall be made aware of the dangers likely to arise from site activities, including the precautions to be taken to avoid or minimize those dangers.
- 2) Appropriate Health and Safety Notices and signs shall be posted up, but shall not be the only measure taken.

2.7.13 Night Work



The Contractors must ensure that adequate lighting is provided to allow for work to be carried out safely.

2.7.14 Transportation of Workers

- 1) The Contractor and shall not:
 - Transport persons together with goods or tools unless there is an appropriate area or section to store such goods.
 - Transport persons on the back of trucks except if a proper canopy (properly covering the sides and top) has been provided with suitable seating areas.
 - Permit workers to stand or sit on the edge of the transporting vehicle.
 - Transport workers in LDV's unless they are closed/covered and have the correct number of seats for the passengers.
- 2) No driver will transport more than six people on the back of a 1 Ton LDV and more than four passengers on the back of a ½ Ton LDV.
- 3) The driver of any LDV will not permit more than 2 passengers to occupy the cab of any single cab LDV and 4 passengers of any double cab LDV.
- 4) All vehicles operated on the site will in all aspects comply with the requirements of the Road Traffic Ordinance Act
- 5) Drivers of such vehicles will have a valid license for the code of vehicle being driven by them.
- 6) No servicing of vehicles will be permitted on a Construction Site, which is occupied by staff working for the Client.
- 7) Servicing or repairs of vehicles on site may only take place if such activities are performed with the necessary procedures in place to prevent any harmful effects to the environment.
- 8) All waste generated from servicing vehicles must be disposed off in accordance with relevant Environmental legislation.
- 9) In the event where Earth Moving Equipment is present on site the following must be adhered to:
 - Drivers of vehicles must be instructed to avoid parking behind earth moving vehicles to ensure that their vehicles are visible to the operator of earth moving vehicles.
 - Right of way must be afforded to earth moving machinery at all times.
 - Vehicles must only be permitted to park where possible in designated areas



2.8 Occupational Health and Environmental Management.

2.8.1 Occupational Hygiene

- 1) Exposure of workers to occupational health hazards and risks is very common in any work environment, especially in construction.
- 2) Occupational exposure is a major problem and all Contractors must ensure that proper health and hygiene measures are put in place to prevent exposure to these hazards.
- 3) Contractors must prevent inhalation, ingestion, absorption, and noise induction.
- 4) Site-specific health risks are tabled in Annexure D such as cement -dust, wood-dust, noise and so on but is not limited to these items.
- 5) Water to be utilized for drinking purposes may only be drawn from taps designated for drinking water purposes. Fire hydrants and fire hose reels may not be utilized for drinking water purposes.
- 6) In the event where staff is required to be away from home due to the work they have to perform on behalf of the Contractor, the Contractor will provide suitable clean dry and hygienic accommodation, the cost thereof shall be borne by the Contractor.

2.8.2 Environmental Management

- 1) The Contractor shall take all precautionary steps to prevent any pollution of the Environment.
- 2) Any material, which may pose a harmful effect when disposed of by normal means, must be disposed of in an appropriate manner to eliminate its harmful effect on the environment after disposal.
- 3) The Contractor will ensure that adequate procedures are implemented and maintained to ensure that all waste generated including asbestos waste is placed in suitable receptacles and removed from the site promptly.
- 4) Plans to deal with spillages must be in place and maintained.



- 5) No waste materials liquid or solid may be disposed of in drains.
- 6) No burning of waste material may take place where such material being burned may result in pollution of the air or give off toxic vapors which could be harmful to the health of employees or any other person present on site.

2.8.3 Welfare Facilities

- 1) Contractors will supply sufficient toilets (1 toilet per 30 workers). Toilets will be so positioned that it is in close proximity of the workers. If more toilets are required contractors must make provision for this.
- 2) Showers (1 for every 15 workers).
- 3) Changing facilities.
- 4) Hand washing facilities, soap, toilet paper, and hand drying materials.
- 5) Waste bins must be strategically placed and emptied regularly.
- 6) Safe, clean storage areas must be provided for workers to store personal belongings and personal protective equipment.
- 7) Workers must not be exposed to hazardous materials/substances while eating and must be provided with sheltered eating areas.

2.8.4 Alcohol and other Drugs

- 1) No alcohol and other drugs will be allowed on site without the express permission of the Principal Contractor.
- 2) No person may be under the influence of alcohol or any other drugs while on the construction site.
- 3) Any person on prescription drugs must inform his/her Employer, who shall in turn report this to the Principal Contractor forthwith.
- 4) Any person suffering from any illness/condition that may have a negative effect on his/her safety performance must report this to his/her Employer, who in turn must report this to the Principal Contractor forthwith.
- 5) Any person suspected of being under the influence of alcohol or other drugs must be sent home immediately, to report back the next day for a preliminary inquiry. A full disciplinary procedure must be followed by the Contractor concerned and a copy of the disciplinary action must be forwarded to the Principal Contractor for his records.



2.9 Electrical fencing.

- 1) Contractor must comply with sect 12, 13 and 14 of the Electrical Machinery Regulations.

2.10 Managing Exposure to SARS-COV-2

- 1) On the expiry of the declaration of the National State of Disaster under GN313 OF 15 March 2020, Notice No.R.1876 has been issued for the provision of Good Code of Practice: Managing Exposure to SARS-COV-2 in the Workplaces.
- 2) The Regulations for Hazardous Biological Agents, 2022 (HBA Regulations) list coronavirus as a listed hazardous biological agent, classed as group 3. It therefore places legal responsibilities on employers in respect of employers to limit the exposure and mitigate the risks of infection by SARS CoV-2.



ANNEUXRE A

The Contractor must submit proof of compliance with Annexure A with the construction phase H&S plan where applicable.

| HSS Item No. | Requirement | OHS Act Requirement | Submission Date |
|---------------------|--|---|-----------------------------|
| 2.3.1 | Notification of Intention to Commence Construction/Building Work | Complete Annexure 2 (Construction Regulations) | Before commencement on site |
| 2.3.2 | Assignment of Responsible Persons | All relevant appointments as per OHS Act, Con Regs and Annexure B | Together with SHE Plan |
| 2.3.3 | Competence of Responsible Persons | Client Requirement & OHS Act | Together with SHE Plan |
| 2.3.4 | Compensation of Occupational Injuries and Diseases Act (COIDA) 130 of 1993 | Construction Reg and Client Requirement | Together with SHE Plan |
| 2.3.5 | Occupational Health and Safety Policy | OHS Act | Together with SHE Plan |
| 2.3.6 | Health and Safety Organogram | Client Requirement | Together with SHE Plan |
| 2.3.7 | Initial Hazard Identification and Risk Assessment | Construction Regs. | Together with SHE Plan |



ASSIGNMENT OF CONTRACTOR'S RESPONSIBLE PERSONS

ANNEXURE B

The Principal Contractor shall make the following appointments according to the initial risk assessment or as deemed necessary: (further appointments could become necessary as the project progresses)

| Appointment | OHSA Reference | Requirement abbreviated |
|---|-----------------------|---|
| CEO Assignee | Section 16(2) | A competent person to assist with the on-site H&S, overall responsibility – Contractor's Responsible Person |
| Construction Manager | CR 8(1) | A competent person(s) to supervise and be responsible of Health & Safety related issues on site. The person is appointed to assist the CEO with his/her overall duties. |
| Construction Work Supervisor | CR 8(7) | A competent person(s) to supervise and be responsible of Health & Safety related issues on site. The person is appointed to assist the CEO with his/her overall duties. |
| Subordinate Construction Work Supervisors | CR 8(8) | A competent person to assist with daily supervision of construction work. The person assists the Construction Work Supervisor. |
| Health and Safety Officer | CR 8(5) | A competent Health and Safety officer in the control of all safety related aspects on site for the duration of the repair phase of this project. |
| Health & Safety | Section 17 | A competent person(s) to inspect H&S in reference to plant, machinery and Health & Safety of persons in the workplace. |
| Health & Safety Committee Member(s) | Section 19 | A competent person(s) representing the employer to assist with the on site Health & Safety matters. |
| Incident /Accident Investigator | GAR 8 | A competent person(s) to investigate incidents/accidents on site and could be: <ul style="list-style-type: none">• The employer• H&S Representative• Designated person• Members of the H&S Committee |
| Risk Assessment Co-ordinator | CR 9 | A competent person(s) to co-ordinate all risk assessments on behalf of the Principal Contractor. The same applies to Contractors. |
| Fall Protection Plan Co-ordinator | CR 10 | A competent person(s) to prepare & amend the fall protection plan. |
| First Aiders | GSR 3 | A qualified person(s) to address all on site first aid cases. |
| Lifting Machine & Equipment inspector | DMR 18 | A competent person(s) to inspect lifting machines, equipment & tackle. |
| Scaffolding Erector | CR 16.1 | A competent person(s) to erect scaffolding |



| | | |
|--|-------------|--|
| Scaffolding Inspector | CR 16.2 | A competent person(s) to inspect scaffolding before use and every time after bad weather etc |
| Temporary Works | CR 12 | A competent person(s) to inspect formwork & support work |
| Excavation Inspector | CR 13 | A competent person(s) to inspect excavation work and ensure that approved safe working procedures, are followed at all times |
| Ladder Inspector | GSR 13A | A competent person(s) to inspect monthly and ensure they are safe for use, keeping monthly record |
| Stacking Supervisor | CR 28 | A competent person(s) to supervise all stacking and storage operations |
| Demolition Supervisor | CR 14(1) | A competent person(s) to supervise all demolition work |
| Explosive Powered Tools Inspector/Supervisor | CR 21 | A competent person(s) to inspect & clean the tool daily and controlling all operations thereof. |
| Temporary Electrical Installations Supervisor | CR 24 | A competent person(s) to control all temporary electrical installations. |
| Construction vehicles and Mobile Plant Supervisor. | CR 23(1)(k) | A competent person to inspect vehicles and plant on a daily basis prior to use and record such finding in register. |
| Fire-Fighting Equipment Inspector | CR 29 | A competent person(s) to inspect fire-fighting equipment with required training certificate. |



OTHER REQUIREMENTS

ANNEXURE C

The Principal Contractor shall comply but not be limited to the following requirements: report on these to the Client at progress meetings or at least monthly whichever is sooner.

| What | When | Output | Accepted by Client & date |
|-------------------------------------|--|---|---------------------------|
| Induction training | Every worker before he/she starts work. | Attendance registers | |
| Awareness Training (Tool Box Talks) | At least weekly | Attendance registers | |
| Health & Safety Reports | Monthly | Report covering: <ul style="list-style-type: none"> Incidents/accidents and investigations Non conformances by employees & External H&S audit reports | |
| Emergency procedures | Ongoing evaluation of procedure | Table procedure in writing as well as tel. Numbers | |
| Risk assessment | Continuous | Documented risk assessment | |
| Safe work procedures | Drawn up before workers are exposed to new risks | Documented set of safe work procedures (method statements) updated and signed off. | |
| General Inspections | Weekly & daily | Report OHS Act compliance: <ul style="list-style-type: none"> Scaffolding Excavations Formwork & support work Explosive tools | |
| General Inspections | Monthly | <ul style="list-style-type: none"> Fire-fighting equipment Portable electrical equipment Ladders Lifting equipment/slides | |
| List of contractors | List to be updated weekly | Table list, number of workers and Company tel. Numbers | |
| Workmen's Compensation | Ongoing | Table a list of Contractors' Workman's Compensation proof of good standing | |



| | | | |
|--|---------|---|--|
| Construction site rules & Section 37.2 Mandatory Agreement | Ongoing | Table a report of all signed up Mandatory's | |
| SARS-CoV-2 – Good Code of Practice reads with HBA | Ongoing | Prepare risk assessment and plan | |

ANNEXURE D

Project/site Specific Requirements

The following is a list of activities and considerations that have been identified for the project and site and for which the Risk Assessment, Standard Working Procedures (SWP), management and control measures and Method Statements (where necessary) have to be developed by the Principal Contractor.

- Demolition work
- Brick work
- Concrete work
- Creating openings in walls
- Preparation of paint surfaces
- Painting of walls
- Working with cement products
- Dust
- Metal/Steel work
- Exposure to noise
- Establishment of site office
- Locating of existing services
- Loading and offloading of trucks
- Aggregate/sand and other material delivery
- Protection against dehydration and heat exhaustion
- Manual and mechanical handling
- Lifting and lowering operations.
- Use of Potable electrical Equipment
 - Angle grinder
 - Electric Drilling Machine
 - Skill Saw
- Use and storage of flammable liquids and other Hazardous substances
- Site works
- Excavations
- Electrical installation work
- Mechanical works
- Working in the vicinity of the public and staff of the client
- Working at heights
- Working with construction machinery and plant



- Persons working in close vicinity of construction machinery and plant.
- Hot works i.e. Welding, flame cutting etc.

NOTE:

The above list is by no means exhaustive and should not be limited to these activities but must cover all activities that forms part of the said construction work. Each activity must be split down to individual tasks and all associated hazards identified and listed in the risk assessment. This ensures that the critical tasks and subsequent critical hazards are not missed.

NB:-

Although some of the work related to health and safety work is mentioned /noted in certain measured items in the bill of quantities it is still the contractor's responsibility to allow in his tender price for all work related to health and safety and the requirements as per this Health and Safety Specification.



public works
& infrastructure

Department:
Public Works and Infrastructure
REPUBLIC OF SOUTH AFRICA

C4 Site Information

**CAPE TOWN : PARLIAMENTARY
PRECINCT : UPGRADING AND
RECONFIGURATION OF VARIOUS KITCHENS
INCLUDING REPLACEMENT OF EQUIPMENT
AND ASSOCIATED WORKS**

C4 :Site Information

The site is located within the Parliament Precinct, Parliament Street, Cape Town