



TENDER

TERM TENDER CONTRACT FOR PLUMBING MAINTENANCE AND REPAIRS AT VARIOUS GOVERNMENT BUILDINGS IN SARAH BAARTMAN REGION, FOR A PERIOD OF TWO (2) YEARS.

SCMU5-23/24/0003SB

NAME OF COMPANY:

CSD Nr:

CRS Nr (CIDB):

CLOSING DATE: 24 OCTOBER 2023

TIME: 11:00 am

**Department of PUBLIC WORKS & INFRASTRUCTURE
Old Ford House Building
55 Albany Road
Central
Gqeberha
6001**



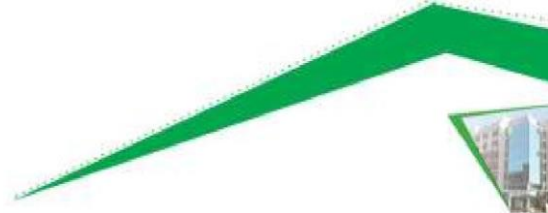
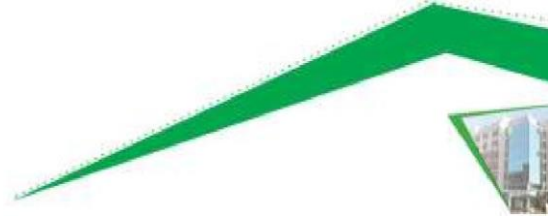
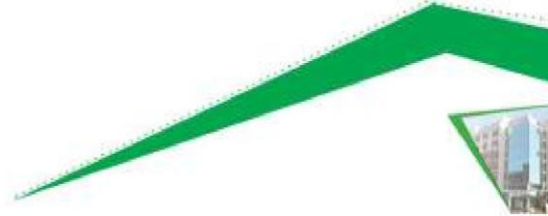


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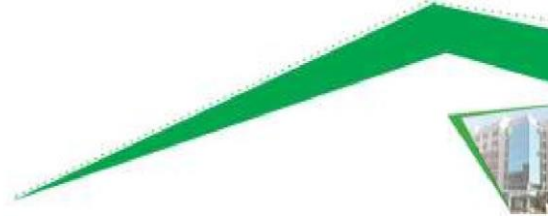
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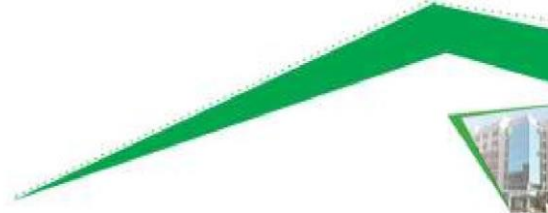
THE TENDER



PART T1 TENDERING PROCEDURES



PART T1.1: TENDER NOTICE AND INVITATION TO TENDER



T1.1 Tender Notice and Invitation to Tender

The Eastern Cape Department of Public Works and Infrastructure invites contractors with a CIDB Grading of **3SO or Higher** in the following Class of works **Plumbing (SO)** to tender for the **“GENERAL TERM TENDER CONTRACT FOR PLUMBING MAINTENANCE AND REPAIRS AT VARIOUS GOVERNMENT BUILDINGS IN SARAH BAARTMAN REGION, FOR A PERIOD OF TWO (2) YEARS.”** for a **Two Year** contract. The contract will be based on the GCC and the Eastern Cape Public Works and Infrastructure will enter into a contract with the successful tenderer.

Only tenderers who have suitable experience and suitably qualified personnel in providing similar services to those that are required are eligible to submit tenders.

Bid documents are downloadable free of charge from the Department of Public Works and Infrastructure website (www.ecdpw.gov.za/tenders) or from the National Treasury's tender portal (<http://www.etender.gov.za/content/advertised-tenders>). Bid documents will be available on **22 September 2023**. **No bid documents will be available at departmental offices.**

Queries relating to the issue of these documents may be addressed in writing through email to: Alex.hitzeroth@ecdpw.gov.za **Technical enquiries:** may be addressed in writing to **Mr. Mkuseli Ntantiso** – email: Mkuseli.ntantiso@ecdpw.gov.za

The closing time for receipt of tenders by the ECDPWI is **11:00am on 24 October 2023**. Tender will be open in public and results to be further published on the departmental website (www.ecdpw.gov.za/tenders)

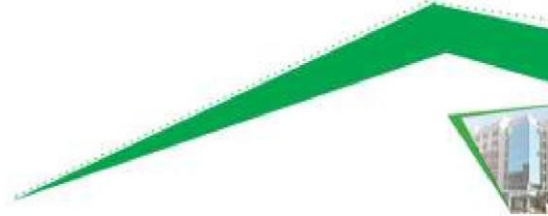
It is the responsibility of the tenderer/s to ensure that bid documents /proposals are submitted on or before closing time and the correct location as the department will not take responsibility of wrong delivery. Tenderers using courier services for delivery of their bid documents must ensure the delivery is at the correct place / location and time as the department will not be held responsible for wrong delivery. Not delivered to Departmental officials. The Department will not accept responsibility if bids received by officials are not timely deposited in the Bid Box.

Tenders may only be submitted on the tender documentation that is issued. Tenderers must be registered on the National Treasury Central Supplier Data Base and proof of registration must be submitted with the proposal (<https://secure.csd.gov.za>).

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

B. TENDER SUBMISSIONS:

Bids must be submitted in sealed envelopes clearly marked **“SCMU5-23/24/0003SB”**: **“TERM TENDER CONTRACT FOR PLUMBING MAINTENANCE AND REPAIRS AT VARIOUS GOVERNMENT BUILDINGS IN SARAH BAARTMAN REGION, FOR A PERIOD OF TWO (2) YEARS.”** and must be deposited in the bid box, Ground Floor, Department of Public Works & Infrastructure, Old Ford House Building, Albany Road, Central, Gqeberha.



C. BID EVALUATION:

This bid will be evaluated in Two (2) phases as follows:

Phase One: Compliance, responsiveness to the bid rules and conditions.

Phase Two: Preferential Procurement Policy Framework Act (PPPFA), and Preferential Procurement Regulations 2022.

PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT (PPPFA) AND PREFERENTIAL PROCUREMENT REGULATIONS 2022 POINTS WILL BE AWARDED AS FOLLOWS:

Maximum points on price	-	80 points
Maximum points for Specific Goals	-	20 points
Maximum points	-	100 points

C. BID SPECIFICATIONS, CONDITIONS AND RULES

1. The minimum specifications, other bid conditions and rules are detailed in the bid document under Tender Data
2. The Department of Public Works and Infrastructure SCM policy applies.
3. Tender validity period is **120 days**.

D. ENQUIRIES WITH REGARD TO THIS ADVERT MAY BE DIRECTED TO:

- **SCM RELATED ENQUIRIES**

Mr A. Hitzeroth

Tel No: **041 390 9067/ 079 520 4510** (during office hours)

Email Address: Alex.Hitzeroth@ecdpw.gov.za

- **TECHNICAL ENQUIRIES**

Mr. M. Ntantiso

Tel No.: **041 390 9169/ 063 686 8380** (during office hours)

Email Address: mkuseli.ntantiso@ecdpw.gov.za

- **OCCUPATIONAL HEALTH & SAFETY**

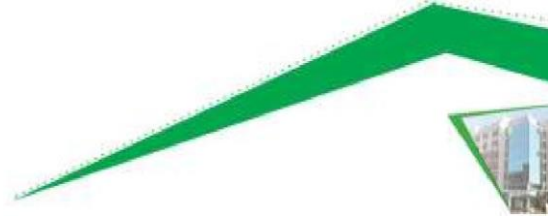
Mrs. Z Ncanywa

Tel No: **041 390 9178/ 079 883 3946** (during office hours)

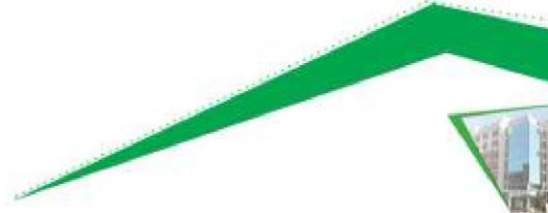
Email Address: zintle.ncanywa@ecdpw.gov.za

FOR COMPLAINTS, FRAUD, & TENDER ABUSE:

Call: 0800 701 701



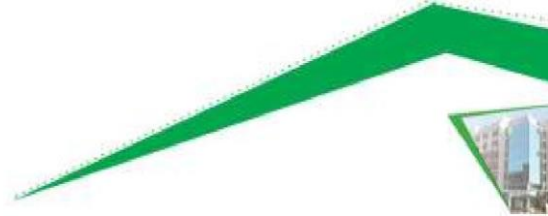
PART T1.2: TENDER DATA



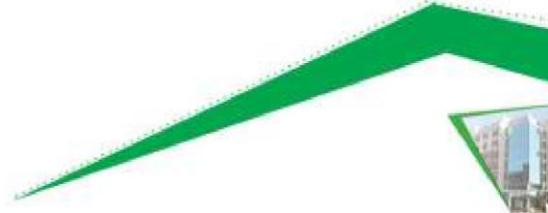
T1.2 Tender Data

The conditions of tender are the latest edition of SANS 10845-3, *Standard conditions of tender*. SANS 10845-3 makes 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 provisions of SANS 10845-3 and as contained in **Annexure C of Standard for Uniformity in Construction Procurement (Board Notice 423 of 2009 Government Gazette No 42622 of August 2019)**. Each item of data given below is cross-referenced to the clause in SANS 10845-3 to which it mainly applies

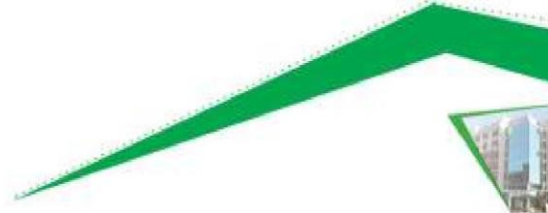
Clause number	Tender Data
3.1	The Employer is Public Works and Infrastructure – Eastern Cape
3.2	The tender documents issued by the employer comprise the following documents: THE TENDER Part T1: Tendering procedures T1.1 - Tender notice and invitation to tender T1.2 - Tender data Part T2: Returnable documents T2.1 - List of returnable documents T2.2 - Returnable schedules THE CONTRACT Part C1: Agreements and Contract data C1.1 - Form of offer and acceptance C1.2 - Contract data C1.3 - Dispute Resolution Mechanism Part C2: Pricing data C2.1 - Pricing Instructions C2.2 - Bills of Quantities Part C3: Scope of work C3 - Scope of work Part C4: Site information C4 - Site information
3.3	The tender documents issued by the employer comprise the documents listed on the contents page
3.4	The employer's agent is: Name: Mr. M. Ntantiso Department of PUBLIC WORKS & INFRASTRUCTURE Old Ford House Building, Tel: 041 390 9169 Fax: 041 390 2066 Email Address: Mkuseli.ntantiso@ecdpc.gov.za
3.5	The language for communications is English
3.6	The competitive negotiation procedure shall be applied.
3.7	Method 2: Two (2) stage procurement procedure shall be applied.
4	Tender's obligations



4.1	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: 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) of 25(7A) of the Construction Industry Development Regulations, for a CIDB Grade 3 SO or Higher class of construction work; and Joint ventures are eligible to submit tenders provided that: 1. every member of the joint venture is registered with the CIDB; 2. the lead partner has a contractor grading designation in the CIDB Grade 2 or higher class of construction work (SO); 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 for a CIDB Grade 3 SO or higher class of construction work or a value
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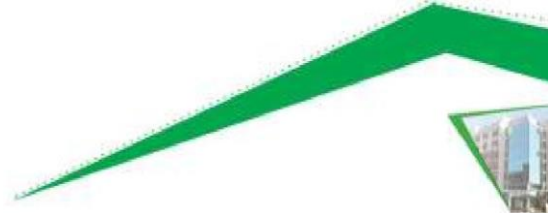


	determined in accordance with Regulation 25 (1B) of 25(7A) of the Construction Industry Development Regulations. 4.Joint Venture Agreement.
4.2	The employer will compensate the tender as follows JBCC Edition 6.2 of 2018 The employer will not compensate the tenderer for any costs incurred in attending interviews or making any submissions in the office of the employer.
4.3	It is the responsibility of the tenderer to check the tender documents on receipt for completeness and notify the employer of any discrepancy or omission.
4.4	Confidentiality and copyright of documents Treat as confidential all matters arising in connection with the tender. Use and copy the documents issued by the employer only for the purpose of preparing and submitting a tender offer in response to the invitation.
4.5	Obtain, as necessary for submitting a tender offer, copies of the latest versions of standards, specifications, conditions of contract and other publications, which are incorporated into the tender documents by reference.
4.6	Acknowledge receipt of addenda to the tender documents, which the employer may issue, and, if necessary, apply for an extension to the closing time stated in the tender data, in order to take the addenda into account.
4.7	The arrangements for a compulsory clarification meeting are as stated in the Tender Notice and Invitation to Tender. N/A Tenderers must sign the attendance list in the name of the tendering entity. N/A Addenda will be issued to and tenders will be received only from those tendering entities appearing on the attendance list. N/A Tender documents will not be made available at the clarification meeting
4.8	Seek clarification <i>Request clarification of the tender documents, if necessary, by notifying the employer at least 7 (Seven) working days before the closing time stated in the tender data.</i>
4.9	Tenderers are required to state the rates and currencies in Rands. Include in the rates, prices, and the tendered total of the prices (if any), all duties, taxes which the law requires to be paid [except value added tax (VAT)], and other levies payable by the successful tenderer, that are applicable 14 days before the closing time stated in the tender data. Show the VAT payable by the employer separately as an addition to the tendered total of the prices. Provide rates and prices that are fixed for the duration of the contract and not subject to adjustment except as provided for in the conditions of contract identified in the contract data. State the rates and prices in monetary value of the contract unless otherwise instructed in the tender data.
4.10	Do not make any alterations or additions to the tender documents, except to comply with instructions issued by the employer or to correct errors made by the tenderer and ensure that all signatories to the tender offer initial all such alterations. Do not make erasures using masking fluid.
4.11	Main tender offers are not required to be submitted together with alternative tenders.
4.12	No alternative tender offers will be considered
4.13.1	Parts of each tender offer communicated on paper shall be submitted as an original. Submit a) the parts of the tender offer communicated on paper as an original plus the number of copies stated in the tender data, with a translation of any documentation in a language other than the language of communication established in 3.5, and b) the parts communicated electronically by the employer of its agents on paper format with the tender.

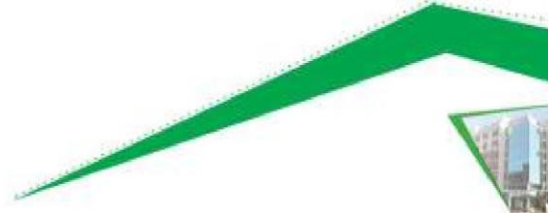


4.13.2	Sign the original and all copies of the tender offer where required in terms of the tender data. State in the case of a joint venture which of the signatories is the lead partner whom the employer shall hold liable for the purpose of the tender offer. NOTE The employer holds all authorized signatories liable on behalf of the tenderer.
4.13.3	A tender security in the amount of N/A is required and shall remain valid for a period not exceeding N/A days after the closing date for tender offers. The form of the tender security shall not differ substantially from the sample provided in Annex D of SANS 10845-3.
4.13.4	The employer's details and address for delivery of tender offers and identification details that are to be shown on each tender offer package are:

	Location of tender box: Ground Floor, Old Ford House Building, Physical address: 55 Albany Road, Central, Gqeberha 6001 Identification details: SCMU5-23/24/0003SB TERM TENDER CONTRACT FOR PLUMBING MAINTENANCE AND REPAIRS AT VARIOUS GOVERNMENT BUILDINGS IN SARAH BAARTMAN REGION, FOR A PERIOD OF TWO (2) YEARS. Closing date: 24 OCTOBER 2023 at 11:00am
4.13.5	The tenderer is required to submit with his tender the following certificates: 1) a copy of the CSD report showing, amongst other things, that tax matters of the service provider are in order the South African Revenue Services. <i>In the case of a Joint Venture/Consortium/Sub- contractors each party must submit a separate CSD report showing, amongst other things, that tax matters of the service provider are in order the South African Revenue Services.</i> 2) CIDB Grading certificate or CRS number.
4.13.6	A two-envelope procedure will not be required.
4.13.7	Telephonic, telegraphic, telex, facsimile or e-mailed tender offers will not be accepted. The tenderer accepts that the employer does not assume any responsibility for the misplacement or premature opening of the tender offer if the outer package is not sealed and marked as stated.
4.14	The closing time for submission of tender offers is as stated in the Tender Notice and Invitation to Tender. Ensure that the employer receives the tender offer at the address specified in the tender data not later than the closing time stated in the tender data. Proof of posting shall not be accepted as proof of delivery. Accept that, if the employer extends the closing time stated in the tender data for any reason, the requirements of the standard conditions of tender in this part of SANS 10845 apply equally to the extended deadline.
4.15.1	The tender offer validity period is 120 days . Hold the tender offer(s) valid for acceptance by the employer at any time during the validity period stated in the tender data after the closing time stated in the tender data. If requested by the employer, consider extending the validity period stated in the tender data for an agreed additional period, with or without any conditions attached to such extension. Extend the period of the tender security, if any, to cover any agreed extension requested by the employer.



4.15.2	Placing of contractors under restrictions / withdrawal of tenders If any tenderer who has submitted a tender offer or a contractor who has concluded a contract has, as relevant: withdrawn such tender or quotation after the advertised closing date and time for the receipt of submissions; after having been notified of the acceptance of his tender, failed or refused to commence the contract; had their contract terminated for reasons within their control without reasonable cause; offered, promised or given a bribe in relation to the obtaining or the execution of such contract; acted in a fraudulent, collusive or anti-competitive or improper manner or in bad faith towards the Provincial Government; or, made any incorrect statement in any affidavit or declaration with regard to a preference claimed and is unable to prove to the satisfaction of the Provincial Government that the statement was made in good faith or reasonable steps were taken to confirm the correctness of the statements, such tenderer/s may be placed under restriction from tendering with the state. Procedures are outlined in the EC SCM Policy for Infrastructure procurement and Delivery Management and also on cidb Inform Practice Note #30. Excerpts of the policy can be availed on request of any interested tenderer.
4.16	Access shall be provided for the following inspections, tests and analysis: N/A
4.17	the preferred tenderer will be required to submit an approved insurer undertaking to provide the Performance Bond / Guarantee / Surety / Security to the format and/or standard as per DPWI policy
5	Employer's undertakings
5.1	The Employer will respond to requests for clarification received up to Seven (7) working days before the tender closing time. If, as a result of the issuing of addenda, it is necessary to extend the closing time stated in the tender data, grant such extension and notify all respondents accordingly.
5.2	The employer shall issue addenda until Seven (7) working days before tender closing time.
5.3	Tenders will be opened immediately after the closing time for tenders at 11:00am hours .
5.4	Do not disclose to tenderers, or to any person not officially concerned with such processes, information relating to the evaluation and comparison of tender offers, the final evaluation price and recommendations for the award of a contract, until after the award of the contract to the successful tenderer.
5.5	Determine, after opening and before detailed evaluation, whether each tender offer that was properly received a) complies with the requirements of the standard conditions of tender in this part of SANS 10845, b) has been properly and fully completed and signed, and c) is responsive to the other requirements of the tender documents. A responsive tender is one that conforms to all the terms, conditions, and scope of work of the tender documents, without material deviation or qualification. A material deviation or qualification is one which, in the employer's opinion, would d) detrimentally affect the scope, quality, or performance of the works, services or supply identified in the scope of work, e) significantly change the employer's or the tenderer's risks and responsibilities under the contract, or f) affect the competitive position of other tenderers presenting responsive tenders, if it were to be rectified. Reject a non-responsive tender offer, and do not allow it to be subsequently made responsive by correction or withdrawal of the non-conforming deviation or reservation.
5.6	Arithmetical errors, omission and discrepancies Check responsive tenders for discrepancies between amounts in words and amounts in figures. Where there is a discrepancy between the amounts in figures and the amount in words, the amount in words shall govern. For Vat related discrepancies, National and Provincial Treasury prescripts in relation to VAT procedures apply.



5.7.1

Table F.1: Formulae for calculating the value of A

Formula	Comparison aimed at achieving	Option 1 ^a	Option 2 ^a
1	Highest price or discount	$A = \left(1 + \frac{(P - P_m)}{P_m}\right)$	$A = \frac{P}{P_m}$
2	Lowest price or percentage commission / fee	$A = \left(1 - \frac{(P - P_m)}{P_m}\right)$	$A = \frac{P_m}{P}$
^a P_m is the comparative offer of the most favourable comparative offer. P is the comparative offer of the tender offer under consideration.			

comparative basis using the Tender Assessment Schedule.

The financial offer will be reduced to a

5.7.2

The procedure for the evaluation of responsive tenders is **Method 2: Administrative Compliance, Price and Preference**

Phase 1: Administrative requirements and Mandatory requirements

Phase 2: Price and preference (80/20 system)

1. PHASE ONE: RESPONSIVENESS TO THE BID REQUIREMENTS AND RULES

Bidders' proposals must meet the following minimum requirements and supporting documents must be submitted with the completed bid document in a sealed envelope in the bid box at the closing date and time. Failure to comply will automatically eliminate the bid for further consideration:

1. Bid Document (This Document must be submitted in its original format)

2. Bids which are late, incomplete, unsigned or submitted by facsimile or electronically, will not be accepted.

3. Bidder must be registered with CIDB in the correct grading and class of works as per the tender notice and requirements. The status on CIDB must be active. It is the responsibility of the bidder to keep the status on CIDB active throughout bidding process (advert till award stage).

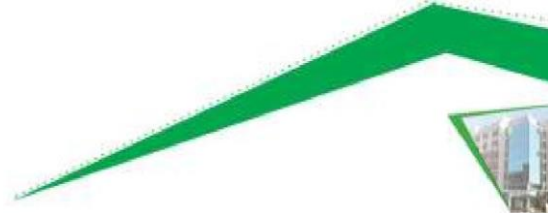
4. Bidders must be a legal entity or partnership or consortia.

5. Form of offer and Acceptance (fully completed and signed). *The amount reflected on the Form of Offer and Acceptance takes precedence over any other total amount indicated elsewhere in tenderer's tender submission. If the Form of Offer and Acceptance has no value or figure, the tenderer will be regarded as having made no offer. If the Bid Sum (amount in words) differ from the Bid Sum (amount in figures), the Bid Sum (amount in words) will govern.*

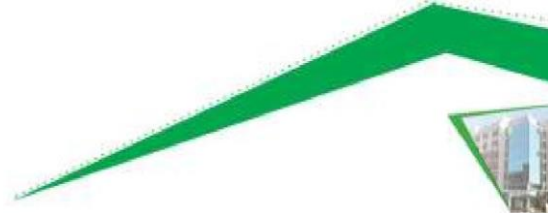
6. SBD 4- Declaration of Interest (fully completed and signed). **SBD4 must be duly completed and signed. Does the bidder or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest in the enterprise have any interest in any other related enterprise whether or not they are bidding for this contract, such interest must be disclosed on question 2.3.1.**

7. Compulsory Enterprise Questionnaire (Completed and signed) (JV partners must complete separate Questionnaire forms and submit).

The financial offer will be reduced to a



	8. Resolution to Sign (must be completed, if applicable). 9. Declaration of Employees of the State or other State Institutions. 10. Only one offer per bidder is allowed and alternative offers will not be considered. If more than one offer is received, none of the offers will be considered. 11. Bidders must be registered with IOPSA (Institute of Plumbing South Africa), proof of registration must be attached, failure to do so will automatically eliminate your quotation. 12. All work is to be undertaken and endorsed by a qualified/ registered Plumber artisan, and submit COC for all plumbing work related (including for the installation of a geyser & water reticulation). The bidder must include in his/her tender submission a proof that he/she is registered with Plumbing Industry Registration Board (PIRB) or any other approved Plumbing Association or Institute. Bidders must be able to certify their work by issuing a Plumbing Certificate of Compliance. A proof must show a registration number, valid registration or renewal date, name of a licensed plumbing practitioner or company. Failure to comply with this requirement the bidder will be eliminated.
	Other Conditions of bid (Non eliminating unless expressly mentioned in the document): - The bidder must be registered on the Central Supplier Database (CSD) prior the award - All bidders' tax matters must be in order prior to award. Bidders' tax matters will be verified through CSD. In cases where the bidder's status is found non-compliant, the bidder will be granted 7 days to correct the status. A bidder that fails to rectify its tax matters with SARS will be declared non-responsive. - The bidder has duly completed and signed the SBD 1, and SBD 6.1. 3.1 Bidders need to complete and sign SBD 6.1 to claim points for specific goals. Failure will lead to the non-awarding of points for specific goals. - Bidders must submit a minimum of three (3) written contactable references for projects successfully completed in the past (clearly indicating client name, contract value, contract term, and contact person, contact details). Refer to Annexure I and Annexure M. This is not an elimination factor, but important for the department to make a decision. Unless it is used for Quality/functionality Points. - Bidders must submit a list of projects where he or she has submitted tender offers but tender results have not been confirmed by the client. Refer to Annexure L. This is not an elimination factor, but important for the department to make a decision. Unless it is used for Quality/functionality Points. - Bidders must submit their company profiles, list of available resources, plant and machinery, and any other additional capacity with the bid. Refer to Annexures K and H. This is not an elimination factor, but important for the department to make a decision. Unless it is used for Quality/functionality Points. - The bidder must also list all projects where there are pending litigations or litigations that have been concluded. The form for this is also attached after Annexure J. - The Department will contract with the successful bidder by signing a formal contract. - This tender will be awarded as a whole. All trades listed in the Bills of Quantities or Pricing schedule must be priced for (except provisional sums and allowances which also need to be added to the total), failure to do so will increase the commercial risk of the bid and may lead to elimination or passing over of the bidder. - Wherever a brand name is specified in this document (i.e. specifications, pricing schedule, bill of quantities or anywhere), the department requires an item similar/equivalent or better. - DPWI Policy applies. - Protection of personal information: Consent (POPIA). - The successful tenderer (after being informed) will be required to bring along an unsigned copy of the form of contract to be signed by parties (e.g. JBCC Edition 6.2 of 2018).



2. PHASE TWO: EVALUATION POINTS ON PRICE AND SPECIFIC GOALS

The **80/20 preference point system** shall be applied for the purposes of this bid as per the requirements of the *Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000)* and Preferential Procurement Regulations 2022 (Price and Specific Goals)

Criteria	Points
POINTS ON PRICE	80
SPECIFIC GOALS	20
TOTAL	100

PLEASE NOTE:

1. Bidders need to complete and sign SBD 6.1 to claim points for specific goals.
2. **Failure on the part of a bidder to write the correct points in numbers/figures for each specific goal, it will be interpreted to mean that preference points for specific goals are not claimed. Therefore, the bidder will be awarded zero points.**
3. Number of points claimed for each specific goal will be verified through the Central Supplier Database (CSD).
4. The Department intends to award this to the highest point scorer as a whole, unless circumstances justifies otherwise.

The 80/20 preference point system for acquisition of services, works or goods up to Rand value of R50 million:

- (a) The following formula must be used to calculate the points for price in respect of tenders (including price quotation) with a Rand value equal to, or above R 30 000 and up to Rand value of R 50 000 000 (all applicable taxes included):

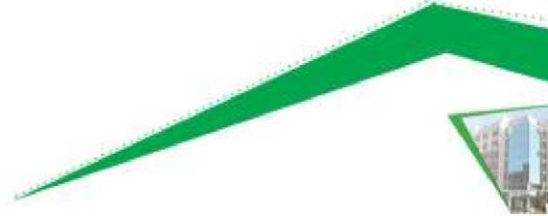
The financial offer will be scored using the following formula:

$$A = (1 - \frac{P - P_m}{P_m})$$

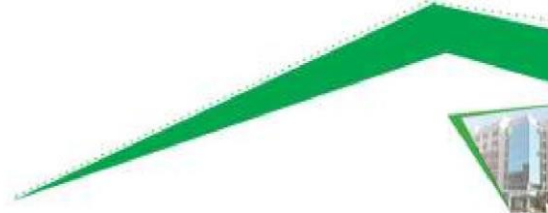
The value of value of W_1 is:

- 1) 90 where the financial value inclusive of VAT of all responsive tenders received have a value in excess of R50 000 000 or
- 2) 80 where the financial value inclusive of VAT of one or more responsive tender offers have a value that equals or is less than R 50 000 000.

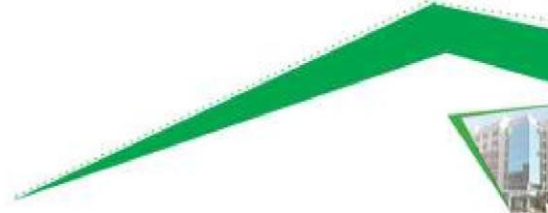
5.7.3	The procedure for the evaluation of responsive tenders is Method 2 (Administrative Compliance, price and preference)
5.7.4	The quality criteria and maximum score in respect of each of the criteria are as follows: N/A
5.7.5	Each evaluation criteria will be assessed in terms of five indicators – N/A
5.7.6	The prompts for judgment and the associated scores used in the evaluation of quality shall be as follows: N/A



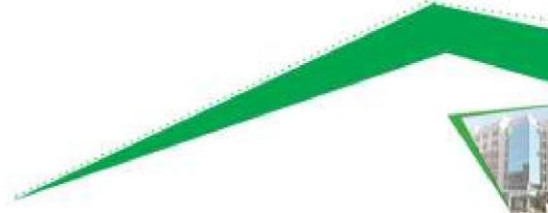
5.8	Tender offers will only be accepted if: a) the tenderer is registered on the Central Supplier Database (CSD) for the South African government (see https://secure.csd.gov.za/) unless it is a foreign supplier with no local registered entity b) the tenderer is in good standing with SARS according to the Central Supplier Database. Bidders must submit a CSD no. or tax status compliance pin. c) the preferred tenderer will be required to submit an approved insurer undertaking to provide the Performance Bond / Guarantee / Surety / Security to the format and/or standard within 21 days after the appointment. d) the tenderer is registered with the Construction Industry Development Board in an appropriate contractor grading designation; e) the tenderer or any of its directors/shareholders is not listed on the Register of Tender Defaulters in terms of the Prevention and Combating of Corrupt Activities Act of 2004 as a person prohibited from doing business with the public sector. f) the tenderer has not: i) abused the Employer's Supply Chain Management System; or ii) failed to perform on any previous contract and has been given a written notice to this effect. g) the tenderer has completed the Compulsory Declaration and there are no conflicts of interest which may impact on the tenderer's ability to perform the contract in the best interests of the employer or potentially compromise the tender process.
	h) the tenderer has completed the Compulsory Enterprise Questionnaire and there are no conflicts of interest that may impact the tenderer's ability to perform the contract in the best interests of the employer or potentially compromise the tender process and persons in the employ of the state are permitted to submit tenders or participate in the contract; i) the tenderer is registered and in good standing with the compensation fund or with a licensed compensation insurer; j) The tenderer undertakes to maximize the sourcing of building material or infrastructure input material from Eastern Cape based suppliers or manufacturers.



	k) the employer is reasonably satisfied that the tenderer has in terms of the Construction Regulations, 2014, issued in terms of the Occupational Health and Safety Act, 1993, the necessary competencies and resources to carry out the work safely. l) the tender has offered a market-related. If the offer is believed not to be market related, the department through its Supply Chain Management bid committees will attempt to negotiate the offer with identified bidder/s to a reasonable amount. Bidders are not allowed to increase their tender offers during this process. m) A Resolution of signatory form has been completed and signed by director/s or a letter bearing a letterhead of the tenderer has been attached (specific to this bid) to the bid submission; it must be duly signed by all directors and submitted the bid. Only a duly authorized official can sign the bid. n) NOTE: The amount reflected on the Form of Offer and Acceptance takes precedence over any other total amount indicated elsewhere in bidder's tender submission. If the Form of Offer and Acceptance has no value or figure, the bidder will be regarded as having made no offer. o) The department reserves the right not to award the bid to the most favourable tenderer, if any of the situations occur: if it is not assisting in the advancement of designated groups; risk profile of the favourable firm is too high; the bidder has been awarded a considerable number of projects by the department or provincial government; has performed unsatisfactorily in the past, etc.
5.9	The number of paper copies of the signed contract to be provided by the employer is 1.
	The additional conditions of tender are: ☐ Wherever a brand name is specified in this document (i.e., specifications, pricing schedule, bill of quantities or anywhere), the department requires an item similar/equivalent or better.
T.2.1	A. List of returnable documents
1	Documentation to demonstrate eligibility to have tenders evaluated i.e. List all documentation to demonstrate eligibility to have a submission evaluated. ☐ Appropriate CIDB grading suitable for the works (as stated in 4.1).
2	Returnable Schedules required for tender evaluation purposes The tenderer must fully and appropriately complete and sign the following returnable schedules as relevant: ☐ Record of Addenda to Tender Documents • Proposed amendments and qualifications • Compulsory Enterprise Questionnaire (In the case of a joint venture, separate enterprise questionnaires in respect of each partner must be completed and submitted). • SBD 1, 4, 6.1. • Protection of personal content: Consent • Form of Offer and Acceptance • Complete priced Bills of Quantities, including Final Summary • Certificate of Authority for Joint Ventures



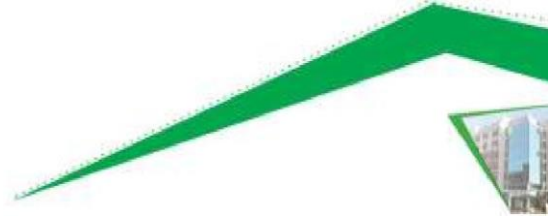
3	Other documents required for tender evaluation purposes The tenderer must provide the following returnable documents: • A CSD Report for a contractor with valid and correct information. • A letter of good standing from the Compensation Fund or a licensed insurer as contemplated in the Compensation for Occupational Injuries and Diseases Act 1993 (Act No. 130 of 1993)
4	Returnable Schedules that will be used for tender evaluation purposes and be incorporated into the contract The tenderer must complete the following returnable documents: □ A duly completed form of Offer and Acceptance (and any revision of prices if there are any).
5	Only authorized signatories may sign the original and all copies of the tender offer where required. • In the case of a ONE PERSON CONCERN submitting a tender, this shall be clearly stated. • In the case of a COMPANY submitting a tender, include a copy of a <u>resolution by its board of directors</u> authorizing a director or other official of the company to sign the documents on behalf of the company. • In the case of a CLOSE CORPORATION submitting a tender, include a copy of a <u>resolution by its members</u> authorizing a member or other official of the corporation to sign the documents on each member's behalf. • In the case of a PARTNERSHIP submitting a tender, <u>all the partners</u> shall sign the documents, unless one partner or a group of partners has been authorized to sign on behalf of each partner, in which case <u>proof of such authorization</u> shall be included in the Tender. • In the case of a JOINT VENTURE/CONSORTIUM submitting a tender, include <u>a resolution of each company</u> of the joint venture together with a <u>resolution by its members</u> authorizing a member of the joint venture to sign the documents on behalf of the joint venture. <u>Accept that failure to submit proof of authorization to sign the tender shall result in the tender offer being regarded as non-responsive.</u>
6	Information and data to be completed in all respects Accept that tender offers, which do not provide all the data or information requested completely and, in the form, required, may be regarded by the employer as nonresponsive.
7	Canvassing and obtaining of additional information by tenderers The Tenderer shall not make any attempt either directly or indirectly to canvass any of the Employer's officials or the Employer's agent in respect of his tender, after the opening of the tenders but prior to the Employer arriving at a decision thereon. The Tenderer shall not make any attempt to obtain particulars of any relevant information, other than that disclosed at the opening of tenders.
8	Prohibitions on awards to persons in service of the state The Employer is prohibited to award a tender to a person - a) who is in the service of the state; or b) if that person is not a natural person, of which any director, manager, principal shareholder or stakeholder is a person in the service of the state; or c) a person who is an advisor or consultant contracted with the Department or municipal entity. In the service of the state means to be - a) a member of:- a) any municipal council; b) any provincial legislature; or c) the National Assembly or the National Council of Provinces;



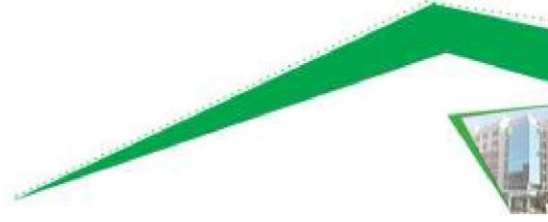
	d) a member of the board of directors of any municipal entity; e) an official of any Department or municipal entity; f) an employee of any national or provincial department; g) provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No.1 of 1999); h) a member of the accounting authority of any national or provincial public entity; or i) an employee of Parliament or a provincial legislature. In order to give effect to the above, the questionnaire for the declaration of interests in the tender of persons in service of state in part T2 of this procurement document must be completed.
9	Awards to close family members of persons in the service of the state Accept that the notes to the Employer's annual financial statements must disclose particulars of any award of more than R2000 to a person who is a spouse, child, or parent of a person in the service of the state (defined in clause 8 above), or has been in the service of the state in the previous twelve months, including - a) the name of that person;
	b) the capacity in which that person is in the service of the state; and c) the amount of the award. In order to give effect to the above, the questionnaire for the declaration of interests in the tender of persons in service of state in part T2 of this procurement document must be completed.
10	Respond to requests from the tenderer The employer will respond to requests for clarification up to 7 (seven) working days before the tender closing time.
11	Opening of tender submissions Tenders will be opened immediately after the closing time for tenders
12	Scoring quality / functionality: N/A
13	Cancellation and re. invitation of tenders An organ of state may, prior to the award of the tender, cancel the tender if. (a) due to changed circumstances, there is no longer a need for the services, works or goods requested; or (b) funds are no longer available to cover the total envisaged expenditure; or (c) no acceptable tenders are received. (d) Tender validity period has expired. (e) Gross irregularities in the tender processes and/or tender documents. (f) No market related offer received (after attempts of negotiation processes) Where applicable, the decision to cancel the tender will be published in the CIDB website and in the Tender Bulletin or the media in which the original tender invitation as advertised.
14	Dispute resolution mechanism will be done through the Adjudication route.



15	The department must when be acting against the tenderer or person awarded the contract on a fraudulent basis, considers the provisions of Regulation 14: The remedies provided for in Preferential Procurement Regulations 2017 do not prevent an institution from instituting remedies arising from any other prescripts or contract.
16	Where the employer terminates the contract due to default of the contractor in whole or in part, the employer may decide to: a) Refer the breach in contract to the cidb for investigation as a breach of the cidb Code of Conduct in terms of the cidb Regulations; or b) may impose a restriction penalty on the contractor in terms of Section 14 of the Preferential Procurement Regulations. The outcomes of such investigations in terms of both the cidb Regulations and the Preferential Procurement Regulations may prohibit the contractor from doing business with the public sector for a period not exceeding 10 years.



PART T2 RETURNABLE DOCUMENTS



PART T2.1: LIST OF RETURNABLE DOCUMENTS



T2.1 List of Returnable Documents

The tenderer must complete the following returnable documents:

1 Returnable Schedules required for bid evaluation purposes

- Compulsory enterprise questionnaire (In the case of a joint venture, separate enterprise questionnaires in respect of each partner must be completed and submitted).
- Record of addenda issued (Only if addenda is issued)
- Certificate of authority for joint ventures (Only where the tender/ quotation is submitted by a joint venture)

2 Other documents required for bid evaluation purposes

- Form of Offer and Acceptance
- Complete Priced Bills of Quantities & Final Summary

3 Returnable Schedules that will be incorporated into the contract

- Details of the Project Team and CV with Qualifications & Proof of Registration completed for each individual of proposed
- Schedule of Plant and Equipment
- Record of projects: current, past and on tender.
- Project References – at least 3
- SBD 1, 4, 6.1.
- Protection of personal content: Consent



PART A

INVITATION TO BID

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE DEPARTMENT OF PUBLIC WORKS & INFRASTRUCTURE

BID NUMBER:	SCM5-23/24/0003SB	CLOSING DATE:	24 OCTOBER 2023	CLOSING TIME:	11H00
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DESCRIPTION	TERM TENDER CONTRACT FOR PLUMBING MAINTENANCE AND REPAIRS AT VARIOUS GOVERNMENT BUILDINGS IN SARAH BAARTMAN REGION, FOR A PERIOD OF TWO (2) YEARS.
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BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT (STREET ADDRESS)

Ground Floor, Department of Public Works & Infrastructure, Old Ford House Building, Albany Road, Gqeberha

BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO		TECHNICAL ENQUIRIES MAY BE DIRECTED TO:	
CONTACT PERSON	Mr. Alex Hitzeroth	CONTACT PERSON	Mr. Mkuseli Ntantiso
TELEPHONE NUMBER	041 390 9067	TELEPHONE NUMBER	041 390 9169
FACSIMILE NUMBER	041 390 2066	FACSIMILE NUMBER	041 390 2066
E-MAIL ADDRESS	Alex.hitzeroth@ecdpw.gov.za	E-MAIL ADDRESS	Mkuseli.ntantiso@ecdpw.gov.za

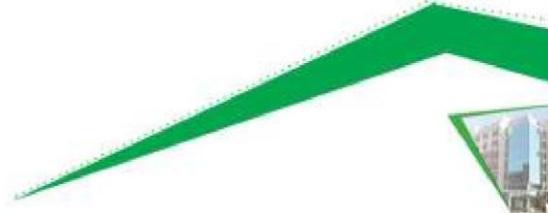
SUPPLIER INFORMATION

NAME OF BIDDER				
POSTAL ADDRESS				
STREET ADDRESS				
TELEPHONE NUMBER	CODE		NUMBER	
CELLPHONE NUMBER				
FACSIMILE NUMBER	CODE		NUMBER	
E-MAIL ADDRESS				
VAT REGISTRATION NUMBER				

SUPPLIER COMPLIANCE STATUS	TAX COMPLIANCE SYSTEM PIN:		OR	CENTRAL SUPPLIER DATABASE No:	MAAA
ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?	☐ Yes ☐ No [IF YES ENCLOSE PROOF]		ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?	☐ Yes ☐ No [IF YES, COMPLETE THE QUESTIONNAIRE BELOW]	

QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS

IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)?	☐ YES ☐ NO
DOES THE ENTITY HAVE A BRANCH IN THE RSA?	☐ YES ☐ NO
DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA?	☐ YES ☐ NO
DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA?	☐ YES ☐ NO
IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION?	☐ YES ☐ NO
IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 BELOW.	



PART B

TERMS AND CONDITIONS FOR BIDDING

1. BID SUBMISSION:
1.1. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.
1.2. ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED–(NOT TO BE RE-TYPED) OR IN THE MANNER PRESCRIBED IN THE BID DOCUMENT.
1.3. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT, 2000 AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2022, THE JBCC 6.2 OF 2018 CONTRACT AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.
1.4. THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A JBCC 6.2 OF 2018 CONTRACT.
2. TAX COMPLIANCE REQUIREMENTS
2.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.
2.2 BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VERIFY THE TAXPAYER'S PROFILE AND TAX STATUS.
2.3 APPLICATION FOR TAX COMPLIANCE STATUS (TCS) PIN MAY BE MADE VIA E-FILING THROUGH THE SARS WEBSITE WWW.SARS.GOV.ZA .
2.4 BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.
2.5 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.
2.6 WHERE NO TCS IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.
2.7 NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE, COMPANIES WITH DIRECTORS WHO ARE PERSONS IN THE SERVICE OF THE STATE, OR CLOSE CORPORATIONS WITH MEMBERS PERSONS IN THE SERVICE OF THE STATE."

SIGNATURE OF BIDDER:

.....

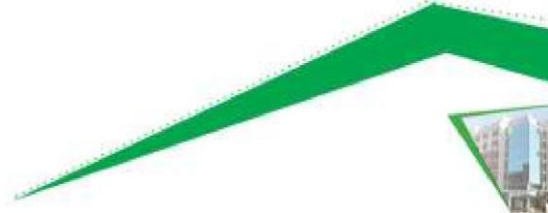
CAPACITY UNDER WHICH THIS BID IS SIGNED:

.....

(Proof of authority must be submitted e.g. company resolution)

DATE:

.....



Compulsory Enterprise Questionnaire

A

Compulsory Enterprise questionnaire

The following particulars must be furnished. In the case of a joint venture, separate enterprise questionnaires in respect of each partner must be completed and submitted.

Section 1: Name of enterprise:

Section 2: VAT registration number, if any:

Section 3: CIDB registration number, if any:

Section 4: Particulars of sole proprietors and partners in partnerships

Name*	Identity number*	Personal income tax number*

** Complete only if sole proprietor or partnership and attach separate page if more than 3 partners*

Section 5: Particulars of companies and close corporations

Company registration number

Close corporation number

Tax reference number

Section 6: The attached SBD 4 must be completed for each tender and be attached as a tender requirement.

Section 7: The attached SBD 6.1 must be completed for each tender and be attached as a requirement.

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

- authorizes the Employer to obtain a tax clearance certificate from the South African Revenue Services that my / our tax matters are in order;
- confirms that the neither the name of the enterprise or the name of any partner, manager, director or other person, who wholly or partly exercises, or may exercise, control over the enterprise appears on the Register of Tender Defaulters established in terms of the Prevention and Combating of Corrupt Activities Act of 2004; iii) confirms that no partner, member, director or other person, who wholly or partly exercises, or may exercise, control over the enterprise appears, has within the last five years been convicted of fraud or corruption;
- confirms that I / we are not associated, linked or involved with any other tendering entities submitting tender offers and have no other relationship with any of the tenderers or those responsible for compiling the scope of work that could cause or be interpreted as a conflict of interest; and
- confirms that the contents of this questionnaire are within my personal knowledge and are to the best of my belief both true and correct.

Signed

Date

.....

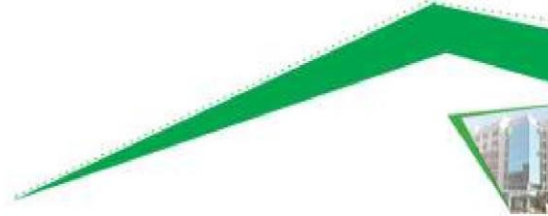
.....

Name

Position

.....

.....



SBD 4

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 interest¹ 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

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:

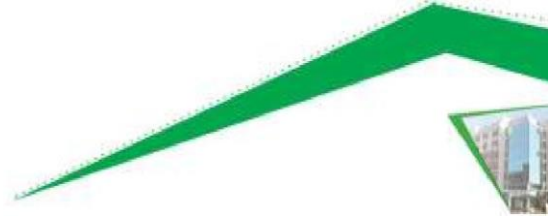
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2.3 Does the bidder or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest in the enterprise have any interest in any other related enterprise whether or not they are bidding for this contract? **YES/NO**

2.3.1 If so, furnish particulars:

.....
.....

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.



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.
- 3.4 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.
- 3.5 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.
- 3.6 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.

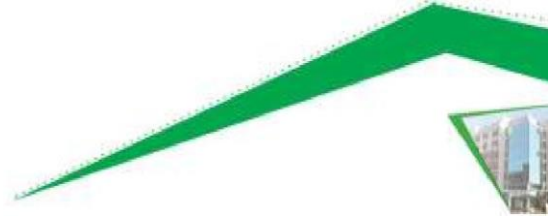
.....
Signature

.....
Date

.....
Position

.....
Name of bidder

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.*



SBD 6.1

PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022

This preference form must form part of all tenders invited. It contains general information and serves as a claim form for preference points for specific goals.

NB: BEFORE COMPLETING THIS FORM, TENDERERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF THE TENDER AND PREFERENTIAL PROCUREMENT REGULATIONS, 2022

1. GENERAL CONDITIONS

1.1 The following preference point systems are applicable to invitations to tender:

- 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 To be completed by the organ of state

- a) The applicable preference point system for this tender is the **80/20** preference point system.
- b) The lowest acceptable tender will be used to determine the accurate system once tenders are received.

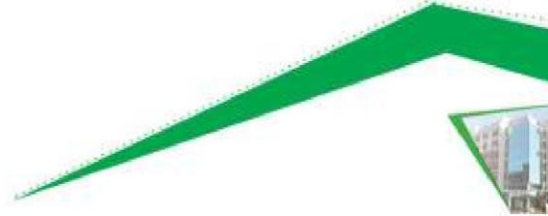
1.3 Points for this tender (even in the case of a tender for income-generating contracts) shall be awarded for:

- (a) Price; and
- (b) Specific Goals.

1.4 To be completed by the organ of state:

The maximum points for this tender are allocated as follows:

	POINTS
PRICE	80
SPECIFIC GOALS	20
Total points for Price and SPECIFIC GOALS	100



- 1.5 Failure on the part of a tenderer to submit proof or documentation required in terms of this tender to claim points for specific goals with the tender, will be interpreted to mean that preference points for specific goals are not claimed.
- 1.6 The organ of state reserves the right to require of a tenderer, either before a tender is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the organ of state.

2. DEFINITIONS

- (a) **“tender”** means a written offer in the form determined by an organ of state in response to an invitation to provide goods or services through price quotations, competitive tendering process or any other method envisaged in legislation;
- (b) **“price”** means an amount of money tendered for goods or services, and includes all applicable taxes less all unconditional discounts;
- (c) **“rand value”** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;
- (d) **“tender for income-generating contracts”** means a written offer in the form determined by an organ of state in response to an invitation for the origination of income-generating contracts through any method envisaged in legislation that will result in a legal agreement between the organ of state and a third party that produces revenue for the organ of state, and includes, but is not limited to, leasing and disposal of assets and concession contracts, excluding direct sales and disposal of assets through public auctions; and (e) **“the Act”** means the Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000).

3. FORMULA FOR PROCUREMENT OF GOODS AND SERVICES

3.1. POINTS AWARDED FOR PRICE

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

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

$$Ps = 80 \left(1 - \frac{Pt - P_{min}}{P_{min}} \right) \text{ OR } Ps = 90 \left(1 - \frac{Pt - P_{min}}{P_{min}} \right)$$

80/20 or 90/10

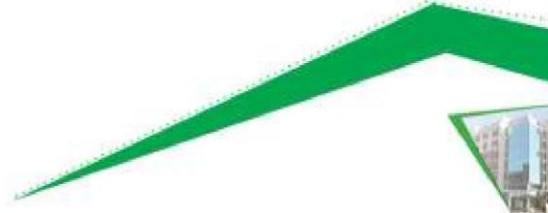
Where

Ps = Points scored for price of tender under consideration
Pt = Price of tender under consideration
Pmin = Price of lowest acceptable tender

3.2. FORMULA FOR DISPOSAL OR LEASING OF STATE ASSETS AND INCOME GENERATING PROCUREMENT

3.2.1. POINTS AWARDED FOR PRICE

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



80/20

or

90/10

$$Ps = 80 \left(1 + \frac{Pt - P_{max}}{P_{max}} \right) \text{ or } Ps = 90 \left(1 + \frac{Pt - P_{max}}{P_{max}} \right)$$

Where

Ps = Points scored for price of tender under consideration
Pt = Price of tender under consideration
Pmax = Price of highest acceptable tender

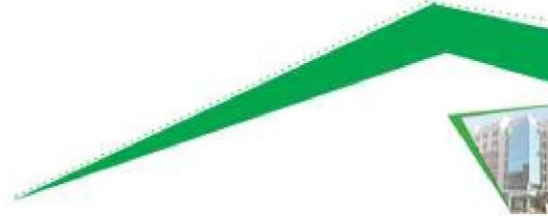
4. POINTS AWARDED FOR SPECIFIC GOALS

- 4.1. In terms of Regulation 4(2); 5(2); 6(2) and 7(2) of the Preferential Procurement Regulations, preference points must be awarded for specific goals stated in the tender. For the purposes of this tender the tenderer will be allocated points based on the goals stated in table 1 below as may be supported by proof/ documentation stated in the conditions of this tender:
- 4.2. In cases where organs of state intend to use Regulation 3(2) of the Regulations, which states that, if it is unclear whether the 80/20 or 90/10 preference point system applies, an organ of state must, in the tender documents, stipulate in the case of—
- (a) an invitation for tender for income-generating contracts, that either the 80/20 or 90/10 preference point system will apply and that the highest acceptable tender will be used to determine the applicable preference point system; or
 - (b) any other invitation for tender, that either the 80/20 or 90/10 preference point system will apply and that the lowest acceptable tender will be used to determine the applicable preference point system,
- then the organ of state must indicate the points allocated for specific goals for both the 90/10 and 80/20 preference point system.

Table 1: Specific goals for the tender and points claimed are indicated per the table below.
(Note to organs of state: Where either the 90/10 or 80/20 preference point system is applicable, corresponding points must also be indicated as such.

Note to tenderers: The tenderer must indicate how they claim points for each preference point system.)

The specific goals allocated points in terms of this tender		Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (80/20 system) (To be completed by the tenderer)
Historically Disadvantaged Individual:-			
	(a) 100% black ownership	6	
	(b) 51% to 99% black ownership	4	
	(c) Less than 51% black ownership	0	
Black women ownership:-			
	(a) 100% black women ownership	4	



	(b) 30% to 99% black women ownership	2	
	(c) Less than 30% black women ownership	0	
Black youth ownership:-			
	(a) 100% black youth ownership	4	
	(b) 30% to 99% black youth ownership	2	
	(c) Less than 30% black youth ownership	0	
People with disability:-			
	(a) 20% or more disabled people ownership	4	
	(b) Less than 20% disabled people ownership	0	
Locality:-			
	(a) Within the Eastern Cape	2	
	(b) Outside the Eastern Cape	0	

DECLARATION WITH REGARD TO COMPANY/FIRM

4.3. Name of company/firm.....

4.4. Company registration number:

4.5. TYPE OF COMPANY/ FIRM

- ☐ Partnership/Joint Venture / Consortium
- ☐ One-person business/sole propriety
- ☐ Close corporation
- ☐ Public Company
- ☐ Personal Liability Company
- ☐ (Pty) Limited
- ☐ Non-Profit Company
- ☐ State Owned Company

[TICK APPLICABLE BOX]

4.6. I, the undersigned, who is duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the specific goals as advised in the tender, qualifies the company/ firm for the preference(s) shown and I 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 paragraphs 1.4 and 4.2, the contractor may be required to furnish documentary proof to the satisfaction of the organ of state that the claims are correct;
- iv) If the specific goals have been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the organ of state may, in addition to any other remedy it may have –

(a) disqualify the person from the tendering 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) recommend that the tenderer or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted 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, if deemed necessary.

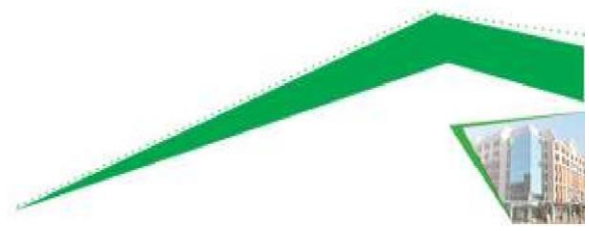
.....
SIGNATURE(S) OF TENDERER(S)

SURNAME AND NAME:

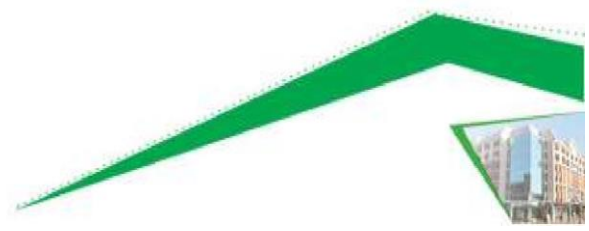
DATE:

ADDRESS:

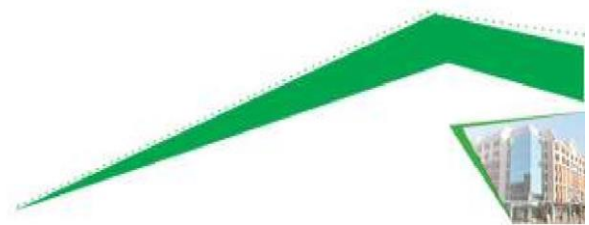
.....
.....
.....



**PROOF OF REGISTRATION ON THE
NATIONAL TREASURY CENTRAL SUPPLIER
DATABASE
(ATTACH HERE)**



VALID COPY CIDB CERTIFICATE
(ATTACH HERE)



PROTECTION OF PERSONAL INFORMATION: CONSENT (POPIA)

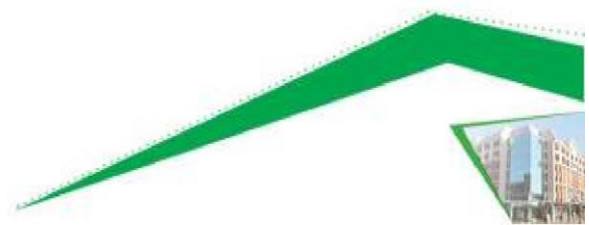
The introduction of The Protection of Personal Information Act (POPIA) ensures the regulation of personal information through its entire life cycle of collection, transfer, storing and deletion. As part of its business activities, the Department of Public Works and Infrastructure obtains and requires access to personal data from a wide range of internal and external parties, including without limitation bidders who respond to requests for proposals that are published by the Department of Public Works and Infrastructure from time to time. The Department of Public Works and Infrastructure confirms that it shall process the information disclosed by Bidders for the purpose of evaluating and subsequently awarding/appointing a successful Bidder.

The Department of Public Works and Infrastructure hereby states that it does not and will never modify, amend, or alter any personal information submitted to it by a Bidder. Not unless directed to do so by an order of court, the Department of Public Works and Infrastructure does not disclose or permit the disclosure of any personal information to any Third Party without the prior written consent of the owner of the information.

Similarly, Bidders will from time-to-time access and be seized with information of a personal nature pertaining to the Department of Public Works and Infrastructure. Some of the information may because of legislative compliances be available in the public domain, whilst some is uniquely provided to bidders in pursuit of procurement or other business-related activities. In this regard, the Department of Public Works and Infrastructure requires that Bidders which receive or have access to its personal information, process any such information in a manner compliant with the requirements of the POPIA.

AGREEMENT

1. The Department of Public Works and Infrastructure and the Bidder (the Parties) agree and undertake that upon obtaining and having access to personal information relating to either of them, they shall always ensure that:
 - a) They process the information only for the express purpose for which it was obtained.
 - b) Information is provided only to designated and authorized personnel who require the personal information to carry out the Parties' respective obligations in terms of the Procurement processes.
 - c) They will introduce, and implement all reasonable measures ensure the protection of all personal information from unauthorized access and/or use.
 - d) They have taken appropriate measures to safeguard the security, integrity, and authenticity of all personal information in its possession or under its control.
 - e) The Parties agree that if personal information will be processed for any other purpose other than the one for which the accessing of the information was intended, explicit written consent will be obtained prior to the execution of such reason.
 - f) The Parties shall carry out regular assessments to identify all reasonably foreseeable internal and external risks to the interception of personal information in its possession or under its control and shall implement and maintain appropriate controls in mitigation of such risks.
2. The Parties agree that they will promptly return or destroy any personal data in their possession or control which belongs to the other Party once it no longer serves the purpose for which it was collected, subject to any legal retention requirements. The information will be destroyed in such a manner that it cannot be reconstructed to its original form, linking it to any individual or organization.
3. Bidder's Obligations



- a) The Bidder is required to notify the Information Officer of Department of Public Works and Infrastructure, in writing as soon as possible after it becomes aware of or suspects any loss, unauthorized access or unlawful use of any of the Department of Public Works and Infrastructure's personal information.
- b) The Bidder shall, at its own cost, promptly and without delay take all necessary steps to mitigate the extent of the loss or compromise of personal data.
- c) The Bidder shall be required to provide the Department of Public Works and Infrastructure with details of the persons affected by the compromise and the nature and extent of the compromise, including details of the identity (if known) of the unauthorized person who may have accessed or acquired the personal data.
- d) The Bidder undertakes to cooperate with any investigation relating to security breach which is carried out by or on behalf of Department of Public Works and Infrastructure.

On behalf of the Bidder:

.....
Signature

.....
Date

.....
Position

.....
Name of the Bidder

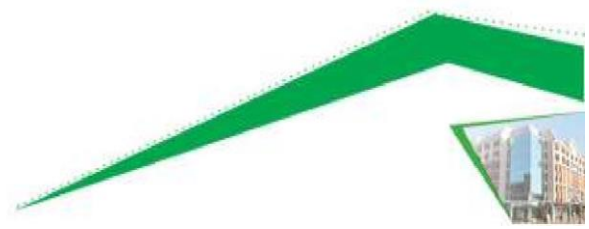
On behalf of the Client:

.....
Signature

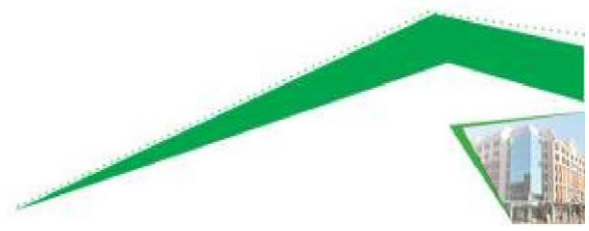
.....
Date

.....
Position

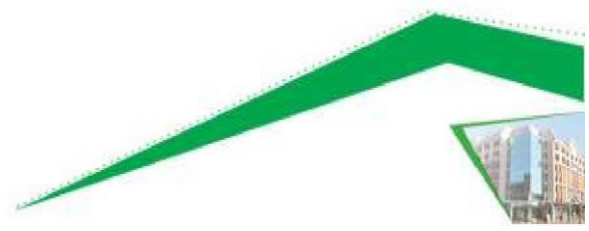
.....
Name of Client Representative



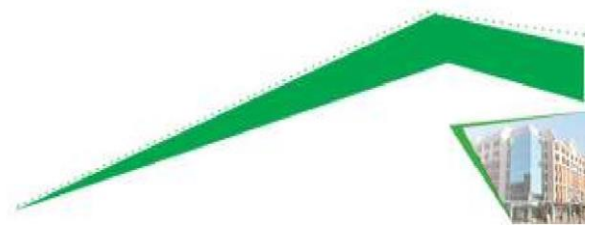
THE CONTRACT



PART C1 AGREEMENTS AND CONTRACT DATA



PART C1.1: FORM OF OFFER AND ACCEPTANCE



C1.1- Form of Offer and Acceptance

Annex C (normative)

FORM OF OFFER AND ACCEPTANCE

Project title	TERM TENDER CONTRACT FOR PLUMBING MAINTENANCE AND REPAIRS AT VARIOUS GOVERNMENT BUILDINGS IN SARAH BAARTMAN REGION, FOR A PERIOD OF TWO (2) YEARS.
SCMU number	SCMU5-23/24/0003SB

OFFER

The employer, identified in the acceptance signature block, has solicited offers to enter into a contract for the procurement of: **TERM TENDER CONTRACT FOR PLUMBING MAINTENANCE AND REPAIRS AT VARIOUS GOVERNMENT BUILDINGS IN SARAH BAARTMAN REGION, FOR A PERIOD OF TWO (2) YEARS.**

.....
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 OFFERED TOTAL OF THE PRICES INCLUSIVE OF VALUE ADDED TAX IS

..... Rand (in words) ;

R(in figures) (or other suitable wording)

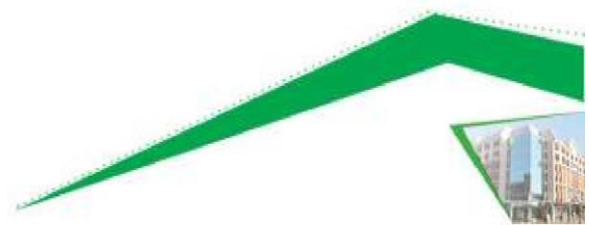
This offer may be accepted by the employer by signing the acceptance part of this form of offer and acceptance and returning one copy of this document to the tenderer before the end of the period of validity stated in the tender data, whereupon the tenderer becomes the party named as the contractor in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

Signature

.....
Name

.....
Capacity

.....
for the tenderer



(Name and address of organization)

Name and signature

of witness Date

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 Agreements 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 returnable 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 form of offer and acceptance. No amendments to or deviations from said documents are valid unless contained in this schedule.

The tenderer shall within 3 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 working days of the date of such receipt notifies the employer in writing of any reason why he cannot accept the contents of this agreement, this agreement shall constitute a binding contract between the parties.¹

Signature

.....

Name

.....

Capacity

..... for

the Employer

.....

(Name and address of organization)

Name and signature of witness Date

.....

Schedule of Deviations

1 Subject

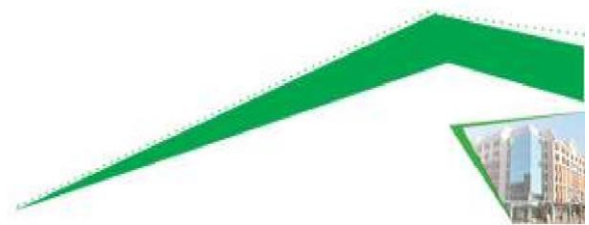
Details

.....

2 Subject

Details

.....



3 Subject _____
Details _____

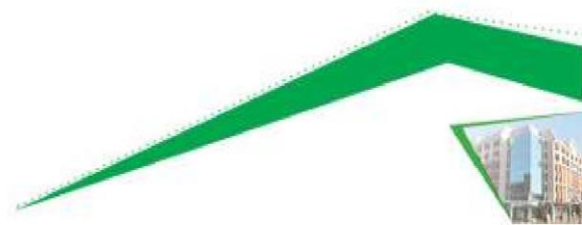
4 Subject _____
Details _____

By the duly authorized 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.

It is expressly agreed that no other matter whether in writing, oral communication or implied during the period between the issue of the tender/ quotation 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.

¹As an alternative, the following wording may be used:

Notwithstanding anything contained herein, this agreement comes into effect two working days after the submission by the employer of one fully completed original copy of this document including the schedule of deviations (if any), to a courier-to-counter delivery / counter-to-counter delivery / door-to counter delivery /door-to-door delivery /courier service (delete that which is not applicable), provided that the employer notifies the tenderer of the tracking number within 24 hours of such submission. Unless the tenderer (now contractor) within seven working days of the date of such submission notifies the employer in writing of any reason why he cannot accept the contents of this agreement, this agreement shall constitute a binding contract between the parties



A

RECORD OF ADDENDA TO BID DOCUMENTS

PROJECT TITLE	TERM TENDER CONTRACT FOR PLUMBING MAINTENANCE AND REPAIRS AT VARIOUS GOVERNMENT BUILDINGS IN SARAH BAARTMAN REGION, FOR A PERIOD OF TWO (2) YEARS.		
SCMU NUMBER	SCMU5-23/24/0003SB		
I / We confirm that the following communications received from the Department of Public Works before the submission of this tender offer, amending the tender documents, have been taken into account in this bid offer: (Attach additional pages if more space is required)			
Item	Date	Title or Details	No. of Pages
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

Attach additional pages if more space is required.

Signed

Date

Name

Position

Tenderer

B **PROPOSED AMENDMENTS AND QUALIFICATIONS**

The Tenderer should record any deviations or qualifications he may wish to make to the tender documents in this Returnable Schedule. Alternatively, a tenderer may state such deviations and qualifications in a covering letter to his tender and reference such letter in this schedule.

The Tenderer's attention is drawn to clause 5.8 of SANS 10845-3 regarding the employer's handling of material deviations and qualifications.

PROJECT TITLE	TERM TENDER CONTRACT FOR PLUMBING MAINTENANCE AND REPAIRS AT VARIOUS GOVERNMENT BUILDINGS IN SARAH BAARTMAN REGION, FOR A PERIOD OF TWO (2) YEARS.
SCMU NUMBER	SCMU5-23/24/0003SB

Page	Clause /Item	Proposal

The undersigned, who warrants that she/ he is duly authorised to do so on behalf of the enterprise, confirms that the content of this schedule that presented by the tenderer are within my personal knowledge and are to the best of my knowledge both true and correct

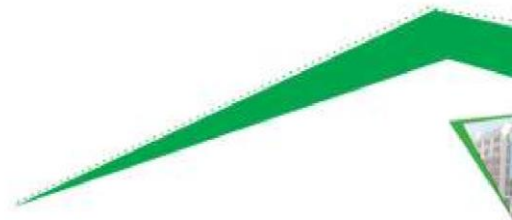
Signed

Date

Name

Position

Enterprise name



C

RESOLUTION FOR SIGNATORY

A: CERTIFICATE OF AUTHORITY FOR SIGNATORY

Signatory for companies shall confirm their authority hereto by attaching a duly signed and dated copy of the relevant resolution of the board of directors to this form or on company letter head.

An example is given below:

"By resolution of the board of directors passed at a meeting held on _____

Mr/Ms _____, whose signature appears
below, has been duly authorised to

sign all documents in connection with the tender for Contract No. _____

and any Contract which may arise there from on behalf of (Block Capitals) _____

SIGNED ON BEHALF OF THE COMPANY: _____

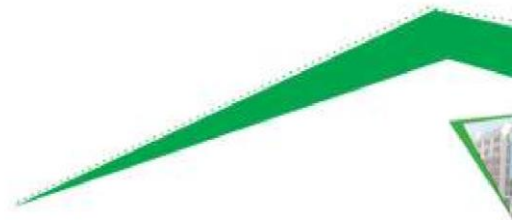
IN HIS/HER CAPACITY AS: _____

DATE: _____

SIGNATURE OF SIGNATORY: _____

WITNESSES:

DIRECTOR (NAMES)		SIGNATURE	
DIRECTOR (NAMES)		SIGNATURE	
DIRECTOR (NAMES)		SIGNATURE	



DIRECTOR (NAMES)		SIGNATURE	
DIRECTOR (NAMES)		SIGNATURE	
DIRECTOR (NAMES)		SIGNATURE	

If you cannot complete this form, attach a separate sheet (in a company letter head, project specific and signed by all directors):

D

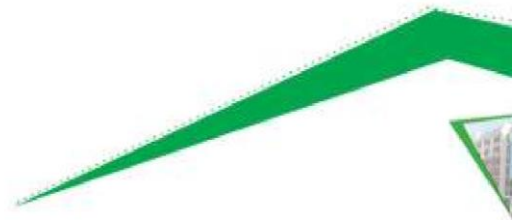
CERTIFICATE OF AUTHORITY FOR JOINT VENTURES

This Returnable Schedule is to be completed by joint ventures.		
We, the undersigned, are submitting this tender offer in Joint Venture and hereby authorize Mr/Ms, authorized signatory of the company, acting in the capacity of lead partner, to sign all documents in connection with the tender offer and any contract resulting from it on our behalf.		
PROJECT TITLE	TERM TENDER CONTRACT FOR PLUMBING MAINTENANCE AND REPAIRS AT VARIOUS GOVERNMENT BUILDINGS IN SARAH BAARTMAN REGION, FOR A PERIOD OF TWO (2) YEARS.	
SCMU NUMBER	SCMU5-23/24/0003SB	
NAME OF FIRM	ADDRESS	DULY AUTHORISED SIGNATORY
Lead partner:		Signature. Name Designation.....
..... .		Signature. Name Designation.....
..... .		Signature. Name Designation.....
..... .		Signature. Name Designation.....

E **SCHEDULE OF PROPOSED SUBCONTRACTORS**

PROJECT TITLE	TERM TENDER CONTRACT FOR PLUMBING MAINTENANCE AND REPAIRS AT VARIOUS GOVERNMENT BUILDINGS IN SARAH BAARTMAN REGION, FOR A PERIOD OF TWO (2) YEARS.
SCMU NUMBER	SCMU5-24/23-0003SB
We notify you that it is our intention to employ the following Subcontractors for work in this contract. The Subcontractors will all be CIDB registered and their CIDB Registration number shall be submitted below. If we are awarded a contract, we agree that this notification does not change the requirement for us to submit the names of proposed subcontractors in accordance with requirements in the contract for such appointments. If there are no such requirements in the contract, then your written acceptance of this list shall be binding between us. We confirm that all subcontractors who are or to be contracted are registered on Central Supplier Database (CSD).	

No.	Name and address of proposed Subcontractor	Nature and extent of work	Year completed	Value	Contact details
1					
2					





3					
4					
5					

The undersigned, who warrants that she/ he is duly authorised to do so on behalf of the enterprise, confirms that the content of this schedule that presented by the tenderer are within my personal knowledge and are to the best of my knowledge both true and correct

Signed

Date

Name

Position

Enterprise name



E

CAPACITY OF THE BIDDER

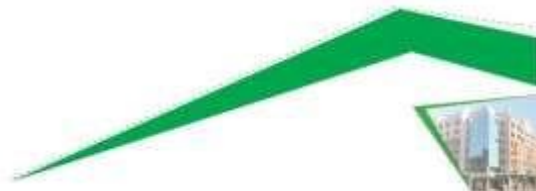
PROJECT TITLE	TERM TENDER CONTRACT FOR PLUMBING MAINTENANCE AND REPAIRS AT VARIOUS GOVERNMENT BUILDINGS IN SARAH BAARTMAN REGION, FOR A PERIOD OF TWO (2) YEARS.
SCMU NUMBER	SCMU5-23/24/0003SB
WORK CAPACITY: (The Bidder is requested to furnish the following capacity particulars and to attach additional pages if more space is required. Failure to furnish the particulars may result in the Bid being disregarded.) <i>Artisans and Employees: (Artisans and Employees to be, or are, employed for this project)</i>	

Quantity / No. of Resources	Categories of Employee - Key Personnel (part of Business Enterprise)	Professional Registration No.	Date of Employment
	Site Agent		
	Project Manager		
	Foreman		
	Quality Control & Safety Officer-Construction Supervisor		
	Artisans		
	Unskilled employees		
	Others		



The undersigned, who warrants that she/ he is duly authorised to do so on behalf of the enterprise, confirms that the content of this schedule that presented by the tenderer are within my personal knowledge and are to the best of my knowledge both true and correct.

Signed:		Date	
Name:		Position	
Enterprise Name:			



G

RELEVANT PROJECT EXPERIENCE – COMPLETED PROJECTS

Tenderers must submit a max one-page description of at least three projects successfully completed.

Attach a Completion Certificate for each of the project provided.

The description of each project must include the following information:

1. Essential introductory information:
 - 1.1. Name of project.
 - 1.2. Name of client.
 - 1.3. Contact details of client.
 - 1.4. Contact details (including telephone numbers and email addresses) of currently contactable references.
 - 1.5. The period during which the project was performed, and also, if this is different, the period during which the tenderer's team members were contracted.
 - 1.6. Cost of works and/or contract value (making it clear in broad terms what this cost/value purchased, and to what extent (if any) this cost/value was part of a larger project budget or programme budget).

NO.	NAME OF PROJECT.	NAME OF CLIENT.	CONTACT DETAILS OF CLIENT.	PROJECT VALUE	DATE COMPLETED
1					
2					
3					

If there are more projects, attach a separate page to address this issue (the above table is just for reference purposes).

The undersigned, who warrants that she/ he is duly authorised to do so on behalf of the enterprise, confirms that the content of this schedule that presented by the tenderer are within my personal knowledge and are to the best of my knowledge both true and correct.

Signed.....

Date.....

Name.....

Position.....

Enterprise name.....



H

RELEVANT PROJECT EXPERIENCE – CURRENT PROJECTS

Tenderers must submit a max one-page description of at least three projects under construction/ on hold/ just handed over/ towards completion (if they exist). **Attach an Appointment letter for each of the project provided.**

The description of each project must include the following information:

2. Essential introductory information:
 - 2.1. Name of project.
 - 2.2. Name of client.
 - 2.3. Contact details of client.
 - 2.4. Contact details (including telephone numbers and email addresses) of currently contactable references.
 - 2.5. The period during which the project was performed, and if this is different, the period during which the tenderer's team members were contracted.
 - 2.6. Cost of works and/or contract value (making it clear in broad terms what this cost/value purchased, and to what extent (if any) this cost/value was part of a larger project budget or programme budget).

NO.		NAME OF PROJECT.	NAME OF CLIENT.	CONTACT DETAILS OF CLIENT.	PROJECT VALUE	STAGE OF PROJECT
1						
2						
3						

Attach a separate page to address this issue (the above table is just for reference purposes).

Signed

Date

.....

Name

Position

.....

Enterprise name

.....



The undersigned, who warrants that she/ he is duly authorised to do so on behalf of the enterprise, confirms that the content of this schedule that presented by the tenderer are within my personal knowledge and are to the best of my knowledge both true and correct.



!

OTHER OFFERS SUBMITTED AT TIME OF THIS TENDER FOR WHICH RESULTS ARE PENDING (if they exist)

(Any other client's tender must also be included)

BID NO. / PROJECT NUMBER	PROJECT NAME	CLIENT NAME & CONTACT NO.	VALUE TENDERED IN Rands	DATE SUBMITTED	CONTACT DETAILS (CLIENT)
1					
2					
3					
4					

Signed

Date

.....

Name

Position

.....

Enterprise name

.....

If there are more projects, attach a separate page to address this issue (the above table is just for reference purposes).



J **SCHEDULE OF TENDERER'S LITIGATION HISTORY**

The tenderer shall list below details of any litigation with which the tenderer (including its directors, shareholders or other senior members in previous companies) has been involved with any organ of state or state department within the last ten years. The details must include the year, the litigating parties, the subject matter of the dispute, the value of any award or estimated award if the litigation is current and in whose favour the award, if any, was made.

NO.	NAME OF CLIENT.	OTHER LITIGATING PARTY	BRIEF DETAILS OF DISPUTE	PROJECT VALUE	DATE RESOLVED OR STATUS OF LITIGATION
1					
2					
3					
4					

Signed

Date

.....

Name

Position

.....



Enterprise name

.....



K

Project Reference Forms – 1

Project title:	TERM TENDER CONTRACT FOR PLUMBING MAINTENANCE AND REPAIRS AT VARIOUS GOVERNMENT BUILDINGS IN SARAH BAARTMAN REGION, FOR A PERIOD OF TWO (2) YEARS.
Project Number:	SCMU5-23/24/0003SB

NOTE: This returnable document must be completed by the person who was the Engineer/Project Manager on a project of similar value and complexity that was completed successfully by the tenderer.

I, _____ (name and surname) of _____ (company name) declare that I was the Project Manager on the following building construction project successfully executed by _____ (name of tenderer):
 Project name: _____
 Project location: _____
 Construction period: _____ Completion date: _____
 Contract value: _____

A. Please evaluate the performance of the Tenderer on the abovementioned project, on which you were the principal agent, by inserting "Yes" in the relevant box below:

Key Performance Indicators	Very Poor 1	Poor 2	Fair 3	Good 4	Excellent 5	Total
1. Project performance / time management / programming						
2. Quality of workmanship						
3. Resources: Personnel						
4. Resources: Plant						
5. Financial management / payment of subcontractors / cash flow, etc						
TOTAL						

B. Would you consider / recommend this tenderer again:

YES	NO



C. Any other comments:

D. My contact details are:

Telephone: _____ Cellphone: _____ Fax: _____

E-mail: _____

Thus signed at _____ on this _____ day of _____ 2023.

Signature of principal agent

COMPANY STAMP

NOTE:

If reference cannot be verified due to the inability to get hold of the referee or failure on his/her part to respond to a written request to do so, that reference will not score any points. It is the responsibility of the tenderer to put referees who are reachable.

Name
of Tenderer

Signature of Tenderer

Date



Project Reference Forms - 2

Project title:	TERM TENDER CONTRACT FOR PLUMBING MAINTENANCE AND REPAIRS AT VARIOUS GOVERNMENT BUILDINGS IN SARAH BAARTMAN REGION, FOR A PERIOD OF TWO (2) YEARS.
Project Number:	SCMU5-23/24/0003SB

NOTE: This returnable document must be completed by the person who was the Engineer/Project Manager on a project of similar value and complexity that was completed successfully by the tenderer.

I, _____ (name and surname) of _____ (company name) declare that I was the Project Manager on the following building construction project successfully executed by _____ (name of tenderer):
 Project name: _____
 Project location: _____
 Construction period: _____ Completion date: _____
 Contract value: _____

A. Please evaluate the performance of the Tenderer on the abovementioned project, on which you were the principal agent, by inserting "Yes" in the relevant box below:

Key Performance Indicators	Very Poor 1	Poor 2	Fair 3	Good 4	Excellent 5	Total
1. Project performance / time management / programming						
2. Quality of workmanship						
3. Resources: Personnel						
4. Resources: Plant						
5. Financial management / payment of subcontractors / cash flow, etc.						
TOTAL						

B. Would you consider / recommend this tenderer again:

YES	NO

C. Any other comments:



D. My contact details are:

Telephone: _____ Cellphone: _____ Fax: _____ E-mail: _____

Thus signed at _____ on this _____ day of _____ 2023.

Signature of principal agent

COMPANY STAMP

NOTE:

If reference cannot be verified due to the inability to get hold of the referee or failure on his/her part to respond to a written request to do so, that reference will not score any points. It is the responsibility of the tenderer to put referees who are reachable.

_____ Name
of Tenderer

Signature of Tenderer

Date



Project Reference Forms – 3

Project title:	TERM TENDER CONTRACT FOR PLUMBING MAINTENANCE AND REPAIRS AT VARIOUS GOVERNMENT BUILDINGS IN SARAH BAARTMAN REGION, FOR A PERIOD OF TWO (2) YEARS.
Project Number:	SCMU5-23/24/0003SB

NOTE: This returnable document must be completed by the person who was the Engineer/Project Manager on a project of similar value and complexity that was completed successfully by the tenderer.

I, _____ (name and surname) of
_____ (company name) declare

that I was the Project Manager on the following building construction project successfully executed by _____ (name of tenderer):

Project name: _____

Project location: _____

Construction period: _____ Completion date: _____

Contract value: _____

A. Please evaluate the performance of the Tenderer on the abovementioned project, on which you were the principal agent, by inserting "Yes" in the relevant box below:

Key Performance Indicators	Very Poor 1	Poor 2	Fair 3	Good 4	Excellent 5	Total
1. Project performance / time management / programming						
2. Quality of workmanship						
3. Resources: Personnel						
4. Resources: Plant						
5. Financial management / payment of subcontractors / cash flow, etc.						
TOTAL						

B. Would you consider / recommend this tenderer again:

YES	NO

C. Any other comments:



D. My contact details are:
Telephone: _____ Cellphone: _____ Fax: _____

E-mail: _____

Thus signed at _____ on this _____ day of _____ 2023.

COMPANY STAMP

Signature of principal agent

NOTE:

If reference cannot be verified due to the inability to get hold of the referee or failure on his/her part to respond to a written request to do so, that reference will not score any points. It is the responsibility of the tenderer to put referees who are reachable.

Name
of Tenderer

Signature of Tenderer

Date



L

BASELINE RISK ASSESSMENT

PROJECT TITLE	TERM TENDER CONTRACT FOR PLUMBING MAINTENANCE AND REPAIRS AT VARIOUS GOVERNMENT BUILDINGS IN SARAH BAARTMAN REGION, FOR A PERIOD OF TWO (2) YEARS.
SCMU NUMBER	SCMU5-23/24-0003SB
<i>PLEASE NOTE THAT THIS IS A BASELINE RISK ASSESSMENT AND NOT A DETAILED RISK ASSESSMENT OF ALL ANTICIPATED ACTIVITIES ON SITE</i>	

Activity	Risk to Safety	Risk to Health	Risk to Environmental	Risk to Public Safety	Control Measures
Brickwork	Physical injury, Fatality				PPE, Use of Scaffolding
Roofing	Physical injury, Fatality				PPE, Use of Scaffolding
Plastering	Skin irritation, temporary blindness	Long term breathing problems	Ground contamination	Dust inhalation	Use of PPE, guarding off site on work areas
Paintwork	Skin irritation, temporary blindness	Long term breathing problems	Ground contamination	Air pollution	Use of PPE, guarding off site on work areas
Construction activities / demolition	Temporary deafness	Permanent deafness	Noise pollution	Noise pollution	Guarding / barricading of site
Moving machines	Driven over by machines	Injury to workers	Fuel spillage	Driven over by machines	Signage and slow driving

You can list all activities on a separate page to address this issue (the above table is just for reference purposes).



M

A. EASTERN CAPE INFRASTRUCTURE INPUT MATERIAL

PROJECT NAME	TERM TENDER CONTRACT FOR PLUMBING MAINTENANCE AND REPAIRS AT VARIOUS GOVERNMENT BUILDINGS IN SARAH BAARTMAN REGION, FOR A PERIOD OF TWO (2) YEARS.
PROJECT DESCRIPTION (SCOPE)	PLUMBING MAINTENANCE
SCMU NUMBER	SCMU5-23/24/0003SB
CONTRACTOR NAME:	

1. All material must be sourced from Eastern Cape based suppliers, manufacturers or accredited agents.
2. On monthly basis, the contractor will report the purchasing of all material.
3. The report will then be communicated to PT & OTP on quarterly basis or in whichever intervals, as prescribed by PT & OTP.

A. CONFIRMATION

1. I..... (**Contractor name**) confirm and undertake that all the material will be sourced in the Eastern Cape Province, from Eastern Cape based material suppliers and manufacturers.
2. I confirm that on monthly basis I will produce a proof of purchase of the material used or to be used, either in the form of delivery notes, tax invoices or any formal document which verifies that the material or goods were sourced from an Eastern Cape based supplier or manufacturer.

Representative of the Contractor (Name) **Signature** **Date**



C1.3 GENERAL CONDITIONS OF CONTRACT

C1.3. GENERAL CONDITIONS OF CONTRACT

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GENERAL CONDITIONS OF CONTRACT

1. Definitions

The following terms shall be interpreted as indicated:

- 1.1 **"Closing time"** means the date and hour specified in the bidding documents for the receipt of bids.
- 1.2 **"Contract"** means the written agreement entered into between the purchaser and the provider, as recorded in the contract form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.
- 1.3 **"Contract price"** means the price payable to the provider under the contract for the full and proper performance of his contractual obligations.
- 1.4 **"Corrupt practice"** means the offering, giving, receiving, or soliciting of any thing of the value to influence the action of a public official in the procurement process or in contract execution.
- 1.5 **"Countervailing duties"** are imposed in cases where an enterprise abroad is subsidized by its government and encouraged to market its products internationally.
- 1.6 **"Country of origin"** means the place where the goods were mined, grown or produced or from which the services are supplied. Goods are produced when, through manufacturing, processing or substantial and major assembly of components, a commercially recognized new product results that is substantially different in basic characteristics or in purpose or utility from its components.
- 1.7 **"Day"** means calendar day.
- 1.8 **"Delivery"** means delivery in compliance of the conditions of the contract or order.
- 1.9 **"Delivery ex stock"** means immediate delivery directly from stock actually on hand.
- 1.10 **"Delivery into consignees store or to his site"** means delivered and unloaded in the specified store or depot or on the specified site in compliance with the conditions of the contract or order, the provider bearing all risks and charges involved until the supplies are so delivered and a valid receipt is obtained.
- 1.11 **"Dumping"** occurs when a private enterprise abroad market its goods on own initiative in the RSA at lower prices than that of the country of origin and which have the potential to harm the local industries in the RSA.
- 1.12 **"Force majeure"** means an event beyond the control of the provider and not involving the provider's fault or negligence and not foreseeable. Such events may include, but is not restricted to, acts of the purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.
- 1.13 **"Fraudulent practice"** means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of any tenderer, and includes collusive practice among tenderers (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the tenderer of the benefits of free and open competition.
- 1.14 **"GCC"** means the General Conditions of Contract.
- 1.15 **"Goods"** means all of the equipment, machinery, and/or other materials that the provider is required to supply to the purchaser under the contract.
- 1.16 **"Imported content"** means that portion of the bidding price represented by the cost of components, parts or materials which have been or are still to be imported (whether by the provider or his subcontractors) and which costs are inclusive of the costs abroad, plus freight and other direct importation costs such as land costs, dock dues, import duty, sales duty or other similar tax or duty at the South African place of entry as well as transportation and handling charges to the factory in the Republic where the supplies covered by the bid will be manufactured.



- 1.17 **“Local content”** means that portion of the bidding price which is not included in the imported content provided that local manufacture does take place.
- 1.18 **“Manufacture”** means the production of products in a factory using labour, materials, components and machinery and includes other related value-adding activities.
- 1.19 **“Order”** means an official written order issued for the supply of goods or works or the rendering of a service.
- 1.20 **“Project site,”** where applicable, means the place indicated in bidding documents.
- 1.21 **“Purchaser”** means the organization purchasing the goods.
- 1.22 **“Republic”** means the Republic of South Africa.
- 1.23 **“SCC”** means the Special Conditions of Contract.
- 1.24 **“Services”** means those functional services ancillary to the supply of the goods, such as transportation and any other incidental services, such as installation, commissioning, provision of technical assistance, training, catering, gardening, security, maintenance and other such obligations of the provider covered under the contract.
- 1.25 **“Written”** or **“in writing”** means hand-written in ink or any form of electronic or mechanical writing.

2. Application

- 2.1 These general conditions are applicable to all bids, contracts and orders including bids for functional and professional services (excluding professional services related to the building and construction industry), sales, hiring, letting and the granting or acquiring of rights, but excluding immovable property, unless otherwise in the bidding documents.
- 2.2 Where applicable, special conditions of contract are also laid down to cover specific supplies, services or works.
- 2.3 Where such special conditions of contract are in conflict with these general conditions, the special conditions shall apply.

3. General

- 3.1 Unless otherwise indicated in the bidding documents, the purchaser shall not be liable for any expense incurred in the preparation and submission of a bid. Where applicable a non-refundable fee for documents may be charged.
- 3.2 Invitations to bid are usually published in locally distributed news media and in the institution’s website.

4. Standards

- 4.1 The goods supplied shall conform to the standards mentioned in the bidding documents and specifications.
- 5. Use of contract documents and information; inspection
- 5.1 The provider shall not, without the purchaser’s prior written consent, disclose the contract, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the purchaser in connection therewith, to any person other than a person employed by the provider in the performance of the contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far as may be necessary for purposes of such performance.



- 5.2 The provider shall not, without the purchaser's prior written consent, make use of any document or information mentioned in GCC clause 5.1 except for purposes of performing the contract.
- 5.3 Any document, other than the contract itself mentioned in GCC clause 5.1 shall remain the property of the purchaser and shall be returned (all copies) to the purchaser on completion of the provider's performance under the contract if so required by the purchaser.
- 5.4 The provider shall permit the purchaser to inspect the provider's records relating to the performance of the provider and to have them audited by auditors appointed by the purchaser, if so required by the purchaser.

6. Patent rights

- I. 6.1 The provider shall indemnify the purchaser against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of goods or any part thereof by the purchaser.

- 6.2 When a provider developed documentation/projects for the department or PROVINCIAL entity, the intellectual, copy and patent rights or ownership or such documents or projects will vest in the department or PROVINCIAL entity.

7. Performance security

- 7.1 Within thirty (30) days of receipt of the notification of contract award, the success tenderer shall furnish to the purchaser the performance security of the amount specified in SCC. **(Not Applicable)**
- 7.2 The proceeds of the performance security shall be payable to the purchaser as compensation for any loss resulting from the provider's failure to complete his obligations under the contract.
- 7.3 The performance security shall be denominated in the currency of the contract, or in a freely convertible currency acceptable to the purchaser and shall be in one of the following forms:
 - (a) a bank guarantee or an irrevocable letter of credit issued by a reputable bank located in the purchaser's country or abroad, acceptable to the purchaser, in the form provided in the bidding documents or another form acceptable to the purchaser; or
 - (b) a cashier's or certified cheque.
- 7.4 The performance security will be discharged by the purchaser and returned to the provider not later than thirty (30) days following the date of completion of the provider's performance obligations under the contract, including any warranty obligations, unless otherwise specified.

8. Inspections, tests and analyses

- 8.1 All pre-bidding testing will be for the account of the tenderer.
- 8.2 If it is a bid condition that supplies to be produced or services to be rendered should at any stage during production or execution or on completion be subject to inspection, the premises of the tenderer or contractor shall be open, at all reasonable hours, for inspection by a representative of the purchaser or an organization acting on behalf of the purchaser.
- 8.3 If there are no inspection requirements indicated in the bidding documents and no mention is made in the contract, but during the contract period it is decided that inspections shall be carried out, the purchaser shall itself make the necessary arrangements, including payment arrangements with the testing authority concerned.
- 8.4 If the inspections, tests and analyses referred to in clause 8.2 & 8.3 show the supplies to be in accordance with the contract requirements, the cost of the inspections, tests and analyses shall be defrayed by the purchaser.
- 8.5 Where the supplies or services referred to in clauses 8.2 and 8.3 do not comply with the contract requirements, irrespective of whether such supplies or services are accepted or not, the cost in connection with these inspections, tests or analyses shall be defrayed by the provider.



- 8.6 Supplies and services which are referred to in clauses 8.2 and 8.3 and which do not comply with the contract requirements may be rejected.
- 8.7 Any contract supplies may on or after delivery be inspected, tested or analysed and may be rejected if found not to comply with the requirements of the contract. Such rejected supplies shall be held at the cost and risk of the provider who shall, when called upon, remove them immediately at his own cost and forthwith substitute them with supplies which do not comply with the requirements of the contract. Failing such removal the rejected supplies shall be returned at the providers cost and risk. Should the provider fail to provide the substitute supplies forthwith, the purchaser may, without giving the provider further opportunity to substitute the rejected supplies, purchase such supplies as may be necessary at the expense of the provider.
- 8.8 The provisions of clauses 8.4 to 8.7 shall not prejudice the right of the purchaser to cancel the contract on account of a breach of the conditions thereof, or to act in terms of Clause 23 of GCC.

9. Packaging

- 9.1 The provider shall provide such packaging of the goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the contract. The packaging shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packaging, case size and weights shall take into consideration, where appropriate, the remoteness of the good's final destination and the absence of heavy handling facilities at all points in transit.
- 9.2 The packaging, marking and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the contract, including additional requirements, if any, and in any subsequent instructions ordered by the purchaser.

10. Delivery and documents

- 10.1 Delivery of the goods and arrangements for shipping and clearance obligations, shall be made by the provider in accordance with the terms specified in the contract.

11. Insurance

- 11.1 The goods supplied under the contract shall be fully insured in a freely convertible currency against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery in the manner specified.

12. Transportation

- 12.1 Should a price other than an all-inclusive delivered price be required, this shall be specified.

II.

III.

IV. 13. Incidental services

V.

- 13.1 The provider may be required to provide any or all of the following services, including additional services, if any:

VI.

- (a) performance or supervision of on-site assembly and/or commissioning of the supplied goods;
- (b) furnishing of tools required for assembly and/or maintenance of the supplied goods;
- (c) furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied goods;
- (d) performance or supervision or maintenance and/or repair of the supplied goods, for a period of time agreed by the parties, provided that this service shall not relieve the provider of any warranty obligations under this contract; and
- (e) training of the purchaser's personnel, at the provider's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied goods.

VII.



- 13.2 Prices charged by the provider for incidental services, if not included in the contract price for the goods, shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the provider for similar services.

VIII.

IX. 14. Spare parts

- 14.1 As specified, the provider may be required to provide any or all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the provider:

X.

- 1) such spare parts as the purchaser may elect to purchase from the provider, provided that this election shall not relieve the provider of any warranty obligations under the contract, and
- 2) in the event of termination of production of the spare parts:
 - a) Advance notification to the purchaser of the pending termination, in sufficient time to permit the purchaser to procure needed requirements; and
 - b) Following such termination, furnishing at no cost to the purchaser, the blueprints, drawings, and specifications of the spare parts, if requested.

XI.

XII. 15. Warranty

XIII.

- 15.1 The provider warrants that the goods supplied under the contract are new, unused, of the most recent or current models, and that they incorporate all recent improvements in design and materials unless provided otherwise in the contract. The provider further warrants that all goods supplied under this contract shall have no defect, arising from design, materials, or workmanship (except when the design and/or material is required by the purchaser's specifications) or from any act or omission of the provider, that may develop under normal use of the supplied goods in the conditions prevailing in the country of final destination.

XIV.

- 15.2 This warranty shall remain valid for twelve (12) months after the goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the contract, or for eighteen (18) months after the date of shipment from the port or place of loading in the source country, whichever period concludes earlier, unless specified otherwise.

XV.

- 15.3 The purchaser shall promptly notify the provider in writing of any claims arising under this warranty.

XVI.

- 15.4 Upon receipt of such notice, the provider shall, within the period specified and with all reasonable speed, repair or replace the defective goods or parts thereof, without costs to the purchaser.

XVII.

- 15.5 If the provider, having been notified, fails to remedy the defect(s) within the period specified, the purchaser may proceed to take such remedial action as may be necessary, at the provider's risk and expense and without prejudice to any other rights which the purchaser may have against the provider under the contract.

XVIII.

XIX. 16. Payment

XX.

- 16.1 The method and conditions of payment to be made to the provider under this contract shall be specified

XXI.

- 16.2 The provider shall furnish the purchaser with an invoice accompanied by a copy of the delivery note and upon fulfilment of other obligations stipulated in the contract.

XXII.

- 16.3 Payments shall be made promptly by the purchaser, but in no case later than thirty (30) days after submission of an invoice or claim by the provider.
- 16.4 A once off payment will be made after the submission of a close out report and other relevant information required by Project leader
- 16.5 Payment will be made in Rand unless otherwise stipulated.



XXIII.

XXIV. 17. **Prices**

XXV.

17.1 Prices charged by the provider for goods delivered and services performed under the contract shall not vary from the prices quoted by the provider in his bid, with the exception of any price adjustments authorized or in the purchaser's request for bid validity extension, as the case may be.

XXVI.

XXVII. 18. **Increase/decrease of quantities**

18.1 In cases where the estimated value of the envisaged changes in purchase does not exceed 15% of the total value of the original contract, the contractor may be instructed to deliver the revised quantities. The contractor may be approached to reduce the unit price, and such offers may be accepted provided that there is no escalation in price.

XXVIII.

XXIX. 19. **Contract amendments**

19.1 No variation in or modification of the terms of the contract shall be made except by written amendment signed by the parties concerned.

XXX.

XXXI. 20. **Assignment**

20.1 The provider shall not assign, in whole or in part, its obligations to perform under the contract, except with the purchaser's prior written consent.

XXXII.

XXXIII. 21. **Subcontracts**

21.1 The provider shall notify the purchaser in writing of all subcontracts awarded under this contracts if not already specified in the bid. Such notification, in the original bid or later, shall not relieve the provider from any liability or obligation under the contract.

XXXIV.

XXXV. 22. **Delays in the provider's performance**

22.1 Delivery of the goods and performance of services shall be made by the provider in accordance with the time schedule prescribed by the purchaser in the contract.

XXXVI.

22.2 If at any time during performance of the contract, the provider or its subcontractor(s) should encounter conditions impeding timely delivery of the goods and performance of services, the provider shall promptly notify the purchaser in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the provider's notice, the purchaser shall evaluate the situation and may at his discretion extend the provider's time for performance, with or without the imposition of penalties, in which case the extension shall be ratified by the parties by amendment of contract.

XXXVII.

22.3 The right is reserved to procure outside of the contract small quantities or to have minor essential services executed if any emergency arises, the provider's point of supply is not situated at or near the place where the supplies are required, or the provider's services are not readily available.

22.4 Except as provided under GCC Clause 25, a delay by the provider in the performance of its delivery obligations shall render the provider liable to the imposition of penalties, pursuant to GCC Clause 22, unless an extension of time is agreed upon pursuant to GCC Clause 21.2 without the application of penalties.

22.5 Upon any delay beyond the delivery period in the case of a supplies contract, the purchaser shall, without canceling the contract, be entitled to purchase supplies of a similar quality and up to the same quantity in substitution of the goods not supplied in conformity with the contract and to return any goods delivered later at the provider's expense and risk, or to cancel the contract and buy such goods as may be required to complete the contract and without prejudice to his other rights, be entitled to claim damages from the provider.



23. Penalties

- 23.1 Subject to GCC Clause 25, if the provider fails to deliver any or all of the goods or to perform the services within the period(s) specified in the contract, the purchaser shall, without prejudice to its other remedies under the contract, deduct from the contract price, **(please refer to clause 7.1 of the detailed technical specification)**, which is calculated on the delivered price of the delayed good or unperformed services using the current prime interest rate calculated for each day of the delay until actual delivery or performance. The purchaser may also consider termination of the contract pursuant to GCC Clause 23.

24. Termination For Default

- 24.1 The purchaser, without prejudice to any other remedy for breach of contract, by written notice of default sent to the provider, may terminate this contract in whole or in part:
- (a) if the provider fails to deliver any or all of the goods within the period(s) specified in the contract, or within any extension thereof granted by the purchaser pursuant to GCC Clause 21.2;
 - (b) if the provider fails to perform any other obligation(s) under the contract; or
 - (c) if the provider, in the judgement of the purchaser, has engaged in corrupt or fraudulent practices in competing for or in executing the contract.
- 24.2 In the event the purchaser terminates the contract in whole or in part, the purchaser may procure, upon such terms and in such manner as it deems appropriate, goods, works or services similar to those undelivered, and the provider shall be liable to the purchaser for any excess costs for such similar goods, works or services. However, the provider shall continue performance of the contract to the extent not terminated.

25. Anti-Dumping And Counter-Vailing Duties And Rights

- 25.1 When, after the date of bid, provisional payments are required, or anti-dumping or countervailing duties are imposed, or the amount of a provisional payment or anti-dumping or countervailing right is increased in respect of any dumped or subsidized import, the State is not liable for any amount so required or imposed, or for the amount of any such increase. When, after the said date, such a provisional payment is no longer required or any such anti-dumping or countervailing right is abolished, or where the amount of such provisional payment or any such right is reduced, any such favourable difference shall on demand be paid forthwith by the provider to the purchaser or the purchaser may deduct such amounts from moneys (if any) which may otherwise be due to the provider in regard to supplies or services which he delivered or rendered, or is to deliver or render in terms of the contract or any other contract or any other amount which may be due to him.

26. Force Majeure

- 26.1 Notwithstanding the provisions of GCC Clauses 22 and 23, the provider shall not be liable for forfeiture of its performance security, damages, or termination for default if and to the extent that his delay in performance or other failure to perform his obligations under the contract is the result of an event of force majeure.
- 26.2 If a force majeure situation arises, the provider shall promptly notify the purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the purchaser in writing, the provider shall continue to perform its obligations under the contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the force majeure event.

27. Termination For Insolvency

- 27.1 The purchaser may at any time terminate the contract by giving written notice to the provider if the provider becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the provider, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the purchaser,



28. Settlement Of Disputes

- 28.1 If any dispute or difference of any kind whatsoever arises between the purchaser and the provider in connection with or arising out of the contract, the parties shall make every effort to resolve amicably such dispute or difference by mutual consultation.
- 28.2 If, after thirty (30) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the purchaser or the provider may give notice to the other party of his intention to commence with mediation. No mediation in respect of this matter may be commenced unless such notice is given to the other party.
- 28.3 Should it not be possible to settle a dispute by means of mediation, it may be settled in a South African court of law.
- 28.4 Notwithstanding any reference to mediation and / or court proceedings herein,
- (a) the parties shall continue to perform their respective obligations under the contract unless they otherwise agree; and
 - (b) the purchaser shall pay the provider any monies due to the provider for goods delivered and / or services rendered according to the prescripts of the contract.

29. Limitation Of Liability

- 29.1 Except in cases of criminal negligence or wilful misconduct, and in the case of infringement pursuant to Clause 6;
- (a) the provider shall not be liable to the purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the provider to pay penalties and / or damages to the purchaser; and
 - (b) the aggregate liability of the provider to the purchaser, whether under the contract, in tort or otherwise, shall not exceed the total contract price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment.

30. Governing Language

- 30.1 The contract shall be written in English. All correspondence and other documents pertaining to the contract that is exchanged by the parties shall also be written in English.

31. Applicable Law

- 31.1 The contract shall be interpreted in accordance with South African laws, unless otherwise specified.

32. Notices

- 32.1 Every written acceptance of a bid shall be posted to the provider concerned by registered or certified mail and any other notice to him shall be posted by ordinary mail to the address furnished in his bid or to the address notified later by him in writing and such posting shall be deemed to be proper service of such notice.
- 32.2 The time mentioned in the contract documents for performing any act after such aforesaid notice has been given, shall be reckoned from the date of posting of such notice.

33. TAXES AND DUTIES

- 33.1 A foreign provider shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the purchaser's country.
- 33.2 A local provider shall be entirely responsible for all taxes, duties, license fees, etc, incurred until delivery of the contracted goods to the purchaser.



33.3 No contract shall be concluded with any tenderer whose tax matters are not in order. Prior to the award of a bid SARS must have certified that the tax matters of the preferred tenderer are in order.

34. Transfer Of Contracts

34.1 The contractor shall not abandon, transfer, assign or sublet a contract or part thereof without the written permission of the purchaser.

35. Amendment Of Contracts

35.1 No agreement to amend or vary a contract or order or the conditions, stipulations or provisions thereof shall be valid and of any force unless such agreement to amend or vary is entered into in writing and signed by the contracting parties. Any waiver of the requirement that the agreement to amend or vary shall be in writing, shall also be in writing.

36. Duration

The contract duration is **Twenty-Four (24) Months**.





DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE
PROVINCE OF THE EASTERN CAPE

TENDER DOCUMENT

**PROJECT DESCRIPTION: TERM CONTRACT FOR PLUMBING MAINTENANCE
AND REPAIRS AT VARIOUS GOVERNMENT
BUILDINGS IN SARAH BAARTMAN REGION FOR A
PERIOD OF TWO (2) YEARS**

PROJECT NUMBER: SCMU5 – 23/24/0003SB

Revision history:

Rev. No	Description	By	Date



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1. KNOWLEDGE

- 1.1 This specification is for plumbing and drainage emergency repairs in Nelson Mandela Metro for a 24 month period commencing from the date of site hand-over, or until work to the amount of the contract sum is completed – whichever event occurs first. The work consists of mainly plumbing work, earthworks, concrete, formwork & reinforcement, recast concrete, masonry, floor coverings, tiling, and paintwork.
- 1.2 The work has to be completed as per specification, and the latest revisions of the following standards and specifications:
 - 1.2.1 Relevant Department of Public Works standard specifications available from the National Department of Public Works website.
 - 1.2.2 SANS 10400: The Application of the National Building Regulations
 - 1.2.3 Occupational Health and Safety Act, 1993 (Act no.85 of 1993) and any amendments thereto.
 - 1.2.4 Regulations Governing Hazardous chemical substances R1179 as amended by R930
 - 1.2.5 Regulations Government Hazardous Biological Agents R1390
 - 1.2.6 Department of Public Works specification PW371: Specification of Materials and Methods to be used and is available from National Public Works website.
 - 1.2.7 General Trade Preambles for Building Services DW10 (E) and General Specification for Repair and Renovation Services W41 (E)
 - 1.2.8 SANS 10252: Water supply and drainage for buildings
 - 1.2.9 SANS 10142: The Wiring of Premises Part 1: Low Voltage Installations
 - 1.2.10 SANS 121/ISO 1461 and SANS 32/ISO 10240 Hot dip galvanizing
 - 1.2.11 SANS 14713/ISO 14713 Protection against corrosion of iron and steel in structures.
 - 1.2.12 All other relevant specifications, standards and documents whether referenced in the above documents or not.



1.2.13 This specification is supplemental to the above and more specific. Any conflicting information must be referred to DPWI for clarification.

- 1.3 Bidders are advised to attend the non-compulsory pre-bidders site inspection to satisfy themselves as to the exact nature and extent of the work to be done. Non-compulsory meeting will be attended in this venue: 55 Albany Road, DPW& I, Gqeberha.
- 1.4 The removal of rubble is to be executed in a workmanlike, practical and safe manner under the continuous supervision of a competent foreman. All old materials and debris shall be collected and carted away and the site left clean and unencumbered before commencing operation on the work.
- 1.5 The contractor is advised to check all dimensions affecting any work to be performed on site. The contractor will be held solely responsible for all the new work being of the correct size and quantity.
- 1.6 Special care is to be taken not to unnecessarily interfere with wires, services, etc. that may be encountered and notice is to be given to the Department of Public Works & Infrastructure Representative when any disconnections or removals of the above are necessary.
- 1.7 The contractor will be held solely responsible for any injury to persons, damage to property and for the safety of the structure/house throughout the duration of the two year term contract and must make good at his expense any damage that may occur.
- 1.8 All light fittings, switchgear, ceilings, furniture, walls, floors, slabs & any equipment, etc. must be adequately protected from damage during the progress of the work. Any damages resulting from the repairs and renovations must be made good by the contractor at his own expense
- 1.9 The appointed contractor must carry the work in a safe manner and in accordance to specification.
- 1.10 All material used must be SABS approved
- 1.11 If available, priced items must carry the SABS mark.
- 1.12 Samples of materials to be used for the new works must be submitted to Department of Public Works and Infrastructure for approval prior ordering.



- 1.13 If the contractor happen to supply and install an item that is not of good quality or good standard due to failure to adhere to the condition stipulated in item no 1.6, then the contractor is required to remove and replace the substandard item with an approved one at his/her own expense.
- 1.14 Items to be replaced must be replaced with a similar item. If such an item is not available an item approved by the Head of Department or his representative must be installed.
- 1.15 Technical issues may be forwarded to Mr. M.A Ntantiso via email; Mkuseli.ntantiso@ecdpw.gov.za or call at 0636868380.
- 1.16 Bidders are reminded to take extra precautions against the coronavirus. The tuberculosis and COVID-19 are classified by Occupational Health and Safety Act regulation R1390 as Hazardous Biological Agent (HBA), bidders are to take appropriate measures to prevent infection during the execution of work. This must be reflected clearly in the contractor's Health and Safety plan.
- 1.17 The services for which tenders are invited are in respect of all houses/properties falling under the jurisdiction of Department of Public Works and Infrastructure in Sarah Baartman region, and are mainly existing houses.
- 1.18 The successful tenderer may also be requested to undertake work at other provincial government institutions at the same scheduled rates. The department retains the right to have some of the work for which tenders are invited carried out by official work teams or other contractors.
- 1.19 The Department retains the right to have work executed for which no schedule rates exist: rates for such work shall be calculated on the cost of materials used (invoice to be supplied) plus the contractor's percentage mark-up as indicated in the schedule of rates. The labour cost shall be as indicated in the schedule of rates, transport costs as per the schedule of rates, and to the total 15% VAT shall be added. The above shall include supervision, administration and all other overhead costs and profit. The total thus arrived at shall be the total amount recoverable by the contractor for performing such work. Supporting vouchers showing the time spent and materials used and distance travelled in respect of completed work must be submitted to relevant DPWI representative within 30 days from the date of completion of the service.
- 1.20 The department will only accept invoices or proof of purchase from the approved or accredited hardware shop suppliers for cost of materials used.



- 1.21 Such work stipulated in item 1.19 above shall never be performed by the contractor prior receiving written/verbal instruction to do so from the Department of Public Works and Infrastructure.
- 1.22 No other work other than that which is instructed must be carried out.
- 1.23 Obsolete or broken items which are replaced remain the property of the State and may not be removed from the site unless instructed to do so. No extra's will be entertained for such removal and disposal.
- 1.24 Should instructions received by the contractor not be clear or are contradictory, the contractor must communicate with this office before the work is executed.
- 1.25 Failure to comply with any of the conditions, stipulations or provisions mentioned in these documents will be considered as a breach of contract, in which case the Department retains the right to cancel the contract. Any additional expenditure which may have to be incurred as a result of the cancellation of the contract will be recovered from the contractor.
- 1.26 Notwithstanding the abovementioned Conditions of Contract, the Department shall also have the right to invite quotations from other contractors to carry out certain works if the volume of work is beyond the scope of the contractor. (e.g. as a result of storm or riots).
- 1.27 All workmanship and materials shall comply with PW371, DW10E & W41.
- 1.28 Provisional quantities are placed against each item in the attached schedule of rates to enable the representative to evaluate these tenders. Tenderers' attention is drawn to the fact that the totals arrived at on the summary page is in no way indicative of the amount of work to be performed over the two year term of this contract.
- 1.29 Tenderers are required to check the number of pages of this document. Should any page found to be missing or in duplicate, be indistinct or any doubt arise as to the meaning of descriptions, or any if the schedule of rates contains any obvious errors, then the Tenderer must immediately inform the Head of Department and have it rectified or explained. No claim whatsoever shall be admitted afterwards by reason of the tenderer failing to comply with these instructions. No alteration, erasure, addition or omission is to be made to this document.
- 1.30 All items in the schedule of rates to be priced and totaled in black ink.
- 1.31 The tenderer hereby offers to provide all the labour, workmanship, transport and equipment and to do everything necessary in and for the entire completion of the



work and service during the two year term and in the area stated for the sum tendered against the relative items in the attached priced schedule of rates to the entire satisfaction of the Head of Department of Public Works and according to the attached standards.

- 1.32 The tenderer further undertakes that his tender shall not be withdrawn within 120 (one hundred and twenty days) of the date of closing of the tenders. ?????
- 1.33 The tenderer undertakes to pay any additional expenses which may be incurred in the event of fresh tenders having to be called for or a less favorable tender having to be accepted as a result of the withdrawal of the tender after the closing date of the tender. Tenderers further agree to the condition that this tender and its acceptance by the Head of Department constitute a binding contract and that such acceptance may be by letter, email or facsimile and that the Post Office is considered an agent of the department and delivery of such letter to the Post Office be regarded as having been delivered to the successful bidder. ????????
- 1.34 The law of the Republic of South Africa is applicable.
- 1.35 The tenderer undertakes to:
 1. Arrange with occupants of the houses for access
 2. Take all necessary precautions to protect furniture & fittings against damage and or contamination
 3. Indemnify the Head of Department against any claim of whatever nature arising from his/her activities and to accept responsibility for all damage caused to property or persons as a result of such activities
 4. Indemnify his/her workmen in terms of the Workmen's Compensation Act
 5. Comply with the by-laws of the local authority as well as with the Occupational Health and Safety Act (Act No. 85 of 1993)
- 1.36 If the returnable and the schedule of rates are not duly filled in and signed in black ink it will invalidate the tender. Where alterations have been made or where required information is not submitted fully tenders will be invalidated.
- 1.37 All bidders must be registered with IOPSA (Institute of Plumbing South Africa), proof of registration must be attached, failure to do so will automatically eliminate your quotation.
- 1.38 **PLEASE NOTE: All work is to be undertaken and endorsed by a qualified/ registered Plumber artisan, and submit COC for all plumbing work related (including for the installation of a geyser & water reticulation)**



2. URGENT AND NORMAL SERVICES, AND WITHDRAWAL OF SERVICES

- 2.1 Urgent services, i.e. burst water pipes, leaking geysers, taps, cisterns, etc. and any water that is leaking non-stop without stopper/gate valve to switch off the water, in respect of which repair instructions are issued verbally or in writing must be completed within 48 hours of receipt of such instruction.
- 2.2 Normal services must be completed within seven (7) calendar days from date of instruction unless otherwise specified.
- 2.3 The Department reserves the right to cancel any instruction and have work that is not attended to in the specified periods, as mentioned in 2.1 and 2.2 above, executed by others, without prior notice, and recover the difference in cost, if any, from the contractor.
- 2.4 The contractor will have no claim to remuneration for any expenditure incurred in respect of services not executed timeously or where instructions were cancelled as stipulated in 2.3 above.

3. CONTRACT DOCUMENTS

- 3.1 All documents submitted must be clearly marked and all pages must be signed by authorized representative and returned with the bid.
- 3.2 The schedules of rates, together with any documents annexed hereto, will constitute the agreement.

4. ESCALATION AND FLUCTUATION

The contract price is also not subject to escalation. The successful tenderer shall be bound by his scheduled rates for a period of **twenty four** months from the commencement date of the contract, and no price adjustments of any nature, except for changes to the rate of Value Added Tax, shall be applicable to these scheduled rates. The tenderer shall therefore make provision in his pricing for possible fluctuations in costs. After **twenty four** months rates will be adjusted according to WG180 index as issued by Stats SA (CPAP).

5. LEGAL REQUIREMENTS

- 5.1 All work shall be carried out according to the requirements of the Occupational Health and Safety Act and regulations. The contractor shall provide a detailed health and safety plan clearly indicating all possible hazards and procedures in place to prevent injury and infection.



- 5.2 All registration certificates, written local authority approvals, test certificates and certificate of compliance shall be submitted to the Department of Public Works and Infrastructure before the works to be accepted as completed.

6. WARRANTY

6.1 Workmanship guarantee

The contractor is to guarantee the new works and workmanship for a period of 3 (three) months against any defects (latent or obvious), non-conformance and/or failure from date of works completion. Any such defects and/or failure that may occur or become evident during the 3 month guarantee period shall be rectified within seventy two (72) hours after being notified of the occurrence of the defect. If the nature of the defect is such that it cannot be rectified within 72 hours, the repair time shall be mutually agreed between DPWI and the appointed contractor. In the event that such failure and/or defect constitute a threat to the health and safety of the user and/or occupants, the contractor shall take **immediate** steps to rectify the fault.

The contractor shall also submit to the DPWI a full report describing the nature of failure, cause of failure and possible methods to prevent failure in the future.

In the event that the contractor does not attend to such defects after being notified, the DPWI reserve the right to effect the rectification of the defect and recover the costs thus incurred from the contractor.

6.2 Equipment Warrantees

All equipment shall carry the Manufacturer's warranty against all manufacturing defects for a minimum number of years as specified in the manufacturer's specification, underwritten by a recognized insurance company.

This guarantee shall be signed by the Contractor and countersigned by the supplier of the materials used. Original copy of warranty shall be submitted by the contractor to DPWI agent.

7. SITE

- 7.1 This specification is for two year term contract for plumbing and drainage emergency repairs at state owned houses in Sarah Baartman Region.
- 7.2 The responsibility shall rest with the Contractor to liaise with tenants of houses with regard to access to houses and as to where keys may be obtained.



- 7.3 The state owned houses are always fully occupied and the appointed contractor is advised to comply with all the necessary precautions that are prescribed in this document to take care of the building/houses, residents and fixed furniture inside.
- 7.4 The contractor must prevent neighbors and members of the public from entering the sites without authority. Safety precautions shall be taken to prevent injury or death and possibility of damaging any part of the buildings/houses
- 7.5 No interaction between the neighbors/members of the community and contracting staff is allowed.
- 7.6 All contracting staff shall be clearly identified by wearing properly marked overalls. The contractor supervisor shall account for all the contracting staff on site.
- 7.7 The work areas shall be enclosed and clearly demarcated with safety barriers.

8. CONTRACT PERIOD

The contract period shall be twenty four (24) months commencing from the date of site hand-over to the contractor, or until work to the amount of the contract sum is completed – whichever event occurs first.

9. MAKING GOOD TO TRADES AND CLEARING SITE

- 9.1 After completion of works all trades shall be made good and left in a clean and neat condition. All packaging material, rubble, crates and items used shall be removed from the site and disposed in a correct and legal manner.
- 9.2 All surfaces to be painted/varnished must be prepared and painted with one coat primer, one under coat and two finishing coats. The paint/varnish system to be SABS approved and must form part of a manufacturer's paint system and guarantee. Patching of paint work with non-matching colours shall not be accepted.

10 PENALTY FOR DELAY

- 10.1 Penalties will apply as per SLA (GCC)



11. CONTINGENCY AMOUNT

- 11.1 A contingency amount of R 230, 000.00 (Two Hundred and thirty Thousand Rands) excluding VAT is shown on the summary page (at page number 66). This contingency amount is not for the use of the contractor but for unforeseen items that may be requested by the DPWI. Any additional costs incurred on request of DPWI must be substantiated on a quotation basis and shall be approved/rejected by DPWI. No additional work may be done without written/verbal instruction from DPWI.

12. TRANSPORT AND TRAVELLING

- 12.1 Kilometers will be measured from Provincial Department of Public Works and Infrastructure, 55 Albany road, Gqeberha to all various sites
- 12.1 Transport cost are for a vehicle with a load of (1) ton, inclusive of traveling time for (1) Technician/Artisan and (2) General assistants for the servicing and repairs to plumbing work and make good all trades thereof.

The contractor will only reimbursed for a maximum of two trips per incident.

13. SUMMARY OF SCOPE OF WORK

Tenders are advised to study the specification of materials and methods to be used (PW 371) before pricing this tender doc.

- 13.1 Remove all existing work (wall & floor tiles, plastering, concrete work, paving. etc.)
- 13.2 Earthworks (excavations, compaction, backfilling, etc.)
- 13.3 Concrete, formwork and reinforcement
- 13.4 Brickwork (Masonry)
- 13.5 Floor covering, tiles and plastering
- 13.6 Removing & replacing of ceiling
- 13.7 Plumbing and drainage (removing and replacing of sewer & waste pipes with fittings)
- 13.8 Sewer and drainage pipes (replacing of pipes above & below ground level)
- 13.9 Supply and fit new surface boxes, manholes, covers, rodding eye, frame, etc.
- 13.10 Servicing, cleaning and repair of blockages.
- 13.11 Sanitary fittings (removing & replacing of taps, WHB, cisterns, WC pans, baths, etc.).



- 13.12 Removing and replacing of geysers, and kitchen cupboard sink bowls.
- 13.13 Supply and fit new stop taps, valves, etc.
- 13.14 Comply with all health and safety requirements as per Occupational Health and Safety Act as well as this specification.
- 13.15 Keep an up to date health and safety file with all legal and specified requirements on site and provide a close out report at the end of the project.
- 13.16 Provide a labour report indicating all labour employed and local labour utilized if required.
- 13.17 Arrange for inspection and approval by DPWI for work completed.

14. SCHEDULE OF PRICES

- 14.1 The schedule of prices is for plumbing and drainage emergency repairs in Sarah Baartman region.
- 14.2 The work consists of mainly plumbing & drainage related work, earthworks, concrete, formwork & reinforcement, precast concrete, masonry, ceilings, floor coverings, plastering, tiling, and painting.
- 14.3 The schedule of prices must be fully completed as part of the tender submission.
- 14.4 These schedule of rates, together with any documents annexed here, will constitute the agreement.
- 14.5 Items that are in repairs to existing/new work, prices are to include for taking out damaged items, safely disposing thereof, preparing and installing new items.
- 14.6 Prices reflected on price schedule must include all costs associated with the work such as; building material, markup/profit, administrative fees, overheads and all other fees required to run day to day activities of the two year term tender contract.
- 14.7 These costs stipulated in item 14.6 must exclude travelling expenses. Travelling costs are allowed in price schedule at page 64 of the specification.
- 14.8 The Contractor is to **include labour costs** in their repair & service rate as well
- 14.9 The labour cost in the price schedule is for unspecified maintenance or repairs
- 14.10 The prices reflected may also be used for additions and/or omissions as required and **MUST EXCLUDE VAT.**



Item	Description	Unit	Qty	Rate	Amount
	REMOVAL OF EXISTING WORK				
1	Wall ceramic tiles or floor ceramic or porcelain tiles				
	Hack off/up and removing ceramic tiles from plastered wall to locate burst pipe clean up and wet thoroughly to prepare surface to receive new ceramic wall tiles. (new ceramic tiles measured elsewhere)				
1.1	Ceramic tiles from brick wall	m ²	1	R	R
1.2	Ditto but in narrow width not exceeding 300mm wide	m	1	R	R
2	Floor ceramic or porcelain tiles				
	Hack off/up and remove ceramic or porcelain tiles from floor slab to locate burst pipe and prepare surface to receive new tiles. (new floor tiles measured elsewhere)				
2.1	Remove tiles from floor slabs	m ²	1	R	R
3	Vinyl tiles				
	Hack off/up and remove vinyl floor tiles from floor slab to locate burst pipe and prepare surface to receive new tiles. (vinyl floor tiles measured elsewhere)				
3.1	Remove vinyl tiles from floor slabs	m ²	1	R	R
4	Vinyl sheeting				
	Hack off/up and remove vinyl sheeting from floor slab to locate burst pipe and prepare surface to receive new sheets. (vinyl sheeting measured elsewhere)				
4.1	Remove vinyl sheets from floor slabs	m ²	1	R	R
5	Hack off and remove plaster on walls				
	Hack off/up and remove plaster from wall to locate burst pipe clean up and wet thoroughly to prepare wall surface to receive new plaster. (New plaster measured elsewhere)				
5.1	Remove cement plaster from walls	m ²	1	R	R
5.2	Ditto but in narrow width not exceeding 300mm wide	m	1	R	R
	Add item no 1.1–5.2 & carried forward the total to the summery page			R	



Item	Description	Unit	Qty	Rate	Amount
6	Hack off and remove plaster on screed				
	Hack off/up and remove plaster screed on concrete slab/ surface bed to locate burst pipe and prepare surface to receive new screed. (plaster screed measured elsewhere)				
6.1	Remove plaster screed on concrete slab/surface	m ²	1	R	R
7	Hack off and remove unreinforced concrete				
	Hack off/up and remove unreinforced concrete to expose burst pipes in bases, surface bed etc. and prepare surface to receive new concrete. (new concrete surface bed measured elsewhere)				
7.1	Remove unreinforced concrete	m ³	1	R	R
8	Hack off and remove reinforced concrete				
	Hack off/up and remove reinforced concrete to expose burst pipes in bases, surface bed etc. and prepare surface to receive new concrete. (new concrete surface bed measured elsewhere)				
8.1	Remove reinforced concrete	m ³	1	R	R
8.2	Hack off/up to expose rodding eye, gully, and manhole from encased concrete			R	R
8.3	To expose gully from encased concrete	no	1	R	R
8.4	To expose rodding eye from encased concrete	no	1	R	R
8.5	Cash pit, 450mm long x 450mm wide	no	1	R	R
8.6	Chamber, 600mm long x 450mm wide	no	1	R	R
8.7	Chamber, 900mm long x 600mm wide	no	1	R	R
8.8	Manhole, 450mm long x 450mm wide	no	1	R	R
8.9	Manhole, 900mm long x 600mm wide	no	1	R	R
9	Core drilling				
9.1	50 mm Core drilled hole through existing concrete slab not exceeding 350 mm	no	1	R	R
	Add item no 6.1–9.1 & carried forward the total to the summery page			R	



Item	Description	Unit	Qty	Rate	Amount
9.2	65 mm Core drilled hole through existing concrete slab not exceeding 350 mm	no	1	R	R
9.3	80 mm Core drilled hole through existing concrete slab not exceeding 350 mm	no	1	R	R
9.4	100 mm Core drilled hole through existing concrete slab not exceeding 350 mm	no	1	R	R
10	Roads and parking etc.				
	Hack off/up and remove existing asphalt layer, interlocking road stones, consolidated gravel, etc. to expose burst pipes etc. and prepare surface to receive new material. (new material measured elsewhere)				
10.1	32 mm thick (after compaction) bituminous surface, 150mm base course and prepare sub-base	m ²	1	R	R
10.2	Ditto – but without base course and sub-base	m ²	1	R	R
10.3	25 mm thick (after compaction) bituminous surface including 150mm base course and prepare sub-base	m ²	1	R	R
10.4	Ditto – but without base course and sub-base	m ²	1	R	R
10.5	80-100mm interlocking road stones/cobbles including 150 mm course and prepare sub-base	m ²	1	R	R
10.6	75mm consolidated gravel surface	m ³	1	R	R
9.7	Ditto but in narrow width not exceeding 300mm wide	m ²	1	R	R
11	EARTHWORKS				
	Excavate in earth for surface trenches not exceeding 2m deep below natural ground level for exposing of burst underground pipes, laying of sewer lines, water pipes, drains, manholes, etc.				
11.1	Trenches	m ³	1	R	R
11.2	Holes	m ³	1	R	R
	Ditto, exceeding 2m deep but not exceeding 3m deep				
11.3	Trenches	m ³	1	R	R
Add item no 9.2–11.3 & carried forward the total to the summery page				R	



Item	Description	Unit	Qty	Rate	Amount
11.4	Holes	m ³	1	R	R
	Ditto, exceeding 3m deep but not exceeding 4m deep				
11.5	Trenches	m ³	1	R	R
11.6	Holes	m ³	1	R	R
12	Extra over trenches and holes excavations in earth for excavations in				
12.1	Soft rock	m ³	1	R	R
12.2	Hard rock	m ³	1	R	R
13	Extra over all excavations for carting away				
	Surplus material from excavations and/or stock piles to be carted away from site to a dumping zone located by contractor. The disposal shall be in an environmentally acceptable manner that does not violate local rules and regulations.				
13.1	Cart rubble away from site	m ³	1	R	R
14	Risk of collapse of excavations				
14.1	Sides of trenches and holes excavations not exceeding 1,5m deep	m ²	1	R	R
14.2	Ditto, exceeding 1.5m dp but not exceeding 2m dp	m ²	1	R	R
14.3	Ditto, exceeding 2m dp but not exceeding 2.5m dp	m ²	1	R	R
14.4	Ditto, exceeding 2.5m dp but not exceeding 3m dp	m ²	1	R	R
15	Keeping excavations free from water				
	No water is allowed to accumulate in any portion of the excavation. Any water found in the excavations shall immediately be removed by pumping or baling.				
15.1	Keep excavation free form water		Item	R	R
16	Compaction				
	Compaction of ground surface, under floors, etc. including scarifying for a depth of 150mm, breaking down oversize				
	Add item no 11.4–15.1 & carried forward the total to the summery page			R	



Item	Description	Unit	Qty	Rate	Amount
	material, adding suitable material from excavated material where necessary and compacting to 100% Mod AASHTO density.				
15.1	Trenches	m ³	1	R	R
15.2	Holes	m ³	1	R	R
17	Backfilling				
	Allow 50mm layer of clean dry sand spread and levelled over compacted surface to receive new underground piping. Backfill to trenches and holes with clean, dry earth filling from the excavated material, free from clay, in making up levels, etc. watered and well rammed in 150mm depth and compacted to 95% Mod AASHTO				
17.1	Backfilling of trenches with earth filing	m ³	1	R	R
17.2	Backfilling of Holes with earth filling	m ³	1	R	R
17.3	Allow 50mm sand bedding to trenches	m ³	1	R	R
17.4	Allow 50mm sand bedding to holes	m ³	1	R	R
	CONCRETE, FORMWORK AND REINFORCEMENT				
18	Concrete in surface bed, holes, bases and excavated trenches etc.				
18.1	10Mpa/19mm concrete (Class A)	m ³	1	R	R
18.2	15Mpa/19mm concrete (Class C)	m ³	1	R	R
18.3	25Mpa/19mm concrete (Class E)	m ³	1	R	R
18.4	30Mpa/19mm concrete (Class F)	m ³	1	R	R
19	Pre-stressed concrete				
	Provide and lay in position approved pre-cast concrete municipal paving, slabs, pattern material to match the existing in all aspects.				
19.1	Paving slabs	m ²	1	R	R
	Add item no 15.1–19.1 & carried forward the total to the summery page			R	



Item	Description	Unit	Qty	Rate	Amount
20	Provide and lay in position approved Pre-cast concrete municipal rainwater channel				
20.1	Storm water channel	m	1	R	R
21	Provide and lay in position approved pre-cast concrete municipal road kerb.				
21.1	Side road kerb	m	1	R	R
22	Reinforcement: high tensile steel welded mesh, concrete blocks & binding wires				
	Welded high tensile steel fabric mesh reinforcement, ref. 395 (3.95kg/m²) 8.0mm thick laid in concrete slab, pavement, etc. including laps spaced 50mm from top, bottom and sides using plastic spacers. Welded steel fabric mesh reinforcement shall comply with SABS specification. The rods must be thoroughly cleaned before put into place. Diameters, lengths and position of rods must be done as pointed out by DPWI representative. All joints shall be lapped 40 times the diameter of the rod and tied with 1.25 mm diameter binding wire at every intersection All stirrups shall be properly fastened to the rods so as to retain their relative positions during the entire period of concreting. Blocks of the fine concrete, size approximately 40 x 40 mm, or plastic spacers, shall be provided and shall be placed under the main reinforcing rods at approximately 600 mm centers.				
22.1	Mesh wire Ref. 395.	m ²	1	R	R
22.2	Minimum of Y10 steel bars/rods, size 6m	no	1	R	R
22.3	Minimum of R8 stirrups, size 6m	no	1	R	R
22.4	Concrete blocks/plastic spacers	no	1	R	R
22.5	1.25mm diameter galvanised binding wires	m	1	R	R
	Add item no 20.1–22.5 & carried forward the total to the summery page			R	



Item	Description	Unit	Qty	Rate	Amount
23	Formwork				
	Formwork include all shuttering, casing etc. required for laying and forming of reinforced concrete beam, slabs, etc. and shall embrace all cleats, battens, wedges, struts, bracers, and other requirements for keeping wet concrete in position. All joints must be tight enough to prevent leakage. Wedges and clamps must be used in preference to nails. Immediately before concreting begun, the formwork in contact with concrete must be thoroughly cleaned, wetted and kept damp whilst the concreting is being placed. Contractor to keep formwork wedged up to its correct height and this must be checked by taking levels before concreting is commenced and after it has been completed				
23.1	Provide and install formwork	m ²	1	R	R
	BRICKWORK (MASONRY)				
24	Brickwork required for re-construction of shower, bath wall & other related work				
	Supply new extra hard burnt clay bricks to erect any type of wall required by the DPWI representative. The brick work can be made-up of two skins (110mm) or including up to 110mm cavity with 25MPa concreted fill. The bricks are laid on a solid concrete footing (concrete measured elsewhere) or on a solid ground. All joints thoroughly grouted up solid throughout the whole width of each course. Cement mortar is composed of 4 parts of sand and 1 part of cement. The brickwork is carried up in a uniform manner. The joints in brickwork have a smooth finish. Mortar joints to brickwork is 10mm thickness. Bricks are tied together with metal ties butterfly shaped of sufficient length to allow not less than 75mm of each end to be built into brickwork. Ties are evenly spaced at not more than 1m apart on every third course.				
24.1	Supply and lay new extra hard burnt clay bricks	m ²	1	R	R
	Add item no 23.1–24.1 & carried forward the total to the summery page			R	



Item	Description	Unit	Qty	Rate	Amount
	FLOOR COVERINGS AND TILES				
25	Vinyl floor finishes and skirtings				
	2.5mm approved fully flexible vinyl sheet flooring and semi-flexible vinyl floor tiles in accordance with SABS approved standard and must be of the best quality from an approved manufacturer. To be installed as per manufacturer's instructions. The flooring shall be of marbled pattern, of approved light colour and tiles shall be 300 x 300mm in size. Vinyl cove skirtings shall be of approved manufacture and 70 mm in height Vinyl sheeting and tiles shall be laid on a perfectly dry and clean screeded surface. Applied approved adhesive as per SABS Code of Practice. Clean and polish floors with two coats polymer floor dressing				
25.1	Fully flexible vinyl sheet flooring	m ²	1	R	R
25.2	Semi-flexible vinyl floor tiles	m ²	1	R	R
25.3	70mm in height vinyl cove skirting	m	1	R	R
25.4	70mm in height wooden skirting	m	1	R	R
25.5	Cleaning and polishing of floors	m ²	1	R	R
26	Ceramic floor tiles and skirting				
	Ceramic floor tiles Provide and lay new approved non- slip type grade 1 ceramic floor tiles in an approved adhesive with grouting to cement screed. Use new 10mm thick cross plastic spacers to keep the same joints throughout the floor area. On completion wipe all the excess adhesive with a wet cloth. Ceramic skirting Form ceramic tile skirtings where required, 100 mm high, coved at junction with floor and rounded on top edge,				
	Add item no 25.1–25.5 & carried forward the total to the summary page			R	



Item	Description	Unit	Qty	Rate	Amount
	bedded, jointed and pointed as described for floors.				
26.1	350mm x 350mm ceramic floor tiles	m ²	1	R	R
26.2	400mm x 400mm ceramic floor tiles	m ²	1	R	R
26.2	450mm x 450mm ceramic floor tiles	m ²	1	R	R
26.2	500mm x 500mm ceramic floor tiles	m ²	1	R	R
26.2	600mm x 600mm ceramic floor tiles	m ²	1	R	R
26.3	100mm in height for ceramic skirting	m	1	R	R
27	Glazed wall tiling				
	Glazed tiles for wall tiling shall comply with the requirements of SABS Specification and shall be white, and 6,5 mm or 5,0 mm thick. The tiles shall be fixed in accordance with SABS standard with horizontal and vertical joints continuous. Approved tile adhesive must be used and all joints shall be rubbed in solid with neat white cement grout. Use new 8mm thick cross plastic spacers to keep the same joints throughout the wall area. On completion wipe all the excess adhesive with a wet cloth.				
27.1	152mm x 152mm wall tiles	m ²	1	R	R
27.2	200mm x 200mm wall tiles	m ²	1	R	R
27.3	300mm x 300mm wall tiles	m ²	1	R	R
27.4	400mm x 400mm wall tiles	m ²	1	R	R
27.5	450mm x 450mm wall tiles	m ²	1	R	R
27.6	600mm x 300mm wall tiles	m ²	1	R	R
	PLASTERING				
28	Cement to concrete surface				
	All surfaces of concrete receiving plaster shall be well wetted and the base of concrete is hard and strong, free of cracks and is level wire brushed immediately the formwork has been removed. Ensure that, and when				
	Add item no 26.1–27.6 & carried forward the total to the summary page			R	



Item	Description	Unit	Qty	Rate	Amount
	necessary expose clean hard concrete by chipping top part to form key for finish. Laying Make up grout by mixing ½ litre water per kg cement, or use bonding agent, brush over surface before applying screed. Bonding agent must be applied in accordance to manufactures instructions. Screed Shall be composed of 3 parts of sand and 1 part of cement and finished off flush with existing surface. Screed thickness shall be between 25 – 50mm				
28.1	Apply cement plaster to concrete surfaces	m ²	1	R	R
29	Cement on brickwork				
	Wall surface shall be well wetted before plastering is commenced. External & internal plaster shall be steel trowelled to a smooth, even and true finish. All cracks, blisters and other defects shall be cut out, made good and the whole wall left perfect at completion. Cement plaster shall be composed of 4 parts of sand and 1 part of cement for internal work, and 5 parts of sand and 1 part of cement for external work.				
29.1	Plaster on external walls	m ²	1	R	R
29.2	Plaster on internal walls	m ²	1	R	R
29.3	Plaster in patches	m ²	1	R	R
30	CEILINGS				
	Remove and replace damaged ceiling with new rhino board ceiling, cover strips and cornice. Rhino board shall be 6,4 mm thick complying with the requirements of SABS Specification. The boards shall be nailed to the brandering with 2 mm diameter galvanised clout nails, 40mm long, spaced at not more than 100mm centres at edges of boards and 150mm centres along the intermediate brandering.				
	Add item no 28.1–29.3 & carried forward the total to the summery page			R	



Item	Description	Unit	Qty	Rate	Amount
	Cover strips to joints shall be of rhino board ceiling, 50mm wide, with smooth matched edges, neatly jointed and fixed with 2mm diameter galvanised clout nails, 40mm long, spaced at not more than 150mm centres. Rhino board cove cornices to ceilings shall be 76mm girth, all nails through the ceiling boards to the brandering and to walls at not exceeding 300mm centres with 2mm diameter steel nails, 40mm long, driven into the brickwork with heads flush with surface.				
30.1	Rhino board ceiling, cover strips & cove cornices	m ²	1	R	R
30.2	Clout nails for ceiling, cover strips and cove cornice	kg	1	R	R
31	Trap doors in ceilings and in bathrooms				
	In ceilings Shall be trimmed with 38 x 100 mm timbers, all securely spiked to the supporting timbers. The framework is formed out of 38 x 50 mm softwood, properly spiked to supporting timbers and trimmers. The size of the opening shall be 650 x 650 mm. Trap doors are hung on a pair of 75 mm steel butts. Soffits of trap doors shall be flush with soffit of ceiling when closed and flap back 180° on to top of the brandering when opened. Closed trap doors shall rest on 50 x 19 mm softwood fillets all around opening, mitred at angles and securely fixed to soffit of ceiling. In bathrooms (bath walls) Ditto, but the opening is 400mm x 400mm. Contractor to double check the sizes prior ordering material				
31.1	Trapdoors in ceilings	no	1	R	R
31.2	Trapdoors in bathroom (bath wall)	no	1	R	R
	Add item no 30.1–31.2 and carried forward the total to the summery page			R	



Item	Description	Unit	Qty	Rate	Amount
	PLUMBING AND DRAINAGE				
32	Replace damaged pipe with copper pipe above ground level				
	Remove and replace damaged/leaking pipes with new SABS approved water supply copper pipes above ground level and in walls fastened with clips, holderbats etc. including all necessary fittings, accessories (fittings elsewhere measured)				
32.1	15mm diameter pipe to walls, ceiling, floor, in walls etc.	m	1	R	R
32.2	22mm diameter pipe to walls, ceiling, floor, in walls etc.	m	1	R	R
32.3	28mm diameter pipe to walls, ceiling, floor, in walls etc.	m	1	R	R
32.4	35mm diameter pipe to walls, ceiling, floor, in walls etc.	m	1	R	R
32.5	40mm diameter pipe to walls, ceiling, floor, in walls etc.	m	1	R	R
33	Replace damaged pipe with copper pipe below ground level				
	Remove and replace damaged/leaking pipes with new SABS approved water supply copper pipe below ground level including all necessary fittings, accessories (fittings elsewhere measured).				
33.1	15mm Diameter pipe	m	1	R	R
33.2	22mm Diameter pipe	m	1	R	R
33.3	28mm Diameter pipe	m	1	R	R
33.4	35mm Diameter pipe	m	1	R	R
33.5	40mm Diameter pipe	m	1	R	R
34	Replace damaged pipe with galvanised mild steel pipe above ground level				
	Remove and replace damaged/leaking pipes with new SABS approved water supply galvanised mild steel pipes above ground level and in walls fastened with clips, holderbats etc. including all necessary fittings, accessories (fittings elsewhere measured)				
	Add item no 32.1–33.5 and carried forward the total to the summery page			R	



Item	Description	Unit	Qty	Rate	Amount
34.1	15mm diameter pipe to walls, ceiling, floor, in walls etc.	m	1	R	R
34.2	20mm diameter pipe to walls, ceiling, floor, in walls etc.	m	1	R	R
34.3	25mm diameter pipe to walls, ceiling, floor, in walls etc.	m	1	R	R
34.4	32mm diameter pipe to walls, ceiling, floor, in walls etc.	m	1	R	R
34.5	40mm diameter pipe to walls, ceiling, floor, in walls etc.	m	1	R	R
35	Replace damaged pipe with galvanised mild steel pipe below ground level				
	Remove and replace damaged/leaking pipes with new SABS approved water supply galvanised mild steel pipes below ground level including all necessary fittings, accessories (fittings elsewhere measured).				
35.1	15mm diameter pipe	m	1	R	R
35.2	20mm diameter pipe	m	1	R	R
35.3	25mm diameter pipe	m	1	R	R
35.4	32mm diameter pipe	m	1	R	R
35.5	40mm diameter pipe	m	1	R	R
35.6	50mm diameter pipe	m	1	R	R
35.7	65mm diameter pipe	m	1	R	R
35.8	80mm diameter pipe	m	1	R	R
35.9	100mm diameter pipe	m	1	R	R
36	Replace damage pipe with cobra safe MLP (PEX AL PIPE) above ground level				
	Remove and replace damaged/leaking pipes with new heavy-duty Cobra Safe MLP (PEX AL pipe) above ground level in walls and fastened with clips, holderbats etc. including all necessary fittings, accessories (fittings elsewhere measured)				
36.1	15mm Ø x 3mm wall thickness pipe to walls, ceiling, etc.	m	1	R	R
36.2	22mm Ø x 3mm wall thickness pipe to walls, ceiling, etc.	m	1	R	R
	Add item no 34.1–36.2 & carried forward the total to the summery page			R	



Item	Description	Unit	Qty	Rate	Amount
36.3	28mm Ø x 3mm wall thickness pipe to walls, ceiling, etc.	m	1	R	R
36.4	35mm Ø x 3mm wall thickness pipe to walls, ceiling, etc.	m	1	R	R
36.5	40mm Ø x 3mm wall thickness pipe to walls, ceiling, etc.	m	1	R	R
37	Replace damage pipe with cobra safe MLP (PEX AL PIPE) below ground level				
	Remove and replace damaged/leaking pipes with new heavy-duty Cobra Safe MLP (PEX AL pipe) below ground level including all necessary fittings, accessories (fittings elsewhere measured)				
37.1	15mm Ø x 3mm wall thickness pipe	m	1	R	R
37.2	22mm Ø x 3mm wall thickness pipe	m	1	R	R
37.3	28mm Ø x 3mm wall thickness pipe	m	1	R	R
37.4	35mm Ø x 3mm wall thickness pipe	m	1	R	R
37.5	40mm Ø x 3mm wall thickness pipe	m	1	R	R
38	Replace damaged pipe with high density polyethylene water pipe above ground				
	Remove and replace damaged/leaking pipes with new SABS approved high density polyethylene water pipe above ground level in walls and fastened with clips, holderbats etc. including all necessary fittings, accessories (fittings elsewhere measured)				
38.1	16mm Ø x 2.3mm thick pipe fixed to walls, ceiling, floor.	m	1	R	R
38.2	20mm Ø x 2.3mm thick pipe fixed to walls, ceiling, floor	m	1	R	R
38.3	25mm Ø x 2.3mm thick pipe fixed to walls, ceiling, floor	m	1	R	R
38.4	32mm Ø x 3mm thick pipe fixed to walls, ceiling, floor	m	1	R	R
38.5	40mm Ø x 3.7mm thick pipe fixed to walls, ceiling, floor	m	1	R	R
39	Replace damaged pipe with high density polyethylene water pipe below ground level				
	Remove and replace damaged/leaking pipes with new SABS approved water supply high density polyethylene				
	Add item no 37.3–39.5 and carried forward the total to the summery page			R	



Item	Description	Unit	Qty	Rate	Amount
	water pipe below ground level including all necessary fittings, accessories (fittings elsewhere measured).				
39.1	20mm Diameter x 2.3mm thick	m	1	R	R
39.2	25mm Diameter x 2.3mm thick	m	1	R	R
39.3	32mm Diameter x 3mm thick	m	1	R	R
39.4	40mm Diameter x 3.7mm thick	m	1	R	R
39.5	50mm Diameter x 4.6mm thick	m	1	R	R
39.6	63mm Diameter x 5.8mm thick	m	1	R	R
39.7	75mm Diameter x 6.8mm thick	m	1	R	R
39.8	90mm Diameter x 8.2mm thick	m	1	R	R
39.9	110mm Diameter x 10mm thick	m	1	R	R
40	Replace damaged pipe with Speedfit (push-fit system) water pipe above ground level				
	Remove and replace damaged/leaking pipes with new SABS approved speedfit water pipe push-fit system above ground level including all necessary fittings, accessories (fittings elsewhere measured) Pipes must be connected by a competent person & company with accreditation.				
40.1	15 dia. x 1.85mm wall thickness pipe to walls,ceiling,etc.	m	1	R	R
40.2	22 dia. x 2.15mm wall thickness pipe to walls,ceiling,etc.	m	1	R	R
40.3	28 dia. x 2.75mm wall thickness pipe to walls,ceiling,etc.	m	1	R	R
41	Replace damaged pipe with Speedfit (push-fit system) water pipe below ground level				
	Remove and replace damaged/leaking pipes with new SABS approved speedfit water pipe push fit system below ground level including all necessary fittings, accessories (fittings elsewhere measured)				
41.1	15 diameter x 1.85mm wall thickness	m	1	R	R
41.2	22 diameter x 2.15mm wall thickness	m	1	R	R
	Add item no 39.1–41.2 and carried forward the total to the summery page			R	



Item	Description	Unit	Qty	Rate	Amount
41.3	28 diameter x 2.75mm wall thickness	m	1	R	R
42	Repair Burst pipes with Johnson quick coupler or equivalent (above and below ground level)				
42.1	15mm Diameter pipe	no	1	R	R
42.2	20mm Diameter pipe	no	1	R	R
42.3	22mm Diameter pipe	no	1	R	R
42.4	25mm Diameter pipe	no	1	R	R
42.5	28mm Diameter pipe	no	1	R	R
42.6	32mm Diameter pipe	no	1	R	R
42.7	40mm Diameter pipe	no	1	R	R
42.8	50mm Diameter pipe	no	1	R	R
42.9	65mm Diameter pipe	no	1	R	R
42.10	80mm Diameter pipe	no	1	R	R
42.11	100mm Diameter pipe	no	1	R	R
43	Extra over copper pipes for brass compression type fittings, supply & install (above and underground)				
43.1	15mm Plug	no	1	R	R
43.2	22mm Plug	no	1	R	R
43.3	28mm Plug	no	1	R	R
43.4	35mm Plug	no	1	R	R
43.5	40mm Plug	no	1	R	R
43.6	15mm Bush	no	1	R	R
43.7	22mm Bush	no	1	R	R
43.8	28mm Bush	no	1	R	R
43.9	35mm Bush	no	1	R	R
43.10	40mm Bush	no	1	R	R
	Add item no 41.3–43.10 and carried forward the total to the summery page			R	



Item	Description	Unit	Qty	Rate	Amount
43.11	15mm elbow 90°	no	1	R	R
43.12	22mm elbow 90°	no	1	R	R
43.13	28mm elbow 90°	no	1	R	R
43.14	35mm elbow 90°	no	1	R	R
43.15	40mm elbow 90°	no	1	R	R
43.16	15mm Equal Tee	no	1	R	R
43.17	22mm Equal Tee	no	1	R	R
43.18	28mm Equal Tee	no	1	R	R
43.19	35mm Equal Tee	no	1	R	R
43.20	40mm Equal Tee	no	1	R	R
43.21	15mm Straight Coupler	no	1	R	R
43.22	22mm Straight Coupler	no	1	R	R
43.23	28mm Straight Coupler	no	1	R	R
43.24	35mm Straight Coupler	no	1	R	R
43.25	40mm Straight Coupler	no	1	R	R
43.26	22mm x 15mm Reduce straight coupler	no	1	R	R
43.27	28mm x 22mm Reduce straight coupler	no	1	R	R
43.28	35mm x 28mm Reduce straight coupler	no	1	R	R
43.29	15mm x ½" inch Straight Tap Connector	no	1	R	R
43.30	22mm x ¾" inch Straight Tap Connector	no	1	R	R
43.31	15 x 15 x 22 Tee - Reduced Both ends (Reducing Tee)	no	1	R	R
43.32	22 x 22 x 28 Tee - Reduced Both ends (Reducing Tee)	no	1	R	R
43.33	22 x 22 x 15 Reducing Tee	no	1	R	R
43.34	28 x 28 x 22 Tee Reducing Tee	no	1	R	R
43.35	22mm x 15mm Straight Male Coupler	no	1	R	R
Add item no 43.11-43.35 & carried forward the total to the summery page				R	



Item	Description	Unit	Qty	Rate	Amount
43.36	28mm x 22mm Straight Male Coupler	no	1	R	R
43.37	15mm Stop End	no	1	R	R
43.38	22mm Stop End	no	1	R	R
43.39	28mm Stop End	no	1	R	R
43.40	35mm Stop End	no	1	R	R
43.41	40mm Stop End	no	1	R	R
43.42	28mm x 15mm Multi Step Reducer	no	1	R	R
43.43	15mm Wall Plate Elbow 90°	no	1	R	R
43.44	22mm Wall Plate Elbow 90°	no	1	R	R
43.45	22mm x 15mm Reducing Elbow 90°	no	1	R	R
43.46	15mm Cap Nut	no	1	R	R
43.47	22mm Cap Nut	no	1	R	R
43.48	28mm Cap Nut	no	1	R	R
43.49	15mm Brass Holderbat (measured elsewhere) in450 c/c	no	1	R	R
43.50	22mm Brass Holderbat (measured elsewhere) in450 c/c	no	1	R	R
43.51	28mm Brass Holderbat (measured elsewhere) in450 c/c	no	1	R	R
43.52	35mm Brass Holderbat (measured elsewhere) in450 c/c	no	1	R	R
43.53	40mm Brass Holderbat (measured elsewhere) in450 c/c	no	1	R	R
43.54	15mm Compression Ring	no	1	R	R
43.55	22mm Compression Ring	no	1	R	R
43.56	28mm Compression Ring	no	1	R	R
43.57	35mm Compression Ring	no	1	R	R
43.58	40mm Compression Ring	no	1	R	R
43.59	22mm x 15mm Reducer	no	1	R	R
43.60	28mm x 22mm Reducer	no	1	R	R
Add item no 43.36-43.60 & carried forward the total to the summery page				R	



Item	Description	Unit	Qty	Rate	Amount
43.61	15mm Cross over	no	1	R	R
43.62	22mm Cross over	no	1	R	R
43.63	15mm Slow bend	no	1	R	R
43.64	22mm Slow bend	no	1	R	R
43.65	28mm Slow bend	no	1	R	R
44	Supply and fit brass taps with all necessary fittings				
44.1	15mm Hose Bib Brass Tap (Cobra or equivalent)	no	1	R	R
44.2	22mm Hose Bib Brass Tap (Cobra or equivalent)	no	1	R	R
44.3	15mm Brass Stop Tap (Cobra or equivalent)	no	1	R	R
44.4	22mm Brass Stop Tap (Cobra or equivalent)	no	1	R	R
44.5	15mm Tank locking brass Tap (Cobra or equivalent)	no	1	R	R
44.6	20mm Tank locking brass Tap (Cobra or equivalent)	no	1	R	R
45	Supply and fit plastic taps with all necessary fittings				
45.1	15mm hosebib plastic tap (Cobra or equivalent)	no	1	R	R
45.2	22mm hosebib plastic tap (Cobra or equivalent)	no	1	R	R
45.3	15mm plastic stop tap (Cobra or equivalent)	no	1	R	R
45.4	22mm plastic stop tap (Cobra or equivalent)	no	1	R	R
45.5	15mm Tank locking plastic Tap (Cobra or equivalent)	no	1	R	R
45.6	20mm Tank locking plastic Tap (Cobra or equivalent)	no	1	R	R
46	Extra over Cobra Safe MLP (Pex Al pipe) for cobra compression type fittings (supply and install)				
	Other fittings already measured above, only allow for the following;				
46.1	15mm Cobra Safe pipe Inserts	no	1	R	R
46.2	22mm Cobra Safe pipe Inserts	no	1	R	R
46.3	28mm Cobra Safe pipe Inserts	no	1	R	R
	Add item no 43.61-46.3 & carried forward the total to the summery page			R	



Item	Description	Unit	Qty	Rate	Amount
	MLP – Preptool – Preparation tool				
47	Allow for Pipe bore preparation tool for Cobra Safe multi-layer pipes 15mm,22mm & 28mm.				
47.1	15mm x 22mm x 28mm MLP- preptool	no	1	R	R
48	Extra over class 6 & class 12 HDPE pipe for plasson or equivalent fittings (supply & install)				
48.1	16mm Elbow 90°	no	1	R	R
48.2	20mm Elbow 90°	no	1	R	R
48.3	25mm Elbow 90°	no	1	R	R
48.4	32mm Elbow 90°	no	1	R	R
48.5	40mm Elbow 90°	no	1	R	R
48.6	50mm Elbow 90°	no	1	R	R
48.7	63mm Elbow 90°	no	1	R	R
48.8	75mm Elbow 90°	no	1	R	R
48.9	90mm Elbow 90°	no	1	R	R
48.10	110mm Elbow 90°	no	1	R	R
48.11	25mm x 20mm Reducing elbow 90°	no	1	R	R
48.12	20mm x 16mm Reducing Coupler	no	1	R	R
48.13	25mm x 16mm Reducing Coupler	no	1	R	R
48.14	25mm x 20mm Reducing Coupler	no	1	R	R
48.15	32mm x 20mm Reducing Coupler	no	1	R	R
48.16	32mm x 25mm Reducing Coupler	no	1	R	R
48.17	40mm x 25mm Reducing Coupler	no	1	R	R
48.18	40mm x 32mm Reducing Coupler	no	1	R	R
48.19	50mm x 25mm Reducing Coupler	no	1	R	R
48.20	50mm x 32mm Reducing Coupler	no	1	R	R
	Add item no 47.1-48.20 & carried forward the total to the summery page			R	



Item	Description	Unit	Qty	Rate	Amount
48.21	50mm x 40mm Reducing Coupler	no	1	R	R
48.22	63mm x 25mm Reducing Coupler	no	1	R	R
48.23	63mm x 32mm Reducing Coupler	no	1	R	R
48.24	63mm x 40mm Reducing Coupler	no	1	R	R
48.25	63mm x 50mm Reducing Coupler	no	1	R	R
48.26	75mm x 50mm Reducing Coupler	no	1	R	R
48.27	75mm x 63mm Reducing Coupler	no	1	R	R
48.28	90mm x 63mm Reducing Coupler	no	1	R	R
48.29	90mm x 75mm Reducing Coupler	no	1	R	R
48.30	110mm x 90mm Reducing Coupler	no	1	R	R
48.31	16mm Tee 90°	no	1	R	R
48.32	20mm Tee 90°	no	1	R	R
48.33	25mm Tee 90°	no	1	R	R
48.34	32mm Tee 90°	no	1	R	R
48.35	40mm Tee 90°	no	1	R	R
48.36	50mm Tee 90°	no	1	R	R
48.37	63mm Tee 90°	no	1	R	R
48.38	75mm Tee 90°	no	1	R	R
48.39	90mm Tee 90°	no	1	R	R
48.40	110mm Tee 90°	no	1	R	R
48.41	20mm x 16mm x 20mm Reducing Tee 90°	no	1	R	R
48.42	25mm x 20mm x 25mm Reducing Tee 90°	no	1	R	R
48.43	32mm x 25mm x 32mm Reducing Tee 90°	no	1	R	R
48.44	40mm x 25mm x 40mm Reducing Tee 90°	no	1	R	R
48.45	40mm x 32mm x 40mm Reducing Tee 90°	no	1	R	R
Add item no 48.21-48.45 & carried forward the total to the summery page				R	



Item	Description	Unit	Qty	Rate	Amount
48.46	50mm x 25mm x 50mm Reducing Tee 90°	no	1	R	R
48.47	50mm x 32mm x 50mm Reducing Tee 90°	no	1	R	R
48.48	50mm x 40mm x 50mm Reducing Tee 90°	no	1	R	R
48.49	63mm x 32mm x 63mm Reducing Tee 90°	no	1	R	R
48.50	63mm x 40mm x 63mm Reducing Tee 90°	no	1	R	R
48.51	63mm x 50mm x 63mm Reducing Tee 90°	no	1	R	R
48.52	75mm x 63mm x 75mm Reducing Tee 90°	no	1	R	R
48.53	20mm End Plug	no	1	R	R
48.54	25mm End Plug	no	1	R	R
48.55	32mm End Plug	no	1	R	R
48.56	40mm End Plug	no	1	R	R
48.57	50mm End Plug	no	1	R	R
48.58	63mm End Plug	no	1	R	R
48.59	75mm End Plug	no	1	R	R
48.60	90mm End Plug	no	1	R	R
48.61	110mm End Plug	no	1	R	R
48.62	16mm Straight Coupler	no	1	R	R
48.63	20mm Straight Coupler	no	1	R	R
48.64	25mm Straight Coupler	no	1	R	R
48.65	32mm Straight Coupler	no	1	R	R
48.66	40mm Straight Coupler	no	1	R	R
48.67	50mm Straight Coupler	no	1	R	R
48.68	63mm Straight Coupler	no	1	R	R
48.69	75mm Straight Coupler	no	1	R	R
48.70	90mm Straight Coupler	no	1	R	R
Add item no 48.46-48.70 & carried forward the total to the summery page				R	



Item	Description	Unit	Qty	Rate	Amount
48.71	110mm Straight Coupler	no	1	R	R
48.72	20mm Repair Coupler	no	1	R	R
48.73	25mm Repair Coupler	no	1	R	R
48.74	32mm Repair Coupler	no	1	R	R
48.75	40mm Repair Coupler	no	1	R	R
48.76	50mm Repair Coupler	no	1	R	R
48.77	63mm Repair Coupler	no	1	R	R
48.78	75mm Repair Coupler	no	1	R	R
48.79	90mm Repair Coupler	no	1	R	R
48.80	110mm Repair Coupler	no	1	R	R
48.81	20mm x 1/2" Wall Plate Elbow PP	no	1	R	R
48.82	25mm x 3/4" Wall Plate Elbow PP	no	1	R	R
48.83	Stop Tap Chamber with plastic lid or cast lid	no	1	R	R
48.84	20mm Main Stop Valve	no	1	R	R
48.85	25mm Main Stop Valve	no	1	R	R
48.86	32mm Main Stop Valve	no	1	R	R
48.87	Meter Boundary Box	no	1	R	R
48.88	16mm Pipe Clip (Metrix Pushfix)	no	1	R	R
48.89	20mm Pipe Clip (Metrix Pushfix)	no	1	R	R
48.90	25mm Pipe Clip (Metrix Pushfix)	no	1	R	R
48.91	32mm Pipe Clip (Metrix Pushfix)	no	1	R	R
48.92	40mm Pipe Clip (Metrix Pushfix)	no	1	R	R
48.93	50mm Pipe Clip (Metrix Pushfix)	no	1	R	R
48.94	63mm Pipe Clip (Metrix Pushfix)	no	1	R	R
	Add item no 48.71-48.94 & carried forward the total to the summery page			R	



Item	Description	Unit	Qty	Rate	Amount
49	Extra over Speedfit water pipe for fittings, (supply & install)				
49.1	15mm Straight connector	no	1	R	R
49.2	22mm Straight connector	no	1	R	R
49.3	28mm Straight connector	no	1	R	R
49.4	28mm x 22mm Socket Reducer	no	1	R	R
49.5	28mm x 15mm Socket Reducer	no	1	R	R
49.6	22mm x 15mm Socket Reducer	no	1	R	R
49.7	15mm Adaptor	no	1	R	R
49.8	22mm Adaptor	no	1	R	R
49.9	15mm Elbow 90°	no	1	R	R
49.10	22mm Elbow 90°	no	1	R	R
49.11	28mm Elbow 90°	no	1	R	R
49.12	15mm Blanking Plug	no	1	R	R
49.13	22mm Blanking Plug	no	1	R	R
49.14	15mm Equal Tee	no	1	R	R
49.15	22mm Equal Tee	no	1	R	R
49.16	28mm Equal Tee	no	1	R	R
49.17	15mm x ½" wallplate Elbow BSP White	no	1	R	R
49.18	22mm x 22mm x 15mm Reduced Tee	no	1	R	R
49.19	22mm x 15mm x 15mm Reduced Tee	no	1	R	R
49.20	15mm x 15mm x 22mm Reduced Tee	no	1	R	R
49.21	22mm x 15mm x 22mm Reduced Tee	no	1	R	R
49.22	28mm x 28mm x 22mm Reduced Tee	no	1	R	R
49.23	28mm x 28mm x 15mm Reduced Tee	no	1	R	R
	Add item no 49.1-49.23 & carried forward the total to the summery page			R	



Item	Description	Unit	Qty	Rate	Amount
49.24	28mm x 22mm x 28mm Reduced Tee	no	1	R	R
49.25	28mm x 22mm x 22mm Reduced Tee	no	1	R	R
49.26	15mm Slip Connector	no	1	R	R
49.27	15mm x ½ Female Coupler – Tap Connector	no	1	R	R
49.28	22mm x ¾ Female Coupler – Tap Connector	no	1	R	R
49.29	15mm x ¾ Female Coupler – Tap Connector	no	1	R	R
49.30	15mm Elbow 90° Single Socket	no	1	R	R
49.31	22mm Elbow 90° Single Socket	no	1	R	R
49.32	15mm x 12" Male Coupler BSPT	no	1	R	R
49.33	22mm x ¾" Male Coupler BSPT	no	1	R	R
49.34	15mm Emergency Shut off Tap	no	1	R	R
49.35	15mm x ¾" Washing Machine Tap - White	no	1	R	R
49.36	15mm Nickel Ball Valve Long Handle	no	1	R	R
49.37	22mm Nickel Ball Valve Long Handle	no	1	R	R
49.38	15mm Stop Valve Hot /Cold water only, 65° max.	no	1	R	R
49.39	22mm Stop Valve – White	no	1	R	R
49.40	15mm Stopcock – White	no	1	R	R
49.41	22mm Stopcock – White	no	1	R	R
49.42	15mm Plastic Ball Valve with Handle	no	1	R	R
49.43	22mm Plastic Ball Valve with Handle	no	1	R	R
49.44	Flexi Hose & Valve 15mm x 300mm x 12.7mm	no	1	R	R
49.45	15mm Pipe Clip – Push type @ 450mm c/c	no	1	R	R
49.46	22mm Pipe Clip – Push Type @ 450mm c/c	no	1	R	R
49.47	28mm Pipe Clip – Push Type @ 450mm c/c	no	1	R	R
49.48	15mm Stop end	no	1	R	R
Add item no 49.24-49.48 & carried forward the total to the summery page				R	



Item	Description	Unit	Qty	Rate	Amount
49.49	22mm Stop end	no	1	R	R
49.50	28mm Stop end	no	1	R	R
49.51	15mm 'O' Ring Seal	no	1	R	R
49.52	22mm 'O' Ring Seal	no	1	R	R
49.53	28mm 'O' Ring Seal	no	1	R	R
49.54	15mm Conduit Pipe	no	1	R	R
49.55	22mm Conduit Pipe	no	1	R	R
50	Extra over galvanised mild steel water pipe for fittings, (supply & install)				
50.1	15mm Elbow 90°	no	1	R	R
50.2	20mm Elbow 90°	no	1	R	R
50.3	25mm Elbow 90°	no	1	R	R
50.4	32mm Elbow 90°	no	1	R	R
50.5	40mm Elbow 90°	no	1	R	R
50.6	50mm Elbow 90°	no	1	R	R
50.7	65mm Elbow 90°	no	1	R	R
50.8	80mm Elbow 90°	no	1	R	R
50.9	100mm Elbow 90°	no	1	R	R
50.10	15mm Equal Tee	no	1	R	R
50.11	20mm Equal Tee	no	1	R	R
50.12	25mm Equal Tee	no	1	R	R
50.13	32mm Equal Tee	no	1	R	R
50.14	40mm Equal Tee	no	1	R	R
50.15	50mm Equal Tee	no	1	R	R
50.16	65mm Equal Tee °	no	1	R	R
50.17	80mm Equal Tee	no	1	R	R
	Add item no 49.49-50.17 & carried forward the total to the summery page			R	



Item	Description	Unit	Qty	Rate	Amount
50.18	100mm Equal Tee	no	1	R	R
50.19	15mm Socket	no	1	R	R
50.20	20mm Socket	no	1	R	R
50.21	25mm Socket	no	1	R	R
50.22	32mm Socket	no	1	R	R
50.23	40mm Socket	no	1	R	R
50.24	50mm Socket	no	1	R	R
50.25	65mm Socket	no	1	R	R
50.26	80mm Socket	no	1	R	R
50.27	100mm Socket	no	1	R	R
50.28	15mm bend	no	1	R	R
50.29	32mm bend	no	1	R	R
50.30	40mm bend	no	1	R	R
50.31	50mm bend	no	1	R	R
50.32	65mm bend	no	1	R	R
50.33	80mm bend	no	1	R	R
50.34	100mm bend	no	1	R	R
50.35	20mm x 15mm Reducing Bush MXF	no	1	R	R
50.36	25mm x 15mm Reducing Bush MXF	no	1	R	R
50.37	25mm x 20mm Reducing Bush MXF	no	1	R	R
50.38	32mm x 15mm Reducing Bush MXF	no	1	R	R
50.39	32mm x 20mm Reducing Bush MXF	no	1	R	R
50.40	32mm x 25mm Reducing Bush MXF	no	1	R	R
50.41	40mm x 15mm Reducing Bush MXF	no	1	R	R
50.42	40mm x 20mm Reducing Bush MXF	no	1	R	R
Add item no 50.18-50.42 & carried forward the total to the summery page				R	



Item	Description	Unit	Qty	Rate	Amount
50.43	40mm x 25mm Reducing Bush MXF	no	1	R	R
50.44	40mm x 32mm Reducing Bush MXF	no	1	R	R
50.45	50mm x 15mm Reducing Bush MXF	no	1	R	R
50.46	50mm x 20mm Reducing Bush MXF	no	1	R	R
50.47	50mm x 25mm Reducing Bush MXF	no	1	R	R
50.48	50mm x 32mm Reducing Bush MXF	no	1	R	R
50.49	50mm x 40mm Reducing Bush MXF	no	1	R	R
50.50	65mm x 20mm Reducing Bush MXF	no	1	R	R
50.51	65mm x 25mm Reducing Bush MXF	no	1	R	R
50.52	65mm x 32mm Reducing Bush MXF	no	1	R	R
50.53	65mm x 40mm Reducing Bush MXF	no	1	R	R
50.54	65mm x 50mm Reducing Bush MXF	no	1	R	R
50.55	80mm x 15mm Reducing Bush MXF	no	1	R	R
50.56	80mm x 20mm Reducing Bush MXF	no	1	R	R
50.57	80mm x 25mm Reducing Bush MXF	no	1	R	R
50.58	80mm x 32mm Reducing Bush MXF	no	1	R	R
50.59	80mm x 40mm Reducing Bush MXF	no	1	R	R
50.60	80mm x 50mm Reducing Bush MXF	no	1	R	R
50.61	80mm x 65mm Reducing Bush MXF	no	1	R	R
50.62	100mm x 15mm Reducing Bush MXF	no	1	R	R
50.63	100mm x 20mm Reducing Bush MXF	no	1	R	R
50.64	100mm x 25mm Reducing Bush MXF	no	1	R	R
50.65	100mm x 32mm Reducing Bush MXF	no	1	R	R
50.66	100mm x 40mm Reducing Bush MXF	no	1	R	R
50.67	100mm x 50mm Reducing Bush MXF	no	1	R	R
Add item no 50.43-50.67 & carried forward the total to the summery page				R	



Item	Description	Unit	Qty	Rate	Amount
50.68	100mm x 65mm Reducing Bush MXF	no	1	R	R
50.69	100mm x 80mm Reducing Bush MXF	no	1	R	R
50.70	15mm Plug	no	1	R	R
50.71	20mm Plug	no	1	R	R
50.72	25mm Plug	no	1	R	R
50.73	32mm Plug	no	1	R	R
50.74	40mm Plug	no	1	R	R
50.75	50mm Plug	no	1	R	R
50.76	65mm Plug	no	1	R	R
50.77	80mm Plug	no	1	R	R
50.78	100mm Plug	no	1	R	R
50.79	15mm Barrel nipple	no	1	R	R
50.80	20mm Barrel nipple	no	1	R	R
50.81	25mm Barrel nipple	no	1	R	R
50.82	32mm Barrel nipple	no	1	R	R
50.83	40mm Barrel nipple	no	1	R	R
50.84	50mm Barrel nipple	no	1	R	R
50.85	65mm Barrel nipple	no	1	R	R
50.86	80mm Barrel nipple	no	1	R	R
50.87	100mm Barrel nipple	no	1	R	R
50.88	20mm x 15mm Reducing Socket	no	1	R	R
50.89	25mm x 15mm Reducing Socket	no	1	R	R
50.90	25mm x 20mm Reducing Socket	no	1	R	R
50.91	32mm x 15mm Reducing Socket	no	1	R	R
50.92	32mm x 20mm Reducing Socket	no	1	R	R
Add item no 50.68-50.92 & carried forward the total to the summery page				R	



Item	Description	Unit	Qty	Rate	Amount
50.93	32mm x 25mm Reducing Socket	no	1	R	R
50.94	40mm x 15mm Reducing Socket	no	1	R	R
50.95	40mm x 20mm Reducing Socket	no	1	R	R
50.96	40mm x 25mm Reducing Socket	no	1	R	R
50.97	40mm x 32mm Reducing Socket	no	1	R	R
50.98	50mm x 15mm Reducing Socket	no	1	R	R
50.99	50mm x 20mm Reducing Socket	no	1	R	R
50.100	50mm x 25mm Reducing Socket	no	1	R	R
50.101	50mm x 32mm Reducing Socket	no	1	R	R
50.102	50mm x 40mm Reducing Socket	no	1	R	R
50.103	65mm x 20mm Reducing Socket	no	1	R	R
50.104	65mm x 25mm Reducing Socket	no	1	R	R
50.105	65mm x 32mm Reducing Socket	no	1	R	R
50.106	65mm x 40mm Reducing Socket	no	1	R	R
50.107	65mm x 50mm Reducing Socket	no	1	R	R
50.108	80mm x 15mm Reducing Socket	no	1	R	R
50.109	80mm x 20mm Reducing Socket	no	1	R	R
50.110	80mm x 25mm Reducing Socket	no	1	R	R
50.111	80mm x 32mm Reducing Socket	no	1	R	R
50.112	80mm x 40mm Reducing Socket	no	1	R	R
50.113	80mm x 50mm Reducing Socket	no	1	R	R
50.114	80mm x 65mm Reducing Socket	no	1	R	R
50.115	100mm x 15mm Reducing Socket	no	1	R	R
50.116	100mm x 20mm Reducing Socket	no	1	R	R
50.117	100mm x 25mm Reducing Socket	no	1	R	R
Add item no 50.93-50.117 & carried forward the total to the summery page				R	



Item	Description	Unit	Qty	Rate	Amount
50.118	100mm x 32mm Reducing Socket	no	1	R	R
50.119	100mm x 40mm Reducing Socket	no	1	R	R
50.120	100mm x 50mm Reducing Socket	no	1	R	R
50.121	100mm x 65mm Reducing Socket	no	1	R	R
50.122	100mm x 80mm Reducing Socket	no	1	R	R
50.123	15mm Running nipple	no	1	R	R
50.124	20mm Running nipple	no	1	R	R
50.125	25mm Running nipple	no	1	R	R
50.126	32mm Running nipple	no	1	R	R
50.127	40mm Running nipple	no	1	R	R
50.128	50mm Running nipple	no	1	R	R
	Sewer and Drainage Pipes				
51	uPVC soil and vent system (above ground level)				
	Remove and replace damaged/leaking pipes with new SABS approved uPVC sewer pipes above the ground level fastened with clips, holderbats etc. including all necessary fittings, accessories (fittings elsewhere measured)				
51.1	110mm diameter x 3.50mm wall thickness uPVC plain ended pipe fixed to walls, ceilings, etc.	no	1	R	R
51.2	75mm diameter x 3.50mm wall thickness uPVC plain ended pipe fixed to walls, ceilings, etc.	no	1	R	R
51.3	40mm diameter x 3.50mm wall thickness uPVC plain ended pipe fixed to walls, ceilings, etc.	no	1	R	R
52	uPVC underground pipe system				
	Remove and replace damaged/leaking pipes with new SABS approved uPVC sewer pipes below ground level including all necessary fittings, accessories (fittings elsewhere measured)				
	Add item no 50.118-51.3 & carried forward the total to the summery page			R	



Item	Description	Unit	Qty	Rate	Amount
52.1	110mm dia. x 2.3mm thick uPVC underground plain ended pipes	m	1	R	R
52.2	110mm dia. x 2.3mm thick uPVC underground socketed rubbering pipes	m	1	R	R
53	Extra over uPVC underground pipes for fittings				
53.1	110mm 45° Plain Bend	no	1	R	R
53.2	110mm 87.5° Plain Bend	no	1	R	R
53.3	110mm 45° Access Bend	no	1	R	R
53.4	110mm 87.5° Access Bend	no	1	R	R
53.5	110mm 22.5° Bend	no	1	R	R
53.6	110mm 22.5° Plain Spigot/ Socket Bend	no	1	R	R
53.7	110mm Solvent Socket	no	1	R	R
53.8	110mm Single Socket	no	1	R	R
53.9	110mm Double Socket	no	1	R	R
53.10	110mm Kimberley Socket	no	1	R	R
53.11	110mm Inspection Pipe	no	1	R	R
53.12	110mm 87.5° Square Junction	no	1	R	R
53.13	160mm x 110mm 45° Reducing Junction	no	1	R	R
53.14	160mm x 110mm 45° Access Reducing Junction Right	no	1	R	R
53.15	160mm x 110mm 45° Access Reducing Junction Left	no	1	R	R
53.16	110mm 45° Access Junction Right	no	1	R	R
53.17	110mm 45° Access Junction Left	no	1	R	R
53.18	110mm 45° Plain Junction	no	1	R	R
53.19	110mm x 110mm "P" Trap	no	1	R	R
53.20	150mm x 110mm Gully Head & Grate	no	1	R	R
	Add item no 52.1-53.20 & carried forward the total to the summery page			R	



Item	Description	Unit	Qty	Rate	Amount
53.21	190mm Gulley Rounded Grate	no	1	R	R
53.22	110mm Access Stopend Solvent Weld	no	1	R	R
53.23	110mm Plain Stopend (Female)	no	1	R	R
53.24	110mm Plain Stopend (Male)	no	1	R	R
53.25	110mm 45° Rodding Eye	no	1	R	R
53.26	110mm 45° Rodding Eye Oval	no	1	R	R
53.27	100mm 90° Rodding Eye	no	1	R	R
53.28	110mm Adaptor Female PVC/CI	no	1	R	R
53.29	110mm Adaptor Female PVC/EW	no	1	R	R
53.30	110mm 45° Long Radius Bend	no	1	R	R
53.31	110mm 90° Long Radius Bend	no	1	R	R
54	Extra over uPVC Soil and Vent Pipes for fittings (above ground level)				
54.1	75mm Kimberly Socket	no	1	R	R
54.2	110mm Kimberly Socket	no	1	R	R
54.3	75mm Single Socket	no	1	R	R
54.4	110mm Single Socket	no	1	R	R
54.5	110mm Double Socket	no	1	R	R
54.6	110mm Solvent Socket	no	1	R	R
54.7	75mm 87.5° Plain Bend	no	1	R	R
54.8	110mm 87.5° Plain Bend	no	1	R	R
54.9	75mm 87.5° Access Heel Bend	no	1	R	R
54.10	110mm 87.5° Access Heel Bend	no	1	R	R
54.11	75mm 135° Plain Bend	no	1	R	R
54.12	110mm 135° Plain Bend	no	1	R	R
54.13	75mm 135° Access Heel Bend	no	1	R	R
	Add item no 53.21-54.13 & carried forward the total to the summery page			R	



Item	Description	Unit	Qty	Rate	Amount
54.14	110mm 135° Access Heel Bend	no	1	R	R
54.15	110mm 135° Plain Bend Double Socket	no	1	R	R
54.16	110mm 87.5° Vent Horn Access Heel Bend	no	1	R	R
54.17	75mm Inspection Pipe	no	1	R	R
54.18	110mm Inspection	no	1	R	R
54.19	75mm 87.5° Plain Single Junction	no	1	R	R
54.20	110mm 87.5° Plain Single Junction	no	1	R	R
54.21	75mm 87.5° Single Access Heel Junction	no	1	R	R
54.22	110mm 87.5° Single Access Heel Junction	no	1	R	R
54.23	75mm 135° Single Plain Junction	no	1	R	R
54.24	110mm 135° Single Plain Junction	no	1	R	R
54.25	75mm 135° Single Access Heel Junction	no	1	R	R
54.26	110mm 135° Single Access Heel Junction	no	1	R	R
54.27	75mm x 50mm 87.5° Plain Single Reducing Junction	no	1	R	R
54.28	110mm x 50mm 87.5° Plain Single Reducing Junction	no	1	R	R
54.29	75 x 50mm 87.5° Single Access Heel Reducing Junction	no	1	R	R
54.30	110 x 50 87.5° Single Access Heel Reducing Junction	no	1	R	R
54.31	110 x 50mm 87.5° Plain Double Reducing Junction	no	1	R	R
54.32	110 x 110mm 87.5° Plain Double Junction	no	1	R	R
54.33	110 x 110mm 87.5° Double Access Heel Junction	no	1	R	R
54.34	110mm x 50mm Strap on Boss	no	1	R	R
54.35	75mm Airvent Cowls	no	1	R	R
54.36	110mm Airvent Cowls	no	1	R	R
54.37	110mm Straight Pan Collar – Solvent Weld	no	1	R	R
54.38	110mm Pan Collar – WC Offset	no	1	R	R
Add item no 50.14-54.38 & carried forward the total to the summery page				R	



Item	Description	Unit	Qty	Rate	Amount
54.39	110mm Pan Collar – Straight Rubber Ring	no	1	R	R
54.40	110mm 87.5° Pan Collar Plain Bend	no	1	R	R
54.41	75mm x 50mm Eccentric Reducer	no	1	R	R
54.42	110mm x 50mm Eccentric Reducer	no	1	R	R
54.43	110mm x 75mm Eccentric Reducer	no	1	R	R
54.44	75mm Stopends Plain (Male)	no	1	R	R
54.45	110mm Stopends Plain (Male)	no	1	R	R
54.46	110mm Stopend Access	no	1	R	R
54.47	110mm Two Way Vent Valve	no	1	R	R
54.48	110mm Multikwik Pan Connector	no	1	R	R
55	Waste Pipes				
	Remove and replace damaged/leaking pipes with new SABS approved uPVC waste pipes above the ground level fastened with clips, holderbats etc. These includes all pipes from the bath, shower, WHB, geyser drip tray and toilet cistern overflowing pipes, etc. All necessary fittings, accessories must be allowed (fittings elsewhere measured)				
55.1	40mmØ x 2.40mm wall thickness uPVC waste pipes	m	1	R	R
55.2	50mmØ x 2.40mm wall thickness uPVC waste pipes	m	1	R	R
55.3	40mmØ x 3.35mm wall thickness uPVC waste pipes	m	1	R	R
55.4	50mmØ x 3.35mm wall thickness uPVC waste pipes	m	1	R	R
56	Extra over uPVC Waste Pipes for fittings (above ground level)				
56.1	40mm 87.5° E-Spec Plain Bend Solvent Weld	no	1	R	R
56.2	50mm 87.5° E-Spec Plain Bend Solvent Weld	no	1	R	R
56.3	40mm 87.5° E-Spec Access Heel Bend Solvent Weld	no	1	R	R
56.4	50mm 87.5° E-Spec Access Heel Bend Solvent Weld	no	1	R	R
	Add item no 54.39-56.4 & carried forward the total to the summery page			R	



Item	Description	Unit	Qty	Rate	Amount
56.5	40mm 135° E-Spec Plain Bend Solvent Weld	no	1	R	R
56.6	50mm 135° E-Spec Plain Bend Solvent Weld	no	1	R	R
56.7	40mm 135° E-Spec Access Heel Bend Solvent Weld	no	1	R	R
56.8	50mm 135° E-Spec Access Heel Bend Solvent Weld	no	1	R	R
56.9	40mm 87.5° E-Spec Plain Single Junction Solvent Weld	no	1	R	R
56.10	50mm 87.5° E-Spec Plain Single Junction Solvent Weld	no	1	R	R
56.11	40mm 135° E-Spec Access Heel Single Junction Solvent Weld	no	1	R	R
56.12	50mm 135° E-Spec Access Heel Single Junction Solvent Weld	no	1	R	R
56.13	40mm 135° E-Spec Plain Single Junction Solvent Weld	no	1	R	R
56.14	50mm 135° E-Spec Plain Single Junction Solvent Weld	no	1	R	R
56.15	40mm Socket (Solvent)	no	1	R	R
56.16	50mm Socket (Solvent)	no	1	R	R
56.17	50mm x 40mm Socket Reducer	no	1	R	R
56.18	50mm Airvent Cowl	no	1	R	R
56.19	40mm Stopend – BSP	no	1	R	R
56.20	50mm Stopend – BSP	no	1	R	R
56.21	40mm Female Stopend Solvent Weld	no	1	R	R
56.22	50mm Female Stopend Solvent Weld	no	1	R	R
56.23	50mm One Way PVC Vent Valve	no	1	R	R
56.24	40mm uPVC Pipe Clip	no	1	R	R
56.25	50mm uPVC Pipe Clip	no	1	R	R
56.26	40mm Holderbat PVC White Clip	no	1	R	R
56.27	50mm Holderbat PVC White Clip	no	1	R	R
56.28	Uses Hilti Nail or equivalent for holderbats nails	pack	1	R	R
Add item no 56.5-56.28 & carried forward the total to the summery page				R	



Item	Description	Unit	Qty	Rate	Amount
	Provide and Install new surface boxes, manhole covers, rodding eye, frames, etc.				
57	Surface boxes				
	Supply and fit PVC/Plastic Lockable Rectangular Meter/Valve Box, maximum size 450mm x 300mm x 200mm.				
57.1	Supply and fit surface box (rectangular meter valve box)	no	1	R	R
58	Cast iron manhole covers, waste rodding eye and frames				
	Supply and fit heavy duty cast iron manhole covers, waste rodding eye and frames, especial for vehicular and pedestrian areas. Material used must conform to S.A.B.S standard/specification.				
58.1	110mm diameter heavy duty cast iron waste rodding eye	no	1	R	R
58.2	265 x 265mm cover and frame	no	1	R	R
58.3	380mm x 380mm cover and frame	no	1	R	R
58.4	450mm x 450mm cover and frame	no	1	R	R
58.5	450mm x 600mm cover and frame	no	1	R	R
58.6	530mm x 530mm cover and frame	no	1	R	R
58.7	600 x 600mm cover and frame	no	1	R	R
58.8	760mm x 760mm cover and frame	no	1	R	R
58.9	600mm diameter cover and frame	no	1	R	R
58.10	600mm x 600mm single frame only	no	1	R	R
58.11	600mm x 600mm single seal cover only	no	1	R	R
58.12	450mm x 600mm single seal cover only	no	1	R	R
58.13	450mm x 600mm single frame only	no	1	R	R
58.14	450mm x 450mm single seal cover	no	1	R	R
58.15	450mm x 450mm single frame only	no	1	R	R
	Add item no 57.1-58.15 & carried forward the total to the summery page			R	



Item	Description	Unit	Qty	Rate	Amount
59	Construct new Sewer Manhole				
	Construct and make new manhole, size 600 mm x 450 mm x 700 mm deep internally formed with one brick thick wall of extra hard burnt stock bricks in 3:1 cement mortar laid on 150mm thick concrete slab (20MPa) bottom. Render brick wall with 3:1 cement plaster and bench up bottom with fine concrete (20MPa) finished smooth in 1:1 cement plaster. Fit on top with type 9c cast iron single seal manhole cover, size 600 x 450 mm and mass approximately 39 kg, complying with the requirements of SABS Specification and coated with approved preservative solution before leaving the Manufacturer's works with frame cover bedded in 150 mm thick concrete slab (20MPa), finished with 2:1 cement mortar, troweled smooth and rounded on salient angles				
59.1	Construction of sewer manhole	no	1	R	R
60	Testing water leaks				
	Fill entire water reticulation system with water, ensure air is evacuated, then pressurise water in system to one-and-a-half times the expected design working pressure by means of a pump and maintain pressure for four hours. Inspect system for leakages and repair, then inspect again after connecting to mains.				
60.1	Testing of water leaks	no	1	R	R
	SERVICING, CLEANING AND REPAIR OF BLOCKAGE				
61	Servicing, cleaning and repair of domestic water and drainage pipe installation.				
61.1	Unblock and clean pipework including fittings, 40mm diameter pipe	m	1	R	R
61.2	Unblock and clean pipework including fittings, 50mm diameter pipe	m	1	R	R
61.3	Unblock and clean pipework including fittings, 75mm diameter pipe	m	1	R	R
	Add item no 59.1-61.3 & carried forward the total to the summery page			R	



Item	Description	Unit	Qty	Rate	Amount
61.4	Unblock and clean pipework including fittings, 100mm diameter pipe	m	1	R	R
61.5	Unblock and clean pipework including fittings, 110mm diameter pipe	m	1	R	R
61.6	Unblock and clean pipework including fittings, 160mm diameter pipe	m	1	R	R
61.7	Unblock and clean pipework including fittings, 200mm diameter pipe	m	1	R	R
61.8	Unblock and clean P-traps	no	1	R	R
61.9	Unblock and clean gulley	no	1	R	R
61.10	Repair damaged gulley	no	1	R	R
61.11	Replace damaged gulley with pre-cast concrete gully.	no	1	R	R
61.12	Replace missing or broken cleaning eye marked cover	no	1	R	R
61.13	Replace missing or broken inspection eye cover.	no	1	R	R
62	Unblocking of storm water pipes				
62.1	Unblock and clean storm water pipe, 150mm diameter	m	1	R	R
62.2	Unblock and clean storm water pipe, 300mm diameter	m	1	R	R
63	Unblocking of sewer pipes (using rods)				
63.1	Unblock and clean sewer line using rods for a distance not exceeding 25m between inspection chambers/rodding eyes/manholes	no	1	R	R
63.2	Unblock and clean sewer line using rods for a distance exceeding 25m and not exceeding 50m between inspection chambers/rodding eyes/manholes	no	1	R	R
63.3	Unblock and clean sewer line using rods for a distance exceeding 50m and not exceeding 100m between inspection chambers/rodding eyes/manholes	no	1	R	R
63.4	Unblock and clean sewer line using rods for a distance exceeding 100m and not exceeding 150m between inspection chambers/rodding eyes/manholes	no	1	R	R
Add item no 61.4-63.4 & carried forward the total to the summery page				R	



Item	Description	Unit	Qty	Rate	Amount
63.5	Unblock and clean sewer line using rods for a distance exceeding 150m and not exceeding 200m between inspection chambers/rodding eyes/manholes	no	1	R	R
64	Unblocking of sewer pipes (using high pressure cleaning system)				
64.1	Unblock and clean sewer line using high pressure cleaning system for a distance not exceeding 50m between inspection chambers/rodding eyes/manholes	no	1	R	R
64.2	Unblock and clean sewer line using high pressure cleaning system for a distance exceeding 50m and not exceeding 100m between inspection chambers/rodding eyes/manholes	no	1	R	R
64.3	Unblock and clean sewer line using high pressure cleaning system for a distance exceeding 100m and not exceeding 150m between inspection chambers/rodding eyes/manholes	no	1	R	R
64.4	Unblock and clean sewer line using high pressure cleaning system for a distance exceeding 150m and not exceeding 200m between inspection chambers/rodding eyes/manholes	no	1	R	R
64.5	Unblock and clean sewer line using high pressure cleaning system for a distance exceeding 200m and not exceeding 250m between inspection chambers/rodding eyes/manholes	no	1	R	R
64.6	Unblock and clean sewer line using high pressure cleaning system for a distance exceeding 250m and not exceeding 300m between inspection chambers/rodding eyes/manholes	no	1	R	R
64.7	Clear out blockage in sewer stack – on two story/high rise buildings/houses	no	1	R	R
64.8	Video surveying of underground drainage pipe work	no	1	R	R
64.9	Clear out blockages in blocked storm water manholes and catch pits	no	1	R	R
65	Unblocking sanitary ware				
65.1	Clear out blockages in blocked toilet pans	no	1	R	R
	Add item no 63.5-65.1 & carried forward the total to the summery page			R	



Item	Description	Unit	Qty	Rate	Amount
65.2	Clear out blockages in blocked wash hand basins, showers, men's urinals and kitchen sinks	no	1	R	R
65.3	Remove and replace leaking pan connector with new flexible pan connector. On completion the pan connector must be watertight	no	1	R	R
65.4	Apply toilet wax Pan Sealer Ring to leaking toilet pan connector	no	1	R	R
65.5	Apply to leaking toilet pan connector Sikaflex – 11FC Polyurethane Sealant Grey/White	no	1	R	R
	SANITARY FITTINGS, TAPS, TRAPS, ETC				
66	Sanitary Fittings				
	Remove and replace damaged/broken wash hand basins with new white glazed vitreous china basin including all necessary brackets, waste fittings, chain, basin plug and connectors				
66.1	New white vitreous china wall mounted basin including disconnecting and reconnecting and making good to all trades	no	1	R	R
66.2	Set of steel basin brackets	no	1	R	R
	New white vitreous china wall hung basin & 805mm x 475mm x 605mm pedestal set including disconnecting and reconnecting and making good to all trades	no	1	R	R
67	Remove and replace damaged/broken cisterns with new white glazed vitreous china cisterns for WC and complete with all accessories, couplings, etc. and leave in perfect working condition				
67.1	Low level white vitreous china cistern	no	1	R	R
67.2	Close coupled white vitreous china cistern	no	1	R	R
68	Remove and replace damaged/broken WC pans including disconnecting water supply pipe, pan connector, pan collar and flush pipe connector, and connect new WC pan complete with all accessories, couplings, etc. & leave in perfect working condition				
	Add item no 65.2-67.2 & carried forward the total to the summery page			R	



Item	Description	Unit	Qty	Rate	Amount
68.1	White vitreous china low level WC pan	no	1	R	R
68.2	White vitreous china close coupled WC pan	no	1	R	R
68.3	White vitreous china back to wall WC pan	no	1	R	R
68.4	White vitreous china wall hung WC pan	no	1	R	R
68.5	Stainless steel brackets for WC pan	no	1	R	R
69	Remove and replace toilet seats with new S.A.B.C approved to match existing				
69.1	Replace single flap plastic WC toilet seat with new	no	1	R	R
69.2	Replace double flap plastic WC toilet seat with new	no	1	R	R
69.3	Replace double flap timber WC toilet seat with new	no	1	R	R
69.4	Replace WC toilet seat cover with new heavy duty	no	1	R	R
70	Repair loose/wobbly WC pan				
	Tighten loose/wobbly WC pan by drilling holes to the wooden floor. Bolts and plugs are then inserted to the pan fixation holes on the flat base of the pan. The bolts are tightened straight into the anchors from the top.				
70.1	Repair loose toilet pan	no	1	R	R
71	Replace internal cistern flushing mechanism				
	Carefully remove faulty internal flushing mechanism and cart away from site. Supply and fit new internal flushing mechanism (such as ball valves, syphons, flush handles, etc.) Leave the toilet in a good working condition.				
71.1	Remove and replace internal cistern flushing mechanism	no	1	R	R
71.2	Remove and replace only ball valve of cistern	no	1	R	R
71.3	Remove and replace only flush handle cistern	no	1	R	R
71.4	Remove and replace only flush handle of disabled toilet	no	1	R	R
71.5	Remove and replace worn-out ball valve/flushvalve seal	no	1	R	R
	Add item no 68.1-71.5 & carried forward the total to the summary page			R	



Item	Description	Unit	Qty	Rate	Amount
72	Replace all cisterns flush pipe (low and close coupled cistern)				
	Supply and fit new 50mm diameter flush pipe. On completion leave the toilet flush pipe tight against the cistern outlet and WC pan inlet, and must be watertight without leaks.				
72.1	Supply and fit 50mm flush pipe of low level cistern	No	1	R	R
72.2	Supply and fit 50mm flush pipe of close coupled cistern	No	1	R	R
72.3	Replace rubber cone or bung to cistern flushpipe	No	1	R	R
72.4	Replace rubber cone or bung to cistern flushpipe	No	1	R	R
73	Re-fix all cisterns flush pipe (low and close coupled cistern)				
	Repair leaking 50mm flush pipe. On completion leave the toilet flush pipe tight against both the cistern outlet and WC pan inlet, and must be watertight without leaks.				
73.1	Re-fix flush pipe of low level cistern	No	1	R	R
73.2	Re-fix flush pipe of close coupled cistern	No	1	R	R
74	Remove and replace damaged/leaking bath with new Built-in or Drop-in acrylic bath including replacing waste fittings, traps, connectors etc. and make good in all trades				
74.1	1700mm x 700mm Bath	no	1	R	R
74.2	1800mm x 800mm Bath	no	1	R	R
74.3	1674mm x 796mm Bath	no	1	R	R
74.4	1600mm x 750mm Bath	no	1	R	R
75	Remove and replace damaged/leaking kitchen cupboard sink with new built-in or drop-in stainless steel sink including disconnecting and re-connecting water supply, waste pipes & fittings, etc.				
75.1	1.24m x 620mm built-in stainless steel sink	no	1	R	R
75.2	1.20m x 500mm drop-in stainless steel sink	no	1	R	R
75.3	1.20m x 480mm drop-in stainless steel sink	no	1	R	R
	Add item no 72.1-75.3 & carried forward the total to the summery page			R	



Item	Description	Unit	Qty	Rate	Amount
75.4	1.16mm x 460mm drop-in stainless steel ink	no	1	R	R
76	Supply and fit 15mm water supply flexi hose pipe with/without isolating valves underneath kitchen sink, hand wash basin, toilet cistern etc.				
76.1	15mm flexi hose pipe without isolating valve	no	1	R	R
76.2	15mm flexi hose pipe with brass isolating valves	no	1	R	R
	Tap, Stop cock, Shower , Wash Hand Basin (WHB) & Kitchen Sink Fittings, etc.				
77	Replace taps, stopcock, shower & kitchen sink fittings				
77.1	Basin waste plugs and chains to wash hand basins	no	1	R	R
77.2	Waste plugs and chains to baths	no	1	R	R
77.3	Waste plugs and chains to kitchen built-in cupboard sink	no	1	R	R
77.4	15mm water supply tube to shower head of bath mixer	no	1	R	R
77.5	15mm Chromium plated shower arm	no	1	R	R
77.6	Chromium plated shower rose	no	1	R	R
77.7	15mm Chromium plated angle flow regulating valve (cobra or equivalent)	no	1	R	R
77.8	15mm chromium plated shower mixer tap (Cobra or equivalent)	no	1	R	R
77.9	Supply and fit 1000mm shower bar & rail	no	1	R	R
77.10	20mm Chromium plate stop cock	no	1	R	R
77.11	15mm Chromium plate under tile stop cock	no	1	R	R
77.12	20mm Chromium plate under tile stop cock	no	1	R	R
77.13	32mm x 40mm White Plain Bath Trap Adaptor & Overflow	no	1	R	R
77.14	38mm x 50mm White Plain Bath Trap Adaptor & Overflow	no	1	R	R
	Add item no 75.4-77.14 & carried forward the total to the summery page			R	



Item	Description	Unit	Qty	Rate	Amount
77.15	38mm x 50mm x 300mm White Double Sink Combo "T" Piece & Elbow	no	1	R	R
77.16	38mm x 50mm x 600mm White Double Sink Combo "T" Piece & Elbow	no	1	R	R
77.17	White Mini 'P' Trap and Standard Connector	no	1	R	R
77.18	50mm x 50mm x 50mm White Double Sink 'T' Piece & Elbow	no	1	R	R
77.19	50mm x 50mm White Double Sink 'T' Piece & Elbow	no	1	R	R
77.20	32mm x 40mm White 'P' Trap (with Re-Seal)	no	1	R	R
77.21	38mm x 50mm White 'P' Trap (with Re-Seal)	no	1	R	R
77.22	32mm x 50mm White 'P' Trap (with Re-Seal)	no	1	R	R
77.23	32mm x 40mm White 'S' Trap	no	1	R	R
77.24	38mm x 50mm White 'S' Trap	no	1	R	R
77.25	32mm x 50mm White 'S' Trap	no	1	R	R
77.26	40mm rubber P-trap	no	1	R	R
77.27	50mm rubber P-trap	no	1	R	R
	Shower Traps				
78	Remove and replace shower Traps with new to match the existing. It must be installed as per manufacturer's specification, and allow all the necessary fittings.				
78.1	Supply & fit Universal Shower Traps - Square Grid (cobra/equivalent)	no	1	R	R
78.2	Supply & fit Standard Shower Traps (cobra/equivalent)	no	1	R	R
78.3	Supply and fit chromium plated grating to shower trap	no	1	R	R
78.4	Supply and fit PVC grating to shower trap	no	1	R	R
79	Replace waste fittings to bath, sink and basin				
	Add item no 77.15-78.4 & carried forward the total to the summery page			R	



Item	Description	Unit	Qty	Rate	Amount
79.1	Chromium plated basin waste slotted, with flanged backnut, washer, plug, 77mm long shank & BSP male connection end. (Cobra or equivalent)	no	1	R	R
79.2	Chromium plated basin waste unslotted, with flanged backnut, washer, plug, 77mm long shank & BSP male connection end. (Cobra or equivalent)	no	1	R	R
79.3	Chromium plated basin waste slotted with chain & plug, including flanged backnut, washer, plug with stirrup, chain & stay. 80mm long shank & BSP male connection end. (Cobra or equivalent)	no	1	R	R
79.4	Chromium plated bath/sink waste unslotted, with flanged backnut, washer, plug with stirrup, 45mm long shank & BSP male connection end. (Cobra or equivalent)	no	1	R	R
79.5	Chromium plated bath/sink waste unslotted with chain & plug, including flanged backnut, washer, plug with stirrup, chain & stay. 45mm long shank & BSP male connection end. (Cobra or equivalent)	no	1	R	R
79.6	Chromium plated sink waste unslotted with flanged backnut, washer, plug with stirrup, 93mm long shank & BSP male connection end. (Cobra or equivalent)	no	1	R	R
79.7	Chromium plated sink waste slotted with flanged backnut, washer, plug with stirrup, 80mm long shank & BSP male connection end. (Cobra or equivalent)	no	1	R	R
79.8	Chromium plated basin anti-theft plug for 32mm with 72mm spindle	no	1	R	R
79.9	Chromium plated basin anti-theft plug for 40mm with 72mm spindle	no	1	R	R
80	Replace Taps			R	R
80.1	15mm Chromium plated demand bib tap (cobra or equivalent)	no	1	R	R
80.2	15mm Brass bib tap (cobra or equivalent)	no	1	R	R
80.3	20mm Brass bib tap (cobra or equivalent)	no	1	R	R
	Add item no 79.1-80.3 & carried forward the total to the summery page			R	



Item	Description	Unit	Qty	Rate	Amount
80.4	15mm chromium plated demand wash hand basin pillar tap (cobra or equivalent)	no	1	R	R
80.5	20mm chromium plated demand wash hand basin pillar tap (cobra/equivalent)	no	1	R	R
80.6	15mm Chromium plated wash hand basin pillar tap with star-type handle (cobra/equivalent)	no	1	R	R
80.7	20mm Chromium plated basin/bath pillar tap with star-type handle (cobra/equivalent)	no	1	R	R
80.8	15mm Chromium plated bath mixer wall type tap including shower hose and hand shower attachment (Cobra/equivalent)	no	1	R	R
80.9	15mm Chromium plated bath mixer wall type tap (Cobra/equivalent)	no	1	R	R
80.10	15mm Chromium plated single tap hole sink mixer with fixed outlet and star-type handles	no	1	R	R
80.11	15mm Chromium plated single tap hole sink mixer with swivel outlet and star-type handles	no	1	R	R
80.12	15mm Chromium plated wall type sink mixer with concealed connections, (fixed, swivel and swan neck outlet and star-type handles	no	1	R	R
81	Replace gate valves				
81.1	15mm Brass gate valve	no	1	R	R
81.2	20mm Brass gate valve	no	1	R	R
81.3	22mm Brass gate valve	no	1	R	R
81.4	25mm Brass gate valve	no	1	R	R
81.5	32mm Brass gate valve	no	1	R	R
81.6	40mm Brass gate valve	no	1	R	R
82	Re-fixing of taps, etc.				
82.1	Re-fix loose/tight/leaking pillar taps, including reseating & replacing defective parts.	no	1	R	R
	Add item no 80.4-82.1 & carried forward the total to the summery page			R	



Item	Description	Unit	Qty	Rate	Amount
82.2	Re-fix loose/tight/leaking bib taps, including reseating & replacing defective parts.	no	1	R	R
82.3	Re-fix loose/tight/leaking bath mixer taps, including reseating & replacing defective parts.	no	1	R	R
82.4	Re-fix loose/tight/leaking kitchen sink mixer taps, including reseating & replacing defective parts.	no	1	R	R
82.5	Re-fix loose/tight/leaking shower taps, including reseating & replacing defective parts.	no	1	R	R
82.6	Re-fix loose/tight/leaking outside tap, including reseating & replacing defective parts.	no	1	R	R
82.7	Re-fix loose/tight/leaking stop cock, including reseating & replacing defective parts.	no	1	R	R
82.8	Re-fix loose/tight/leaking stop tap, including reseating & replacing defective parts.	no	1	R	R
82.9	Re-fix loose/tight/leaking 15mm flexi pipe valves, including replacing defective parts.	no	1	R	R
83	GEYSERS ETC				
	Replace geyser, etc.				
	Carefully take off and temporally disconnect, block off electricity and water supply pipes and remove defective geyser with drip tray and fittings from the ceiling or wall to an approved dumping zone located by contractor. Supply and fit a new polyethylene geyser drip tray which complies to SANS 11848 drip tray specifications complete with a 1 year guarantee from date of installation. The drip tray must be sloped to the outlet end and rigidly maintained in that position. Polyethylene drip tray to be completed with 40mm PVC outlet pipe, taken to outside through eaves, supported by three 75mm x 50mm S.S Pine bearers securely nailed to roof. Supply and fit new geyser in a horizontal position in compliance with SANS 10254 complete with a 5 year guarantee from date of installation.				
	Add item no 82.2-82.9 & carried forward the total to the summery page			R	



Item	Description	Unit	Qty	Rate	Amount
	The new geyser must include temperature and Pressure Valve (Safety Valve), Drain Cock, Pressure Control Valve, and Vacuum Breakers. (Geyser to be strictly installed as per attached drawing/photo no.1). Install the new unit strictly to manufacturer's instructions and coupled to existing water supply complete with new stainless steel ball cock and the hot water feed from geyser in 22 mm class 2 copper pipes. Geyser to be equal or equivalent to Kwikot. Note: Product warranty: The newly installed geyser is to carry at least the following warranty: Five year on the element, thermostat, isolator switch, flange assembly plate and gasket Work to be completed by a competent person. All electrical & plumbing work (for the installation of geyser) must conform to SANS 10142 & 10252 respectively and a certificate of conformance (COC) must be issued for the installation.				
83.1	Remove faulty geyser, drip tray, & together with its fittings, and cart away from site	no	1	R	R
83.2	Replace faulty/leaking drip tray with new polyethylene drip tray including all necessary fittings	no	1	R	R
83.3	Replace faulty/leaking geyser with new 50 litre high pressure kwikot geyser or equivalent	no	1	R	R
83.4	Replace faulty/leaking geyser with new 100 litre high pressure kwikot geyser or equivalent	no	1	R	R
83.5	Replace faulty/leaking geyser with new 150 litre high pressure kwikot geyser or equivalent	no	1	R	R
83.6	Replace faulty/leaking geyser with new 200 litre high pressure kwikot geyser or equivalent	no	1	R	R
83.7	Disconnect and drain existing geyser	no	1	R	R
83.8	Allowance to connect new copper piping into existing geyser (sizes 15mm, 22mm, 28mm)	m	1	R	R
83.9	In case where copper pipes are being stolen, use galv. mild steel pipes. (sizes 15mm, 20mm, 25mm)	m	1	R	R
83.10	Replace geyser high pressure control valve	no	1	R	R
	Add item no 83.1-83.10 & carried forward the total to the summery page			R	



Item	Description	Unit	Qty	Rate	Amount
83.11	Replace temperature and pressure relief valve	no	1	R	R
83.12	Replace thermostat to domestic geyser with new	no	1	R	R
83.13	Replace 1,5 kW geyser element with new	no	1	R	R
83.14	Replace 2 kW geyser element with new	no	1	R	R
83.15	Replace 3 kW geyser element with new	no	1	R	R
83.16	Replace 4 kW geyser element with new	no	1	R	R
84	Replace Under counter faulty geyser with new				
	Carefully take off and temporally disconnect, block off electricity and water supply pipes and remove defective under counter geyser with all the fittings to an approved dumping zone located by contractor. Supply and fit new Kwikot Prsma or equivalent, under counter geyser and must be installed as per manufacturer's instructions. Operating pressure for the new unit is 0 kPa, supplied with electrical cord with 230V 15 Amp plug, mounting brackets, safety valve, wall plugs and screws. Minimum weight of the geyser ranges around 8.1 kg, 1500 KW, dimensions 340mm x 291mm 347mm. sizes of the geyser ranges between 10 L, 15 L and 30 L for over and under basins.				
84.1	For 10L under counter geyser, 1,8kg	no	1	R	R
84.2	For 15L under counter geyser , 9.3 kg	no	1	R	R
84.3	For 30L under counter geyser, 14 kg	no	1	R	R
85	SUBMIT CERTIFICATE OF CONFORMANCE (COC)				
	All electrical & plumbing work (for the installation of geyser) must conform to SANS 10142 & 10252 respectively and a certificate of conformance (COC) must be issued for the installation. All work is to be undertaken and endorsed by a qualified/ registered Plumber artisan, and submit COC for all plumbing work (i.e. for all water reticulation)				
85.1	Submit certificate of conformance for the installation geyser & all plumbing work, i.e. water reticulation (COC)	no	1	R	R
	Add item no 83.11-85.1 & carried forward the total to the summery page			R	



Item	Description	Unit	Qty	Rate	Amount
	PAINTWORK				
86	On Plaster (Interior & exterior walls)				
	Interior walls Lightly sand down the newly plastered wall surface and close cracks, brush off to remove all the dust. Apply one undercoat to the plastered surface and allow it to dry before applying final coats. Then apply 2 finishing coats of an approved same type of acrylic and colour paint that is on the existing walls. Allow for each coat of paint to dry properly before applying the next coat of paint. Exterior walls Prepare for and repair all cracks as described above. Apply one undercoat and two final coats of an approved exterior paint to walls. Allow each coat to dry before applying the next coat. All as per manufacturer's instructions.				
86.1	Paint on plastered interior walls	m ²	1	R	R
86.2	Paint on plastered exterior walls	m ²	1	R	R
87	On rhino board ceilings, etc.				
	Re-nail all loose ceiling boards or cover strips and lightly sand down to remove all the loose paint and wipe with a wet cloth to remove the dust. Apply 1 coat of undercoat or primer, and apply two final coats of an approved washable P.V.A. paint and allow for each coat of paint to dry properly before applying the next coat.				
87.1	Paint on rhino board ceilings and other types of ceilings	m ²	1	R	R
88	PREPARE AND SUBMIT COMPREHENSIVE HEALTH AND SAFETY				
	The contractor is to comply with the requirements set out in the construction regulations, 2003 issued under the Occupational Health and Safety Act, 1993 (Act no.85 of 1993) and any amendments thereto. Prepare and get approval of comprehensive health and safety and conform to all the requirements of the health and safety plan and specification (see attached OHS spec.)				
	Add item no 86.1-87.1 & carried forward the total to the summery page			R	



Item	Description	Unit	Qty	Rate	Amount
88.1	Prepare and submit comprehensive OHS	Item	1	R	R
89	LABOUR COST				
	Please note that the labour cost quoted must include profit/mark-up. Hours are estimated only and merely to establish a tender price.				
89.1	Artisan labour rate per hour	Hrs	1	R	R
89.2	Ditto but after hours labour rate per hour. (After hours includes, after 5pm - 8am, weekends and public holidays)	Hrs	1	R	R
89.3	General assistant labour rate per hour.	Hrs	1	R	R
89.4	Ditto but after hours labour rate per hour (After hours includes, after 5pm - 8am, weekends and public holidays)	Hrs	1	R	R
90	MATERIAL COSTS				
	Note: Original invoices for material used must be submitted with the application for payment, i.e. costs must be proven The percentage mark-up quoted below is to apply to all material cost irrespective of value. No extra claims for waste will be entertained				
90.1	Budgetary allowance for material (One Million Seven Hundred and Ninety Seven Thousand Rands)	Item	1	1,797,000.00	1,797,000.00
91	TRASPORT COST				
	Note: Transport cost are for a vehicle with a load of (1) ton, inclusive of traveling time for a Technician/Artisan and (2) General assistant for the servicing and repairs to plumbing work and make good all trades thereof. The contractor will only reimbursed for a maximum of two trips per incident. Distance claimed will be from provincial Department of				
	Add item no 88.1-90.1 & carried forward the total to the summery page			R	



Item	Description	Unit	Qty	Rate	Amount
	Public Works & Infrastructure, 55 Albany road Gqeberha to the various sites or from Contractor's workshop where they are located in Sarah Baartman region or Nelson Mandela Metro. (Fill in address) to the site in question.				
91.1	Transport and travelling costs (this rate excl time)	km	1	R	R
92	ALLOW FOR SCAFFOLDING				
92.1	The Contractor is advised to allow for a scaffolding to be used when working on heights. It is estimated that the scaffolding might be needed to climb to heights that are 4.5m from the ground, since some of the houses are two story-buildings	Item	1	R	R
93	COMPLETION				
93.1	Make good all trades and areas. Remove all rubble and redundant equipment resulted from the removal and replacing of defective items with new, and leave the site in a neat and tidy condition.	Item	1	R	R
	Add item no 91.1-93.1 & carried forward the total to the summery page			R	



16. SUMMARY PAGE

	DESCRIPTION	AMOUNT
16.1	(1.1-5.2) schedule of prices Page 16	R
16.2	(6.1-9.1) schedule of prices Page 17	R
16.3	(9.2-11.3) schedule of prices Page 18	R
16.4	(11.4-5.1) schedule of prices Page 19	R
16.5	(15.1-19.1) schedule of prices Page 20	R
16.6	(20.1-22.5) schedule of prices Page 21	R
16.7	(23.1-24.1) schedule of prices Page 22	R
16.8	(25.1-25.5) schedule of prices Page 23	R
16.9	(26.1-27.6) schedule of prices Page 24	R
16.10	(28.1-29.3) schedule of prices Page 25	R
16.11	(30.1-31.2) schedule of prices Page 26	R
16.12	(32.1-33.5) schedule of prices Page 27	R
16.13	(34.1-36.2) schedule of prices Page 28	R
16.14	(37.3-39.5) schedule of prices Page 29	R
16.15	(39.1-41.2) schedule of prices Page 30	R
16.16	(41.3-43.10) schedule of prices Page 31	R
16.17	(43.11-43.35) schedule of prices Page 32	R
16.18	(43.36-43.60) schedule of prices Page 33	R
16.19	(43.61-46.3) schedule of prices Page 34	R
16.20	(41.1-48.20) schedule of prices Page 35	R
16.21	(48.21-48.45) schedule of prices Page 36	R
16.22	(48.46-48.70) schedule of prices Page 37	R
16.23	(48.71-48.94) schedule of prices Page 38	R
16.24	(49.1-49.23) schedule of prices Page 39	R
16.25	(49.24-49.48) schedule of prices Page 40	R



16.26	(49.49-50.17) schedule of prices Page 41	R
16.27	(50.18-50.42) schedule of prices Page 42	R
16.28	(50.43-50.67) schedule of prices Page 43	R
16.29	(50.68-50.92) schedule of prices Page 44	R
16.30	(50.93-50.117) schedule of prices Page 45	R
16.31	(50.118-51.3) schedule of prices Page 46	R
16.32	(52.1-53.20) schedule of prices Page 47	R
16.33	(53.21-54.13) schedule of prices Page 48	R
16.34	(54.14-54.38) schedule of prices Page 49	R
16.35	(54.39-56.4) schedule of prices Page 50	R
16.36	(56.5-56.28) schedule of prices Page 51	R
16.37	(57.1-58.15) schedule of prices Page 52	R
16.38	(59.1-61.3) schedule of prices Page 53	R
16.39	(61.4-63.4) schedule of prices Page 54	R
16.40	(63.5-65.1) schedule of prices Page 55	R
16.41	(65.2-67.2) schedule of prices Page 56	R
16.42	(68.1-71.5) schedule of prices Page 57	R
16.43	(72.1-75.3) schedule of prices Page 58	R
16.44	(75.4-77.14) schedule of prices Page 59	R
16.45	(77.15-78.4) schedule of prices Page 60	R
16.46	(79.1-80.3) schedule of prices Page 61	R
16.47	(80.4-82.1) schedule of prices Page 62	R
16.48	(82.2-82.9) schedule of prices Page 63	R
16.49	(83.1-83.10) schedule of prices Page 64	R
16.50	(83.11-85.1) schedule of prices Page 65	R
16.51	(86.1-87.1) schedule of prices Page 66	R
16.52	(88.1-90.1) schedule of prices Page 67	R
16.52	(91.1-93.1) schedule of prices Page 68	R



	TOTAL NO 1	R
	Contingency amount	R 230, 000.00
	TOTAL NO 2	R
	15% VAT	R
	GRAND TOTAL (Including VAT)	R

THIS TOTAL INCLUDING VAT MUST BE CARRIED TO THE FORM OF OFFER

NB: If the offer (any of the items quoted for) is “Vat Inclusive”, the VAT registration number of the service provider must be indicated. Bidders are not entitled to claim the VAT if they are not VAT registered.



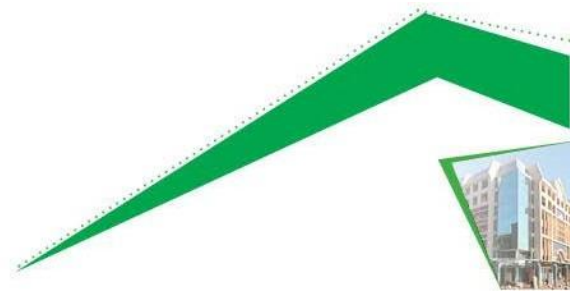
17. DRAWING/PHOTO NO. 1







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PUBLIC WORKS & INFRASTRUCTURE



OCCUPATIONAL HEALTH AND SAFETY SPECIFICATION

IN

**TERM CONTRACT FOR PLUMBING
MAINTENANCE AND REPAIRS AT VARIOUS
GOVERNMENT BUILDINGS IN SARAH
BAARTMAN REGION FOR A PERIOD OF TWO
(2) YEARS**

PROJECT NUMBER: SCMU5-23/24/0003SB

IMPLEMENTED BY

**THE DEPARTMENT OF
PUBLIC WORKS & INFRASTRUCTURE**

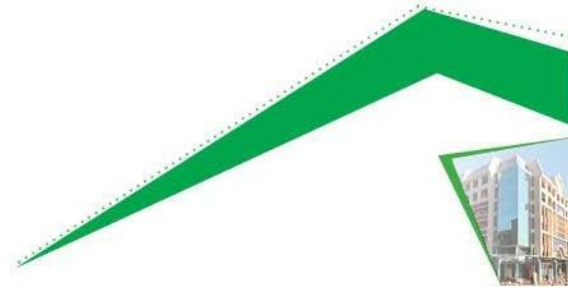
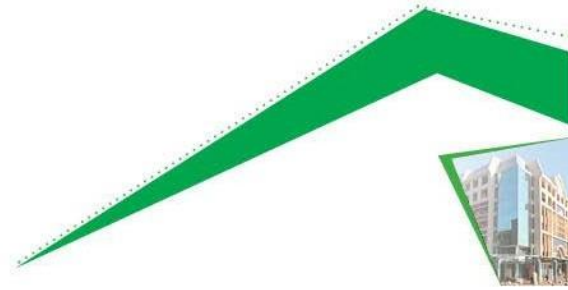


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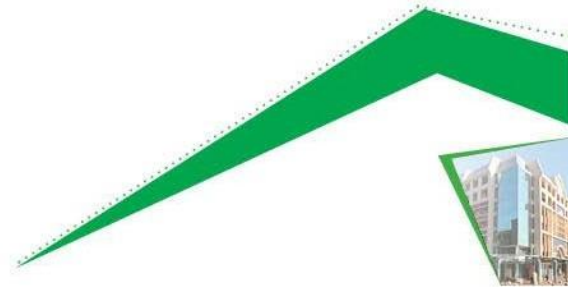
1. PREAMBLE

In terms of Construction Regulation 4(1)(a) of the Occupational Health and Safety Act, 1993 (Act 85 of 1993), and 5(1) construction regulation of 2014, the Department of Public Works and Infrastructure, as the Client and/or its Agent on its behalf, shall be responsible to prepare Health & Safety Specifications for any intended construction project and provide any Principal Contractor who is making a bid or appointed to perform construction work for the Client and/or its Agent on its behalf with the same.

The Client's further duties are as described in The Act and the Regulations made thereunder. The Principal Contractor shall be responsible for the Health & Safety Policy for the site in terms of Section 7 of the Act and in line with Construction Regulation 5 as well as the Health and Safety Plan for the project.

This 'Health and Safety Specifications' document is governed by the "Occupational Health and Safety Act, 1993 (Act No. 85 of 1993), hereinafter referred to as 'The Act'. Notwithstanding this, cognizance should be taken of the fact that no single Act or its set of Regulations can be read in isolation. Furthermore, although the definition of Health and Safety Specifications stipulates 'a documented specification of all health and safety requirements pertaining to associated works on a construction site, so as to ensure the health and safety of persons', it is required that the entire scope of the Labour legislation, including the Basic Conditions of Employment Act be considered as part of the legal compliance system. With reference to this specification document this requirement is limited to all health, safety and environmental issues pertaining to the site of the project as referred to here-in. Despite the foregoing it is reiterated that environmental management shall receive due attention.

Due to the wide scope and definition of construction work, every construction activity and site will be different, and circumstances and conditions may change even on a daily basis. Therefore, due caution is to be taken by the Principal Contractor when drafting the Health and Safety Plan based on these Health and Safety Specifications. Prior to drafting the Health and Safety Plan, and in consideration of the information contained here-in, the



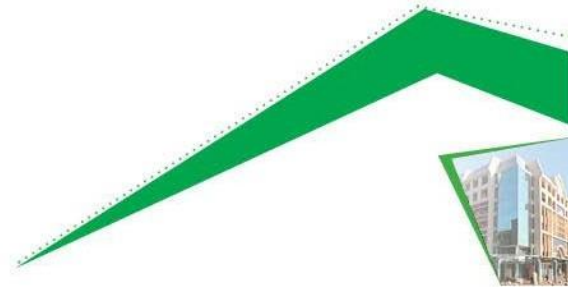
contractor shall set up a Risk Assessment Program to identify and determine the scope and details of any risk associated with any hazard at the construction site, in order to identify the steps needed to be taken to remove, reduce or control such hazard. *This Risk Assessment and the steps identified will be the basis or point of departure for the Health and Safety Plan.* The Health and Safety Plan shall include documented 'Methods of Statement' (see definitions under Construction Regulations) detailing the key activities to be performed in order to reduce as far as practicable, the hazards identified in the Risk Assessment.

In this a high premium is to be placed on the health and safety of the most valuable assets of the Department of Public Works and Infrastructure. These are its personnel, the personnel of its Clients and the physical assets of which it is the custodian and may also include the public as well. The responsibilities the Department and relevant stakeholders have toward its employees and other people present in the facilities or on the sites are captured further in this specification document. These responsibilities stem from both moral, civil and a variety of legal obligations. The Principal Contractor is to take due cognisance of the above statement.

Every effort has been made to ensure that this specification document is accurate and adequate in all respects. Should it however, contain any errors or omissions they may not be considered as grounds for claims under the contract for additional reimbursement or extension of time, or relieve the Principal Contractor from his responsibilities and accountability in respect of the project to which this specification document pertains. Any such inaccuracies, inconsistencies and/or inadequacies must immediately be brought to the attention of the Agent and/or Client.

2. SCOPE OF HEALTH AND SAFETY SPECIFICATION DOCUMENT

These Specifications should be read in conjunction with the Act, the Construction Regulations and all other Regulations and Safety Standards which were or will be promulgated under the Act or incorporated into the Act and be in force or come into force



during the effective duration of the project. The stipulations in this specification, as well as those contained in all other documentation pertaining to the project, including contract documentation and technical specifications shall not be interpreted, in any way whatsoever, to countermand or nullify any stipulation of the Act, Regulations and Safety Standards which are promulgated under, or incorporated into the Act.

This health and safety specification in respect of a construction work contract:

- a) provides the overarching framework within which the contractor is required to demonstrate compliance with certain requirements for occupation health and safety established by the Occupational Health and Safety Act of 1993 during construction;
- b) establishes the manner in which the contractor is to manage the risk of health and safety incidents in during the construction; and
- c) establishes the manner in which the employer's health and safety agent will interact with the contractor.

Note 1 This specification establishes generic requirements to enable the employer and the contractor to satisfy aspects of the Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) and the Construction Regulations, 2014. The contractor is required to develop, implement and maintain package specific health and safety plans. The employer is required to provide certain package specific information to the contractor or a health and safety specification for the works to enable such plans to be formulated. Accordingly, this generic specification on its own cannot ensure compliance with the requirements of the aforementioned Act (See Annexure A).

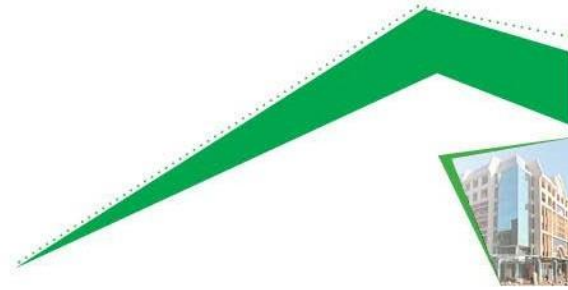
Note 2: The Construction Regulations, 2014, require an employer to stop any contractor from executing construction work which is not in accordance with the contractor's health and safety plan for the site or which poses to be a threat to the health and safety of persons. **Note 3:** This specification establishes generic health and safety requirements. Site specific requirements for health and safety are stated in the scope of work associated with a contract (see Annexure A).

Note 4: The South African Council for the Project and Construction Management Professions has established the following specified categories of registration in terms of the Project and Construction Management Professions Act of 2000 (Act No. 48 of 2000):

- a) a Construction Health and Safety Agent who may be appointed by an employer to act as his agent in terms of the Occupational Health and Safety Act of 1993 and the Construction Regulations issued in terms of that Act;
- b) a Construction Health and Safety Manager who may be appointed by an employer to complement his professional team or by a contractor to manage company or project health and safety performance and compliance in accordance with the Occupational Health and Safety Act and Regulations; and a Construction Health and Safety Officers who may be appointed by an employer to mitigate the risk on a project or by a contractor to monitor and assist on-site health and safety performance and compliance in accordance with the Occupational Health and Safety Act and Regulations and services.

3. PURPOSE

The Department is obligated to implement measures to ensure the health and safety of all people and properties affected under its custodianship or contractual commitments, and is further obligated to monitor that these measures are structured and applied according to the requirements of these Health and Safety Specifications.



The purpose of this specification document is to provide the relevant Principal Contractor (and his / her contractor) with any information other than the standard conditions pertaining to construction sites which might affect the health and safety of persons at work and the health and safety of persons in connection with the use of plant and machinery; and to protect persons other than persons at work against hazards to health and safety arising out of or in connection with the activities of persons at work during the carrying out of construction work for the Department of Public Works and Infrastructure. The Principal Contractor (and his /her contractor) is to be briefed on the significant health and safety aspects of the project and to be provided with information and requirements on inter alia:

- a) Safety considerations affecting the site of the project and its environment;
- b) Health and safety aspects of the associated structures and equipment;
- c) submissions on health and safety matters required from the Principal Contractor (and his /her contractor); and
- d) the Principal Contractor's (and his /her contractor) health & safety plan.

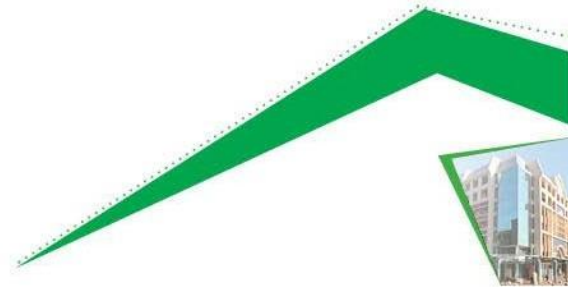
To serve to ensure that the Principal Contractor (and his /her contractor) is fully aware of what is expected from him/her with regard to the Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) and the Regulations made there-under including the applicable safety standards, and in particular in terms of Section 6, 7 and 8 of the construction regulation (2014).

To inform the Principal Contractor that the Occupational Health and Safety Act, 1993 (Act 85 of 1993) in its entirety shall apply to the contract to which this specification document applies. The Construction Regulations promulgated on 07 February 2014.

CREATING AND MAINTAINING A SAFE AND HEALTHY WORK ENVIRONMENT

General

The contractor shall with respect to the site and the construction work that are



contemplated:

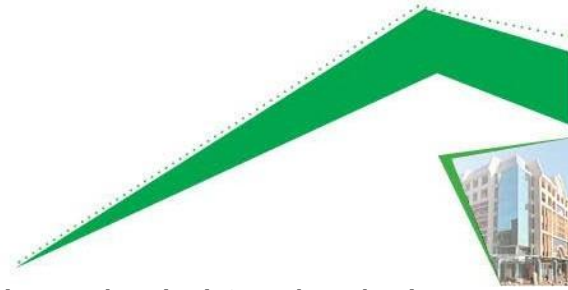
1. cause a preliminary hazard identification to be performed by a competent person before commencing any physical construction activity;
2. evaluate the risks associated with the identified hazard to the health and safety of such employees and the steps that need to be taken to comply with the Act; and
3. as far as is reasonably practicable, prevent the exposure of such employees to the hazards concerned or, where prevention is not reasonably practicable, minimize such exposure.
4. **Adhere to the consolidated COVID – 19 directions on health and safety in the workplace issued by the Minister in terms of the Regulation 4(10) of the National Disaster Regulations as well as the COID act. Ensure that you provide the Department with proof that the requirements stipulated on these Regulations as the Employer have been met.**

The contractor shall ensure that:

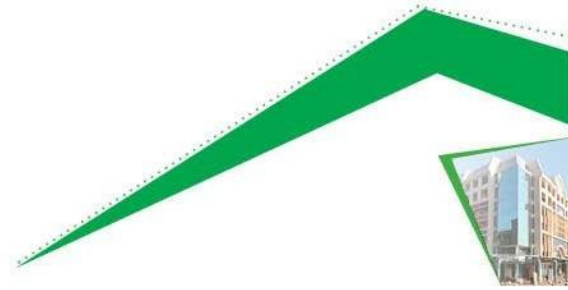
- all reasonably practicable steps are taken to prevent the uncontrolled collapse of any new or existing structure or any part thereof, which may become unstable or is in a temporary state of weakness or instability due to the carrying out of construction work; no structure or part of a structure is loaded in a manner which would render it unsafe; and
- account of information, if any, provided by the designer of the structure is taken into account in the risk assessment;
- Adhere to the consolidated COVID – 19 directions on health and safety in the workplace issued by the Minister in terms of the Regulation 4(10) of the National Disaster Regulations as well as the COID act. Ensure that you provide the Department with proof that the requirements stipulated on these Regulations as the Employer have been met.



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Note: The information provided by the designer should outline known or anticipated dangers or hazards relating to the work and make available all information required for the safe execution of the work. It should provide as relevant, geotechnical information (or make reference to reports provided in the site information), the loading the structure is designed to withstand, the methods and sequence of construction.



The contractor shall carry out regular inspections and audits to ensure that the work is being performed in accordance with the requirements of this specification.

4. DEFINITIONS

The most important definitions in the Act and Regulations pertaining to this specification document are hereby extracted.

Act: the Occupational Health and Safety Act, 1993 (Act No. 85 of 1993)

Accident – means unplanned occurrence that happens due to the unsafe condition and may cause injury to a person, damage to the property, material, plant, equipment and the environment.

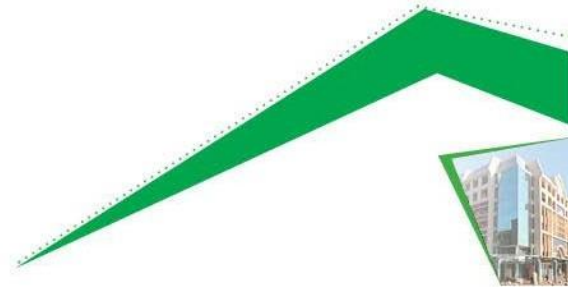
Agent – means any person who acts as a representative for a client. The word agent, in some instances, may be used interchangeable with the Construction Health and Safety Agent, the distinguishing factor will be on the role expected to be played by the agent mentioned. For example, all H&S related issues (audits, inspections, and/or reports) are done by the Construction Health and Safety Agent, whilst the accountability of overall project success or portions of the work is done by the Agent i.e. Principal Agent or Project Manager or Engineer.

Client means Department of Public Works and Infrastructure.

Competent person means a person who-

- (a) has in respect of the work or task to be performed the required knowledge, training and experience and, where applicable, qualifications, specific for that work or task: Provided that where appropriate qualifications and training are registered in terms of the provisions of the National Qualifications Framework Act, 2000 (Act No.67 of 2000), those qualifications and that training must be regarded as the required qualifications and training; and
- (b) Is familiar with the OHS Act, Act 85 of 1993 and with the applicable regulations made under the Act;

Construction Health & Safety Agent (SACPCMP) – The person or entity appointed by the client through the Agent and who has a full authority and obligation to act on the client's behalf in terms of the construction regulations. *Pr.CHSA* means a competent person who acts as a representative for a Client in terms of regulation (5)5.



Contract Amount" Financial value of the contract at the time of the award of the contract, exclusive of all allowance and any value added tax or sales tax which the law requires the employer to pay to the contractor.

contractor: person or organization that contracts to provide the work covered by the contract

contract manager: person appointed by the employer to administer the contract on his behalf

competent person: any person who:

- a) has in respect of the work or task to be performed the required knowledge, training and experience and, where applicable, qualifications specific to that work or task; and
- b) is familiar with the Act and applicable regulations made in terms of the Act

Note: The Regulations stipulate that where appropriate qualifications and training are registered in terms of the provisions of the National Qualification Framework Act of 2000, those qualifications and training must be regarded as the required qualifications and training.

danger: anything which may cause injury or damage to persons or property

employer: person or organisation that enters into a contract with the contractor for the provision of the work covered by the contract

employer's health and safety agent: the person appointed as agent by the employer in terms of Regulation 4(5) of the Construction regulations and named in the contract data as the being the employer's agent responsible for health and safety matters. **This is a Construction Health & Safety Agent (SACPCMP)"** – The person or entity appointed by the client through the Agent and who has a full authority and obligation to act on the client's behalf in terms of the construction regulations;

"Construction Manager (Site Agent)" means a competent person responsible for the management of the physical construction processes and the coordination, administration and management of resources on a construction site;

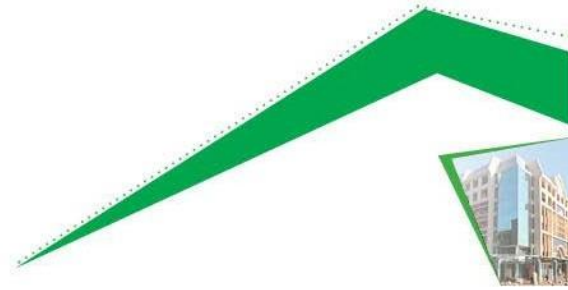
Construction Site means a work place where construction work is being performed;

Construction Supervisor means a competent person responsible for supervising construction activities on a construction site;

Construction Vehicle means a vehicle used as a means of conveyance for transporting persons or material, or persons and material, on and off the construction site for the purposes of performing construction work;

Construction work means any work in connection with –

- a) The construction, erection, alteration, renovation, repair, demolition or dismantling of or addition to a building or any similar structure; or
- b) the construction, erection, maintenance, demolition or dismantling of any bridge, dam, canal, road, railway, runway, sewer or water reticulation system; or the moving



of earth, clearing of land, the making of excavation, piling, or any similar civil engineering structure or type of work.

Construction Work Permit means a document issued in terms of regulation 3 of the Construction Regulations 2014.

CR refers to the Construction Regulations 2014.

Demolition Work means a method to dismantle, wreck, break, pull down or knock down of a structure or part thereof by way of manual labour, machinery, or the use of explosives.

ergonomics: the application of scientific information concerning humans to the design of objects, systems and the environment for human use in order to optimise human well-being and overall system performance.

Fall Protection Plan means a documented plan, which includes and provides for-

- All risks relating to working from a fall risk position, considering the nature of work undertaken;
- The procedures and methods to be applied in order to eliminate the risk of falling; and
- A rescue plan and procedures.

H&S – health and safety.

hazard: a source of or exposure to danger.

hazard identification: the identification and documenting of existing or expected hazards to the health and safety of persons, which are normally associated with the type of construction work being executed or to be executed.

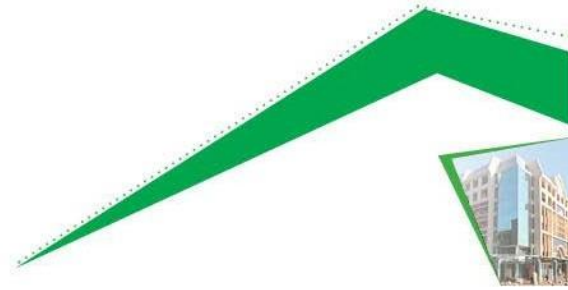
Health and Safety File – means a file, or other record in permanent form, containing the information required a contemplated in the regulations.

health and safety plan: a documented plan which addresses hazards identified and includes safe work procedures to mitigate, reduce or control the hazards identified.

health and safety specification: a site, activity or project specific document pertaining to all health and safety requirements related to construction work which is included in the contractor's contract with the employer or an order issued in terms of framework agreement.

healthy: free from illness or injury attributable to occupational causes.

incident: an event or occurrence occurring at work or arising out of or in connection with the activities of persons at work, or in connection with the use of plant or machinery, in which, or in consequence of which:



- a) any person dies, becomes unconscious, suffers the loss of a limb or part of a limb or is otherwise injured or becomes ill to such a degree that he is likely either to die or to suffer a permanent physical defect or likely to be unable for a period of at least 14 days either to work or to continue with the activity for which he was employed or is usually employed;
- b) a major incident occurred; or
- c) the health or safety of any person was endangered and where:
 - i) a dangerous substance was spilled;
 - ii) the uncontrolled release of any substance under pressure took place;
 - iii) machinery or any part thereof fractured or failed resulting in flying, falling or uncontrolled moving objects; or machinery ran out of control.

inspector: a person designated as such under section 28 the Act.

major incident: an occurrence of catastrophic proportions, resulting from the use of plant or machinery, or from activities at a workplace.

Medical Certificate of Fitness means a certificate contemplated in regulation 7(8) of Construction Regulations 2014.

Practical Completion Certificates- A certificates issued in terms of a contract by the employer, signifying that the whole of the construction works have reached a state of readiness for occupation or use for the purposes intended, although some minor work may be outstanding.

"Professional Engineer or Professional Certificated Engineer" means a person holding registration as either a Professional Engineer or Professional Certificated Engineer in terms of the Engineering Profession Act, 2000 (Act No. 46 of 2000).

reasonably practicable: practicable having regard to:

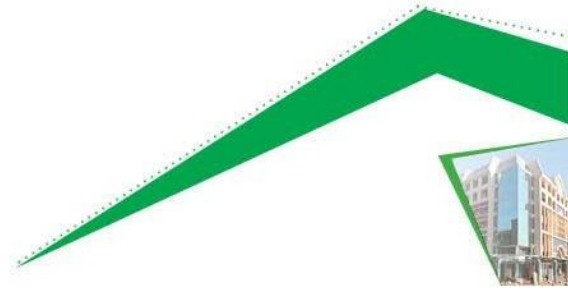
- a) the severity and scope of the hazard or risk concerned;
- b) the state of knowledge reasonably available concerning that hazard or risk and of any means of removing or mitigating that hazard or risk;
- c) the availability and suitability of means to remove or mitigate that hazard or risk; and
- d) the cost of removing or mitigating that hazard or risk in relation to the benefits deriving therefrom.

risk – means the likelihood that harm will occur and the subsequent consequences.

“Risk assessment” – means a process to determine any risk associated with any hazard at a construction site in order to identify the steps needed to be taken to mitigate, reduce or control such hazards.

safe: free from any hazard.

Safety Officer – a person deemed competent by SACPCMP under the relevant category of registration.



scaffold: any temporary elevated platform and supporting structure used for providing access to and supporting workmen or materials or both.

structure:

- a) any building, steel or reinforced concrete structure (not being a building), railway line or siding, bridge, waterworks, reservoir, pipe or pipeline, cable, sewer, sewage works, fixed vessels, road, drainage works, earthworks, dam, wall, mast, tower, tower crane, bulk mixing plant, pylon, surface and underground tanks, earth retaining structure or any structure designed to preserve or alter any natural feature, and any other similar structure;
- b) any false work, scaffold or other structure designed or used to provide support or means of access during construction work; or
- c) any fixed plant in respect of construction work which includes installation, commissioning, decommissioning or dismantling and where any construction work involves a risk of a person falling.

substance: any solid, liquid, vapour, gas or aerosol, or combination thereof.

suitable: capable of fulfilling or having fulfilled the intended function or fit for its intended purpose.

temporary works: any false work, formwork, support work, scaffold, shoring or other temporary structure designed to provide support or means of access during construction.

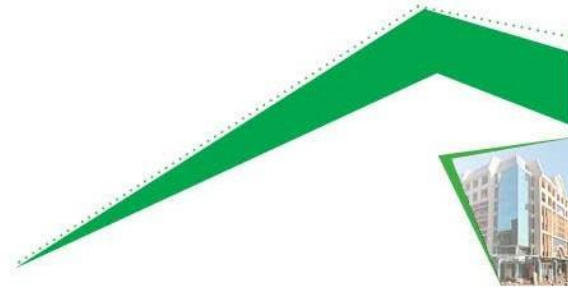
workplace: any premises or place where a person performs work in the course of his employment.

5. OCCUPATIONAL HEALTH & SAFETY MANAGEMENT

5.1 Structure and Organization of OH&S Responsibilities

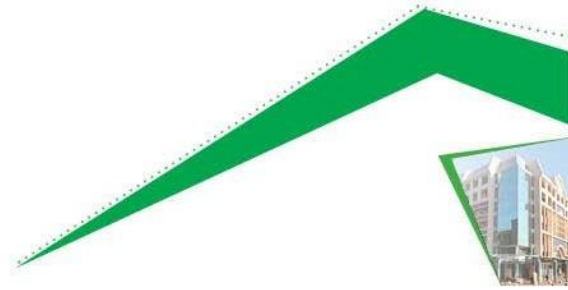
5.1.1. Overall Supervision and Responsibility for OH&S

- a) The Client and/or its Agent on its behalf to ensure that the Principal Contractor, appointed in terms of Construction Regulation 4(1)(c), implements and maintains the agreed and approved H&S Plan. Failure on the part of the Client or Agent to



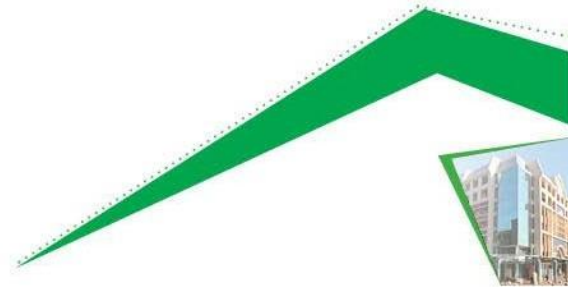
comply with this requirement will not relieve the Principal Contractor from any one or more of his/her duties under the Act and Regulations.

- b) The Chief Executive Officer of the Principal Contractor in terms of Section 16 (1) of the Act to ensure that the Employer (as defined in the Act) complies with the Act. The pro forma Legal Compliance Audit may be used for this purpose by the Principal Contractor or his/her appointed contractor.
- c) All OH&S Act (85 /1993), Section 16 (2) appointee/s as detailed in his/her/their respective appointment forms to regularly, in writing, report to their principals on matters of health and safety per routine and ad hoc inspections and on any deviations as soon as observed, regardless of whether the observation was made during any routine or ad hoc inspection and to ensure that the reports are made available to the principal Contractor to become part of site records (Health & Safety File).
- d) The Construction Supervisor and Assistant Construction Supervisor/s appointed in terms of Construction Regulation 6 to regularly, in writing, report to their principals on matters of health and safety per routine and ad hoc inspections and on any deviations as soon as observed, regardless of whether the observation was made during any routine or ad hoc inspection and to ensure that the reports are made available to the principal Contractor to become part of site records (Health & Safety File).
- e) All Health and Safety Representatives (SHE-Reps) shall act and report as per Section 18 of the Act.



5.1.2 Required appointments as per the Construction Regulations: -

Item	Regulation	Appointment	Responsible Person
1.	3.	Application Construction work permit	Client
2.	5(1)(k)	Principal contractor for each phase or project	Client
3.	5(6)	Construction Health & Safety Agent	Client
4.	7(1)(c)	Contractor	Principal Contractor
5.	7(3)	Contractor	Contractor
6.	8(1)	Construction manager	Contractor
7.	8(2)	Assistance Construction manager	Contractor
8.	6(1)	Construction supervisor	Contractor
9.	6(2)	Construction supervisor sub-ordinates	Contractor
10.	8(5)	Construction Safety Officer	Contractor
11.	8(8)	Responsible employee	
12.	9(1)	Person to carry out risk assessment	Contractor
13.	10(1)	Fall protection planner	Contractor
14.	12(1)	Temporal work designer	
15.	12(2)	Supervisor of temporal work operation	
16.	13(1)	Excavation supervisor	Contractor
17.	13(2)(k)	Competent person in the use of explosive for excavations	Contractor
18.	14(11)	Explosives expert	Contractor
19.	14(1)	Supervisor demolition work	Contractor
20.	14(2)	Scaffold supervisor	Contractor
21.	16(1)	Suspended platform supervisor	Contractor
22.	18(1)a	Rope access	Contractor
23.	19(8)(a)	Material hoist inspector	Contractor
24.	20(1)	Bulk mixing plant supervisor	Contractor
25.	21(2)	Explosive actuated fastening device inspector	Contractor
26.	21(2)(g)	Explosive actuated fastening device cartridge, nails and studs: issuer & collector	Contractor
27.	23(1)	Operator : construction vehicle and mobile plant	Contractor
28.	28 (a)	Stacking and storage supervisor	Contractor
29.	29 (h)	Fire equipment inspector	Contractor

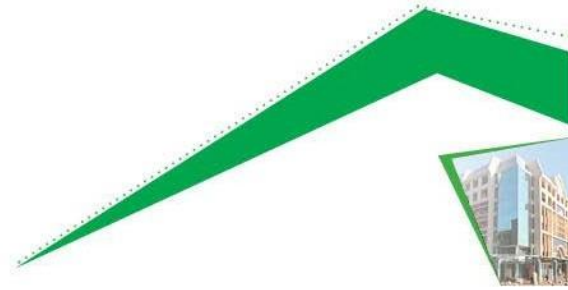


5.2 Communication, Participation & Consultation

- 5.2.1 Occupational Health & Safety matters/issues shall be communicated between the Employer, the Principal Contractor, the other Contractors, the Designer and other concerned parties shall be through the H&S Committee or other means determined by the client.
- 5.2.2 In addition to the above, communication may be directly to the Client or his appointed Agent, verbally or in writing, as and when the need arises.
- 5.2.3 Consultation with the workforce on OH&S matters will be through their Supervisors and H&S Representatives ('SHE – Reps')
- 5.2.4 The Principal Contractor will be responsible for the dissemination of all relevant OH&S information to the other Contractors e.g. design changes agreed with the Client and/or its Agent on its behalf and the Designer, instructions by the Client and/or his/her agent, exchange of information between Contractors, the reporting of hazardous/dangerous conditions/situations etc.
- 5.2.5 Adhere to the consolidated COVID – 19 directions on health and safety in the workplace issued by the Minister in terms of the Regulation 4(10) of the National Disaster Regulations as well as the COID act.

6. INTERPRETATION

- a) The Act and its associated regulations shall have precedence in the interpretation of any ambiguity or inconsistency between it and this specification.
- b) Compliance with the requirements of this specification does not necessarily result in compliance with the provisions of the Act.
- c) The Occupational Health and Safety Act and all its Regulations, with the exception of the Construction Regulations, distinguish between the roles, responsibilities and



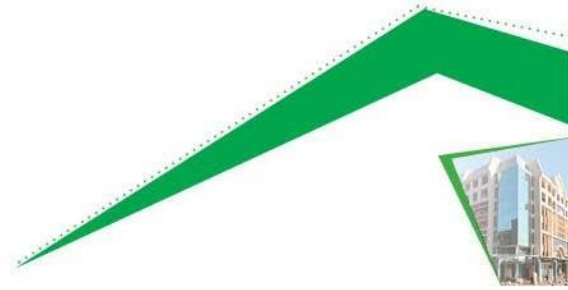
functions of employers and employees respectively. It views consultants and contractors as employees of the “owner” of a construction or operational project, the “owner” being regarded as the employer.

- d) The position taken by the Construction Regulations is that the “owner”, in terms of its instructions, operates (has to operate) in the role of client as per relevant definition. The contractors working for the “client” are seen to be in two categories, i.e. the Principal Contractor and Contractors.
- e) The Principal Contractor has to take full responsibility for the health and safety on the site of the relevant project / contract. This includes monitoring health and safety conditions and overseeing administrative measures required by the Construction Regulations from all contractors on the project site.
- f) The words **Principal Contractor** and **Contractor** in this document are used interchangeable, unless clearly expressed otherwise to mean something else e.g. when used to describe roles, responsibilities, functions, acts or omissions of the sub-contractor(s).
- g) Adhere to the consolidated COVID – 19 directions on health and safety in the workplace issued by the Minister in terms of the Regulation 4(10) of the National Disaster Regulations as well as the COID act. Ensure that you provide the Department with proof that the requirements stipulated on these Regulations as the Employer have been met.

7. RESPONSIBILITIES

7.1 Client

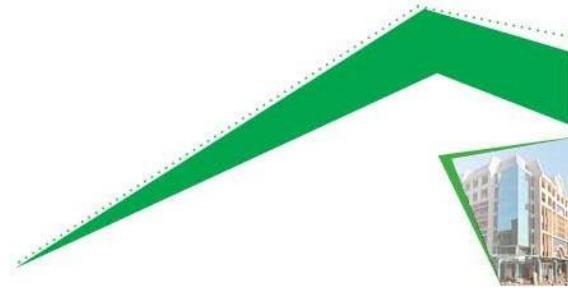
- a) The Client or his appointed Agent on his behalf will appoint each Principal Contractor for this project or phase/section of the project in writing for assuming the role of Principal Contractor as intended by the Construction Regulations.



- b) The Client or his appointed Agent on his behalf shall discuss and negotiate with the Principal Contractor the contents of the health and safety plan of the both Principal Contractor and Contractor for approval.
- c) The Client or his appointed Agent on his behalf will take reasonable steps to ensure that the health and safety plan of both the Principal Contractor and Contractor is implemented and maintained. The steps taken will include periodic audits at intervals of at least once every month.
- d) The Client or his appointed Agent on his behalf, will prevent the Principal Contractor and/or the Contractor from commencing or continuing with construction work should the Principal Contractor and/or the Contractor at any stage in the execution of the works be found to:
 - have failed to have complied with any of the administrative measures required by the Construction Regulations in preparation for the construction project or any physical preparations necessary in terms of the Act;
 - have failed to implement or maintain their health and safety plan;
 - have executed construction work which is not in accordance with their health and safety plan; or
 - act in any way which may pose a threat to the health and safety of any person(s) present on the site of the works or in its vicinity, irrespective of him/them being employed or legitimately on the site of the works or in its vicinity.

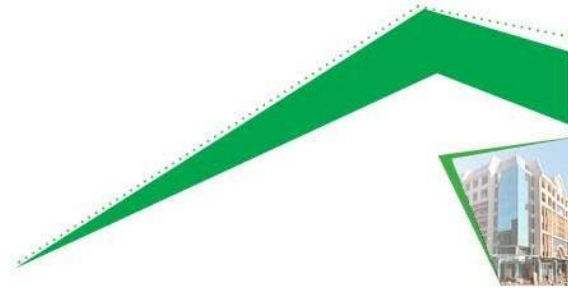
7.2 Principal Contractor

- a) The Principal Contractor shall accept the appointment under the terms and Conditions of Contract. The Principal Contractor shall sign and agree to those terms and conditions and shall, before commencing work, notify the Department of Labour of the intended construction. Annexure 2 of this construction regulation contains a

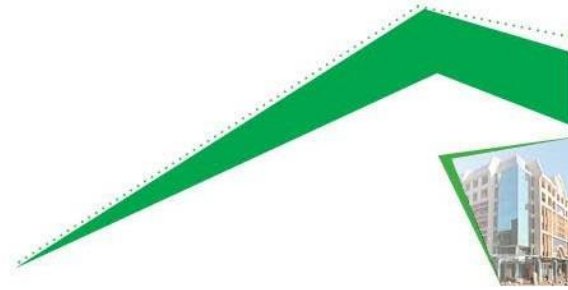


“Notification of Construction Work” form. The Principal Contractor shall submit the notification in writing prior to commencement of work and inform the Client or his Agent accordingly.

- b) The Principal Contractor shall ensure that he is fully conversant with the requirements of this Specification and all relevant health and safety legislation.
- c) The Principal Contractor will in no manner or means be absolved from the responsibility to comply with all applicable sections of the Act, the Construction Regulations or any Regulations proclaimed under the Act or which may perceivable be applicable to this contract.
- d) The Principal Contractor shall provide and demonstrate to the Client a suitable and sufficiently documented health and safety plan based on this Specification, the Act and the Construction Regulations, which shall be applied from the date of commencement of and for the duration of execution of the works. This plan shall, as appendices, include the health and safety plans of all Sub-contractors for which he has to take responsibility in terms of this contract.
- e) The Principal Contractor shall provide proof of his registration and good standing with the Compensation Fund or with a licensed compensation insurer prior to commencement with the works.
- f) The Potential Principal Contractor shall, in submitting his tender, demonstrate that he has made provision for the cost of compliance with the specified health and safety requirements, the Act and Construction Regulations. (Note: This shall have to be contained in the conditions of tender upon which a tenderer’s offer is based.)
- g) The Principal Contractor shall consistently demonstrate his competence and the adequacy of his resources to perform the duties imposed on the Principal Contractor in terms of this Specification, the Act and the Construction Regulations.



- h) The Principal Contractor shall ensure that a copy of his health and safety plan is available on site and is presented upon request to the Client, an Inspector, Employee or Sub-contractor.
- i) The Principal Contractor shall ensure that a health and safety file, which shall include all documentation required in terms of the provisions of this Specification, the Act and the Construction Regulations, is opened and kept on site and made available to the Client or Inspector upon request. Upon completion of the works, the Principal Contractor shall hand over a consolidated health and safety file to the Client.
- j) The Principal Contractor shall, throughout execution of the contract, ensure that all conditions imposed on his Sub-contractors in terms of the Act and the Construction Regulations are complied with as if they were the Principal Contractor.
- k) The Principal Contractor shall from time to time evaluate the relevance of the Health and Safety Plan and revise the same as required, following which revised plan shall be submitted to the Client and/or his/her Agent for approval.
- l) The Principal Contractor shall adhere to the consolidated COVID – 19 directions on health and safety in the workplace issued by the Minister in terms of the Regulation 4(10) of the National Disaster Regulations as well as the COID act. Ensure that you provide the Department with proof that the requirements stipulated on these Regulations as the Employer have been met. Ensure that training is conducted on the requirements on health and safety in relation to COVID-19 in the work place. Provide the appropriate PPE such as cloth face masks minimum of x 2 per employee on site and ensure continuous hands sanitisers are provided and social distance in maintained throughout the work process. Lastly, ensure that medical screening is conducted every morning before workers access the construction site. This should be done to everybody that accesses the site premis**



7.3 Contractor / sub-contractor

The contractor must demonstrate to the Principal Contractor that he has the necessary competencies and resources to perform the construction work safely.

Acceptance by the Principal Contractor of the contract with Public Works and Infrastructure shall constitute acknowledgement that the Principal Contractor has familiarised him/herself with the contents of the OHSE Spec and that he/she will comply with all its obligations in respect thereof.

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.

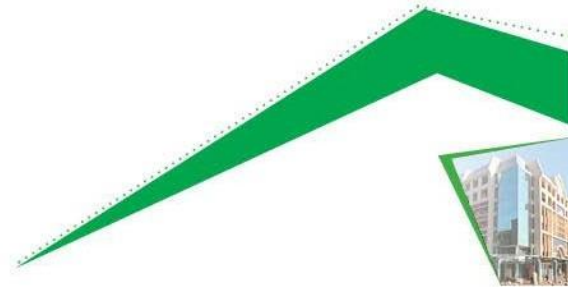
The Client or its duly appointed Construction H&S Agent reserves the right to stop any Principal Contractor or Sub-Contractors from working whenever Safety, Health or Environmental requirements are being violated as required by regulation 5(1)(q). Any resultant costs of such work stoppages will be for the relevant Contractor's account.

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 when the Client deems fit to address issue of OHSE Compliance.

The Client will not entertain any claim of any nature whatsoever which arises as a result of costs incurred or delays being experienced due to the Contractor not complying with the requirements of this document and/or any other applicable legislative requirements imposed on the Contractor.

The contractor may only subcontract work in terms of a written subcontract and shall only appoint a subcontractor should he be reasonably satisfied that such a subcontractor has the necessary competencies and resources to safely perform the work falling within the scope of the contract. Such a subcontract shall require that the subcontractor:

- co-operate with the contractor as far as is necessary to enable both the contractor and sub-contractor to comply with the provisions of the Act; and
- as far as is reasonably practicable, promptly provide the contractor with any information which might affect the health and safety of any person at work carrying out work or any person who might be affected by the work of such a person at work or which might justify a review of the health and safety plan.



The contractor shall provide any sub-contractor who is submitting a tender or appointed to perform a sub-contract falling within the scope of the contract, with the relevant sections of this specification and the health and safety specification.

The contractor shall discuss and negotiate with each subcontractor performing construction work the subcontractor's health and safety plan and approve that plan for implementation.

The contractor shall take reasonable steps as are necessary to ensure that:

- potential contractors submitting tenders have made sufficient provision for health and safety measures during the construction process;
- each subcontractor is registered and in good standing with the compensation fund or with a licensed compensation insurer prior to their performance of work on site;
- all the subcontractor's employees have a valid medical certificate of fitness specific to the construction work which are to be performed which is issued by an occupational health and safety practitioner;
- all sub-contractors co-operate with each other to enable each of those sub-contractors to comply with the requirements of the Act and associated regulations;
- each subcontractor performing construction work has and maintains a health and safety file containing the relevant information described in 4.2.5; and
- each sub-contractor's health and safety plan is implemented and maintained.

The contractor shall conduct periodic document verifications and audits for compliance with the approved health and safety plan of each and every sub-contractor working on the site at intervals agreed upon with such subcontractors, but at least once per month.

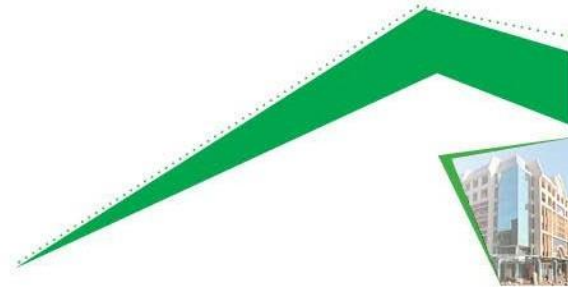
The contractor shall stop any subcontractor from executing construction work which is not in accordance with the contractor's or subcontractor's health and safety plan for the site or which poses a threat to the health and safety of persons.

The contractor shall ensure that where changes to the works occur including design changes, sufficient health and safety information and appropriate resources are made available to subcontractor to execute the work safely.

The contractor shall ensure that:

- every subcontractor is registered and in good standing with the compensation fund or with a licensed compensation insurer prior to work commencing on site;
- potential subcontractors submitting tenders have made provision for the cost of health and safety measures during the construction process; and
- every subcontractor has in place a documented health and safety plan prior to commencing any work on site which falls within the scope of the contract.

The contractor shall receive, discuss and approve health and safety plans submitted by subcontractors.



The contractor shall ensure that all subcontractors are informed regarding any hazard as stipulated in the risk assessment before any work commences, and thereafter at such times as may be determined in the risk assessment.

The contractor shall reasonably satisfy himself that all employees of subcontractors are informed, instructed and trained by a competent person regarding any hazard and the related work procedures before any work commences, and thereafter at such times as may be determined in the risk assessment.

The contractor shall satisfy himself and ensure that all subcontractor employees deployed in the site are:

- informed, instructed and trained by a competent person regarding any hazard and the related work procedures before any work commences, and thereafter at such times as may be determined in the risk assessment; and
- issued with proof of health and safety induction training issued by a competent person and carry proof such induction when working on site.

The contractor shall undertake a risk assessment together with subcontractors whenever subcontractors are working in close proximity to other subcontractors particularly activities involve excavations, the moving of earth, the movement of heavy machinery and working at heights

7.4 Construction supervisors

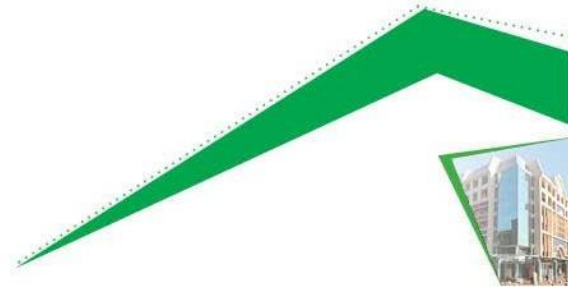
The construction manager shall in writing appoint construction supervisors responsible for construction activities and ensuring occupational health and safety compliance on the construction site.

A contractor shall after considering the size of the project and if considered necessary, appoint in writing one or more competent employees for different sections of the work to assist the construction supervisor.

7.5 Competent persons

The contractor shall appoint in writing competent persons to supervise or inspect, as relevant, any of the following:

- formwork and support work operations;
- excavation work;
- demolition work;
- scaffolding work operations;
- suspended platform work operations;
- material hoists;
- bulk mixing plants;
- temporary electrical installations;



- the stacking and storage of articles on the site; and
- fire equipment.

The contractor shall appoint in writing competent persons to:

- induct employees in health and safety; and
- prepare and update as necessary a fall protection plan and to provide the construction manager with a copy of the latest version of such plan.

7.6 Appointment of a Fulltime/ Part time Safety Officer

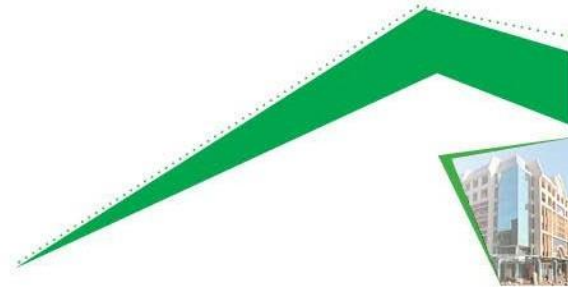
The Principal Contractors will have to appoint a competent Construction H&S Officer as per the following criteria;

- 7.6.1 Number of employees onsite between 30 but below 50 – Part Time Safety Officers shall be appointed and will be onsite at least 2 days a week.*
- 7.6.2 Number of employees above 50 – Fulltime Safety Officer should be appointed.*
- 7.6.3 Should the project require a Construction Work Permit – a Fulltime Safety Officers should be appointed.*

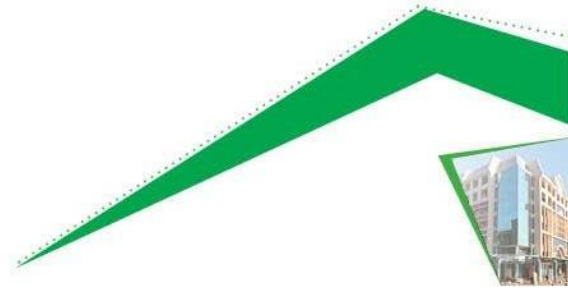
Further to the above criteria, should the Client or its Representative having considered the risks present and lack of compliance to the Occupational Health and Safety Act, Act 85 of 1993 and its applicable Regulations the Client or its Representative may issue an instruction that a Part/ Full Time Construction Health and Safety Officer must be appointed, such a requirement will have to be met. Taking the Risk associated with this project into consideration it is deemed that a full time Safety Officer needs to be appointed and be present on site at all times.

7.7 Construction Health & Safety Agent (SACPCMP)

The construction Health & Safety Agent act as a link between the client, Principal Contractor and the project team members with respect to health & Safety, they are Required to ensure that the client carry out its H&S responsibilities in terms of Legislation as well as to co-ordinate and ensure good H&S practices are maintained Throughout the duration of the project. In many cases this role starts from project Initiation to project close-out.



- a) H&S competence: In the event that the client is unable to satisfy the requirements of the Construction Regulations for whatever reasons, the construction H&S agent may be appointed to perform these functions on behalf of the client. Given the need to appoint a registered construction H&S agent that is competent and adequately resourced with respect to H&S matters.
- b) H&S goals: It is important that the construction H&S agents demonstrate clearly to clients how they are going to contribute to the achievement of any client H&S goals and objectives. They should also set their own H&S goals.
- c) H&S responsibilities: Prior to accepting the H&S agent appointment from clients, H&S agents need to ensure that they brief clients fully on the client's particular responsibilities in terms of the OH&SA of 1993 and Construction Regulations as amended from time to time. In the absence of acceptance by clients of these responsibilities, H&S agents will not be able to adequately meet their own H&S responsibilities and duties.
- e) H&S information: H&S agents must provide the designer or design team with all H&S information to enable them to conduct a design HIRA to identify the significant hazards that need to be included in the H&S specification. This information may be gathered from multiple sources such as, for example, discussion with the client, previous historical use of the site or facility, previous surveys and investigations and past H&S files.
- f) The employer's health and safety agent shall:
 - a. audit the contractor's compliance with the requirements of this specification prior to the commencement of any physical construction activities on the site;
 - b. accept or reject the contractor's health and safety plans, giving reasons for rejecting such plans;
 - c. monitor the effective implementation of all safety plans;
 - d. conduct periodic and random audits on the health and safety file to establish compliance with the requirements of this specification;
 - e. visit the site at regular intervals to conduct site inspections, and based upon such visits issue, wherever necessary, Improvement Notices, Contravention Notices and Prohibition Notices, to the contractor or any of the contractor's subcontractors with a copy to the contract manager and, where relevant, to the contractor.
- g) The contractor shall invite the employer's health and safety agent to audit compliance with the requirements of this specification before commencing with any physical construction activity on the site.
- h) Other duties of a H&S is to ensure that, where applicable, the following is attended to:
 - 1. **Application for a Construction Work Permit Number (as per DoL Chief Inspector, July 2018).**



A client who intends to have construction work carried out, must at least 30 days before that work is to be carried out **apply to the provincial director in writing for a construction work permit to perform construction work** if the intended construction work starts on or after the 7th of August 2018 and exceeds 365 days; will involve more than 3600 person days of construction work; or the works contract in of a value exceeding thirteen million rand or Construction Industry Development Board (CIDB) grading level 7.

The application for the Construction Work Permit Number as contemplated above shall be the responsibility of the client depending on the submission of all relevant documentation from the successful tenderer.

After the Provincial Director of Labour has issued a Construction Work Permit, the Client's or its duly appointed Construction H&S Agent will issue a letter advising the Project Leader and the Principal Agent to arrange the site handover meeting as all legislative requirements would have been complied with including as a copy of the construction permit to work.

2. Tenderer's responsibility:

The tenderer (meeting the above criteria) must ensure that they attach a certified copy of the **SACPCMP** Certificate for a Registered Construction Manager together with their OHSE Plans.

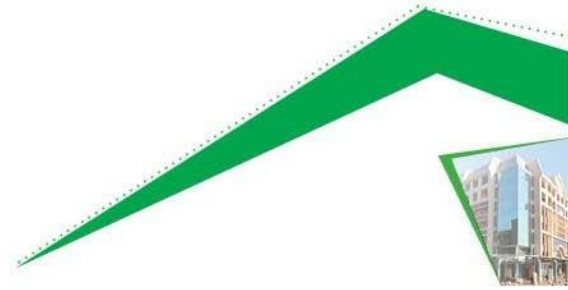
7.8 Responsibilities towards employees and visitors

7.8.1 The contractor shall as far as reasonably practicable, cause every employee to be made conversant with the hazards to his health and safety attached to any work which he has to perform, any article or substance which he has to produce, process, use, handle, store or transport and any plant or machinery which he is required or permitted to use, as well as with the precautionary measures which should be taken and observed with respect to those hazards or safe work procedures.

7.8.2 The contractor shall ensure that all employees under his or her control and the employees of his subcontractors who are performing construction work are:

- informed, instructed and trained by a competent person regarding any hazard and the related work procedures before any work commences, and thereafter at such times as may be determined in the risk assessment; and
- issued with proof of health and safety induction training issued by a competent person and carry proof of such induction when working on site.

7.8.3 The contractor shall cause a record of training to be kept which indicates the training dates, the names, identity numbers and job description of all those who



attended such training and the name, identity number and competence of the person who provided the training.

7.8.4 The contractor shall not allow or permit any employee to enter the site, unless such person has undergone health and safety induction training pertaining to the hazards prevalent on the site at the time of entry.

7.8.5 The contractor shall ensure that each visitor to a construction site, save where such visitor only visits the site office and is not in direct contact with the construction work activities:

7.8.5.1 undergoes health and safety instruction pertaining to the hazards prevalent on the site; and

7.8.5.2 is provided with the necessary personal protective equipment.

7.8.6 The contractor shall provide suitable on-site signage to alert workers and visitors to health and safety requirements. Such signage shall include but not be limited to:

7.8.6.1 unauthorized entrance prohibited;

7.8.6.2 signage to indicate what personal protective equipment is to be worn; and

7.8.6.3 activity related signs.

7.8.7 The contractor shall not permit any person who is or who appears to be under the influence of intoxicating liquor or drugs, to enter or remain at a workplace.

7.9 Design of temporary work

The contractor shall:

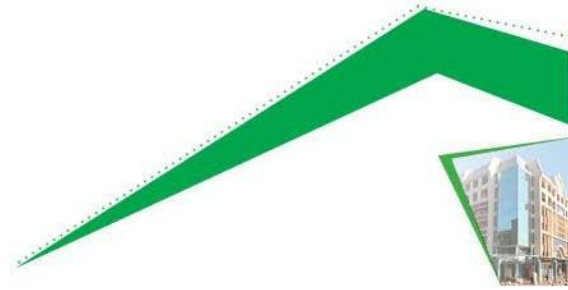
7.9.1 provide the health and safety agent with the names and contract particulars of the designers involved in the design of temporary works;

7.9.2 issue the designers with a copy of the health and safety specification as well as any pertinent information contained in the contract; and

7.9.3 provide the health and safety agent with certificates issued by the designer of the temporary works that such works are fit for purpose before such works are used in support construction activities

3. Notification of intention to commence construction work

- i. The contractor shall on sites where no construction work permit has been issued by the Provincial Director of the Department of Labour notify such director in writing using a form similar to that contained in Annexure 2 of the Construction Regulations issued in terms of the Act before construction work commences and retain proof of such notification in the health and safety file where the work



includes:

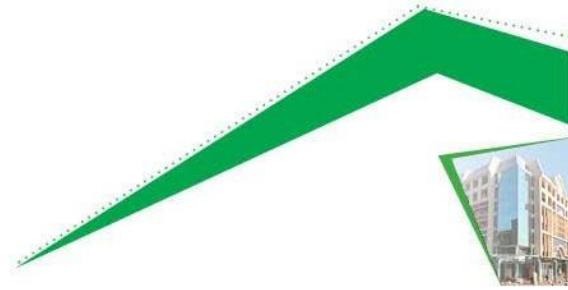
- a. excavation work;
 - b. working at height where there is a risk of falling;
 - c. the demolition of a structure;
 - d. the use of explosives; or
 - e. a single storey dwelling for a client who is going to reside in such dwelling upon completion
- ii. The contractor shall ensure that no work commences on an electrical installation which requires a new supply or an increase in electricity supply before the person who supplies or contracts or agrees to supply electricity to that electrical installation has been notified of such work.
 - iii. The contractor shall ensure that no asbestos.

8. SCOPE OF WORK

See attached building specification.

9. PREPARING A HEALTH & SAFETY PLAN

- (a) The level of detail required for a H&S plan will depend on how complex the workplace is (in particular, the number of contractors at the workplace at any one time) and the risks involved in the work. The plan must be easily accessible in a construction site and it must be clearly understood by management, supervisors & workers on construction site.
- (b) The plan must be implemented, maintained and kept up to date during the construction of the project.
- (c) The principal contractor should prepare a H&S plan that includes
 - project information;
 - client requirements for H&S management on the project; Environmental restrictions and existing on-site risks arrangements, imposed by others or developed by the principal contractor, to control significant site H&S risks; H&S file & project H&S review.
- (d) The H&S plan should include the following information:
 - details of the client, that is the person commissioning the construction work, for example their name, representative and contact details;
 - details of the principal contractor;
 - details of the construction project, for example address of the workplace, anticipated start and end date and a brief description of the type of construction



work that the H&S plan will cover;

- details on how subcontractors will be managed and monitored, including how the principal contractor intends to implement and ensure compliance with the

H&S plan such as checking on the performance of subcontractors and how non-compliance will be handled; and

- details on how the risks associated with falls, falling objects, moving plant, electrical work and all high risk construction work that will take place on a construction project will be managed.

(e) The H&S plan should also include information on:

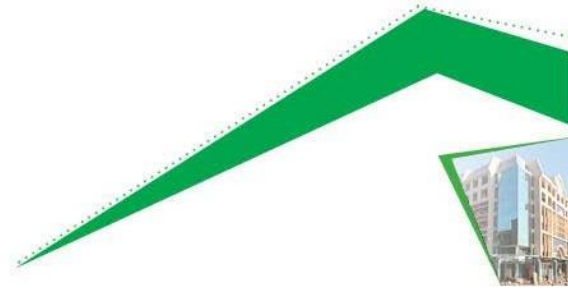
- the provision and maintenance of a hazardous chemicals register, safety data sheets and hazardous chemicals storage;
- the safe use and storage of plant;
- the development of a construction project traffic management plan;
- obtaining and providing essential services information – electrical, gas, telecom, water and similar services;
- workplace security and public safety; and
- ensuring workers have appropriate licences and training to undertake the construction work.

(f) The H&S plan must contain:

- a general description of the type of work activities involved in the project and not just a description of the facility to be constructed;
- the project program or schedule details, including start and finish dates, showing principal activities;
- details of client, design team, principal contractor, subcontractors, and major suppliers; and
- extent and location of relevant existing records, surveys, site investigation and geotechnical reports, 'as-built' plans, H&S files.

10. HEALTH AND SAFETY FILE

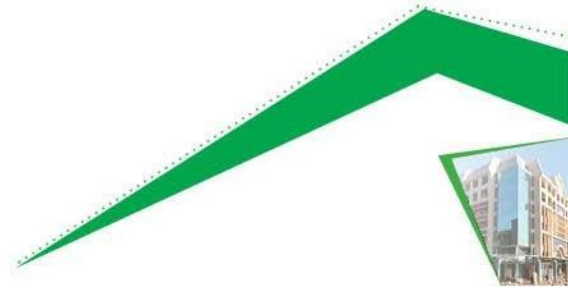
- a) The H&S file is a document prepared by the principal contractor containing important project H&S information for use by the owner of the completed structure after construction has been completed.
- b) The principal contractor is responsible for producing an H&S file. It contains important project H&S information for use by the owner of the completed structure after construction has been completed. It is essential that the process of compiling the file commences as early as possible to ensure sufficient time to gather the required information.



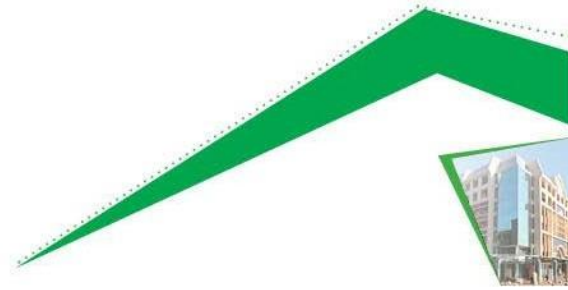
- c) The Principal Contractor must, in terms of Construction Regulation 7(7), keep a Health & Safety File on site at all times that must include all documentation required in terms of the Act and Regulations and must also include a list of all Contractors on site that are accountable to the Principal Contractor and the agreements between the parties and details of work being done. A more detailed list of documents and other legal requirements that must be kept in the Health & Safety File.
- d) The contractor must ensure that the client's format and layout of the H&S file is adhered to. The contractor must identify the responsible person that will prepare the H&S file and who will be responsible for the drafting of as-built drawings. The contractor must establish procedures:
- e) The Health and Safety File will remain the property of the Client and/or its Agent on its behalf throughout the period of the project and shall be consolidated and handed over to the Client and/or its Agent on its behalf at the time of completion of the project.
- f) The contractor shall establish and maintain on site a health and safety file which contains copies, as relevant of:

the following documents which shall be placed in the file prior to commencing with physical construction activities:

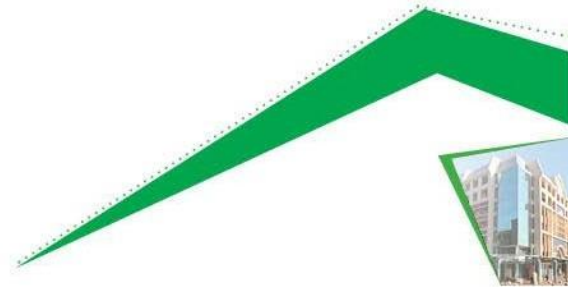
- copy of the contraction work permit issued in terms of the Construction Regulations 2014;
- the contractor's health and safety policy, signed by the chief executive officer, which outlines the contractor's objectives and how they will be achieved and implemented by the contractor;
- copies of all risk assessments that were conducted.
- the notification made to the Provincial Director of Labour, and if relevant, the notification of the person who supplies or contracts or agrees to supply electricity to that electrical installation;
- the letters of appointment, as relevant, together with a brief curricula vita (CV) of:
 - the construction manager and any assistant construction managers;
 - the construction health and safety manager
 - the construction health and safety officer
 - the risk assessor who is tasked to perform the risk assessments; and
 - the registered person responsible for the electrical installation covered by the Electrical Installations Regulations;
 - the authorised persons responsible for gas appliances, gas system gas reticulation system covered by the Pressure Equipment Regulations;



- a copy of the certificate of registration of the registered person responsible for the electrical installation covered by the Electrical Installations Regulations;
- the approval of the design of the part of an electrical installation which has a voltage in excess of 1 kV by a person deemed competent in terms of the Electrical Installations Regulations;
- proof of registration of the electrical contractor who undertakes the electrical installation in terms of the Electrical Installations Regulations;
- the preliminary hazard identification undertaken by a competent person;
- the organogram which outlines the roles of the construction supervisor's assistants and safety officers; and
- the contractor's health and safety plan;
- the emergency procedures;
- the procedure for the issuing and replacement of lost, stolen, worn or damaged personal protective clothing and equipment; and
- proof that the contractor and all the subcontractors are registered and in good standing with the compensation fund or with a licensed compensation insurer relevant to the type of work performed;
- the following documents, as relevant, which shall be placed in the file after construction activities have commenced;
- the letters of appointments, if relevant, together with a brief curricula vita (CV) of:
 - persons who are required to assist the construction supervisor;
 - construction supervisor for the site in respect of construction work covered by the Construction Regulations;
 - competent persons;
 - assistants of construction supervisor; and
 - designers of temporary works.
- any revisions to the organogram which outlines the roles of the construction supervisor's assistants and safety officers;
- each and every subcontract agreement and each and every subcontractor's approved health and safety plan;
- proof that every subcontractor is registered and in good standing with the compensation fund or with a licensed compensation insurer relevant to the type of work performed;
- proof of all subcontractor's induction training whenever it is conducted;
- copies of the minutes of the contractor's subcontractor's health and safety meetings;
- copies of each of the contractor's subcontractors' health and safety policy, signed by the chief executive officer, which outlines the contractor's objectives and how they will be achieved and implemented by the contractor;
- the health and safety plans of all the contractor's subcontractors who are required to provide such plans;
- copies of the fall protection plan and each revision thereof;
- a comprehensive and updated list of all the subcontractors employed on site by the contractor, indicating the type of work being performed by such sub-contractors;



- the outcomes of the monthly audits for compliance with the approved health and safety plan of each and every sub-contractor working on the site;
- any report made to an inspector by the health and safety committee;
- the minutes of all health and safety meetings and any recommendations made to the contractor by the health and safety committee;
- the findings of all audit reports made regarding the implementation of the contractor's or a subcontractor's health and safety plan;
- the inputs of the safety officer, if any, into the health and safety plan;
- details of induction training conducted whenever it is conducted including the list of attendees;
- proof of the following where suspended platforms are used:
 - a certificate of system design issued by a professional engineer, professional certificated engineer or a professional engineering technologist;
 - proof of competency of erectors, operators and inspectors;
 - proof of compliance of operational design calculations with requirements of the system design certificate;
 - proof of performance test results;
 - sketches indicating the completed system with the operational loading capacity of the platform;
 - procedures for and records of inspections having been carried out;
 - procedures for and records of maintenance work having been carried out;
 - proof that the prescribed documentation has been forwarded to the provincial director;
- letters of appointments for competent persons to supervise the activities which law requires to be so supervised;
- a copy of risk assessments made by competent persons;
- records of the register of inspections made by a competent person immediately before and during the placement of concrete or any other load on formwork;
- the names of the first aiders on site and copies of the first aid certificates of competency;
- the names of the persons who are in possession of valid certificate of competency in first aid and copies of such certificates;
- medical certificates of fitness for the contractor's and subcontractors' employees specific to the construction work to be performed and issued by an occupational health and safety practitioner:
 - details of all incidents together with the Contractor's investigative report on such incident;
 - the record of inspections carried out by the designers of structures to ensure compliance with designs; and
- any other documentation required in terms of regulations issued in terms of the Act including a record of all drawings, designs, materials used and other similar information concerning the completed structure;



- The health and safety file shall be made available for inspection by any inspector, subcontractor, the contract manager, the employer's health and safety agent or employee of the contractor upon the request of such persons.
- The health and safety file shall be updated to ensure that its contents always reflect the latest available information.
- The contractor shall hand over a copy of the health and safety file to the employer's health and safety agent upon completion of the contract and if relevant, a certificate of compliance accompanied by a test report for the electrical installation in accordance with the provisions of the Electrical Installation Regulations.

11. OH&S GOALS AND OBJECTIVES AND ARRANGEMENTS FOR MONITORING AND REVIEWING OH&S PERFORMANCE

The Principal Contractor is required to maintain an acceptable disabling incident frequency rate (DIFR) and report on this to the Client and/or its Agent on its behalf on a monthly basis.

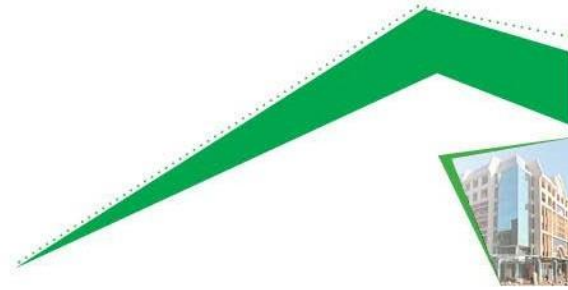
11.1 IDENTIFICATION OF HAZARDS AND DEVELOPMENT OF RISK ASSESSMENTS, STANDARD WORKING PROCEDURES (SWP) AND METHOD STATEMENTS

The Principal Contractor is required to develop Risk Assessments, Standard Working Procedures (SWP) and Method Statements for each activity executed in the contract or project.

The identification of hazards is over and above the hazards identification programme and those hazards identified during the drafting of the Health and Safety Plan.

11.1.1 Monthly Audit by Client and/or its H&S Agent.

The Client and/or its H&S Agent on its behalf will be conducting Periodic Audits at times agreed with the Principal Contractor Audit to comply with Construction Regulation 4(1)(d) to ensure that the principal Contractor has implemented, is adhering to and is maintaining the agreed and approved OH&S Plan.



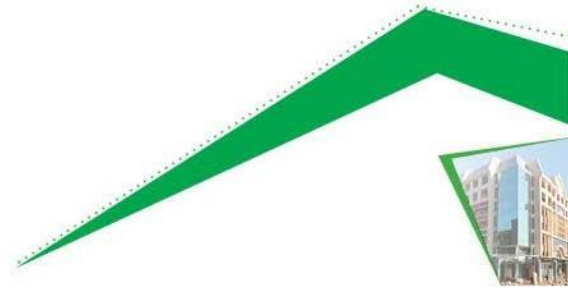
- a) A representative of the Principal Contractor and the relevant Health and Safety Representative(s) (SHE-Reps) must accompany the Client and/or its Agent on its behalf on all Audits and Inspections and may conduct their own audit/inspection at the same time. Each party will, however, take responsibility for the results of his/her own audit/inspection results. The Client and/or its Agent on its behalf may require to be handed a copy of the minutes of the previous Health and Safety Committee meeting reflecting possible recommendations made by that committee to the Employer for reference purposes.

11.1.2 Health & Safety incident/accident reporting & investigations

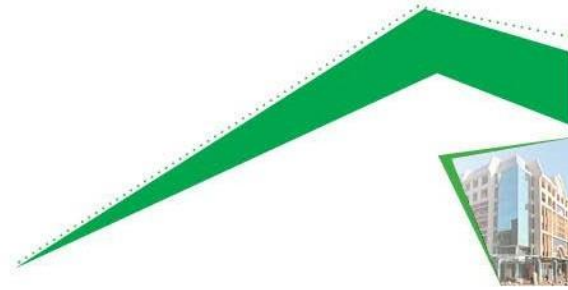
- a) The Principal Contractor shall report all incidents where an employee is injured on duty to the extent that he/she:
- i. dies
 - ii. becomes unconscious
 - iii. loses a limb or part of a limb
 - iv. is injured or becomes ill to such a degree that he/she is likely either to die or to suffer a permanent physical defect or likely to be unable for a period of at least 14 days either to work or continue with the activity for which he/she was usually employed

OR where:

- i. a major incident occurred
- ii. the health or safety of any person was endangered
- iii. where a dangerous substance was spilled
- iv. the uncontrolled release of any substance under pressure took place



- v. machinery or any part of machinery fractured or failed resulting in flying, falling or uncontrolled moving objects
 - vi. Machinery ran out of control, to the Provincial Director of the Department of Labour within seven days and at the same time to the Client and/or its Agent on its behalf.
- b) The Principal Contractor is required to provide the Client and/or its Agent on its behalf with copies of all statutory reports required in terms of the Act and the Regulations.
- c) The Principal Contractor is required to provide the Client and/or its Agent on its behalf with a monthly “SHE Risk Management Report”.
- d) The Principal Contractor is required to provide a.s.a.p. the Client and/or its Agent on its behalf with copies of all internal and external accident/incident investigation reports.
- The Principal Contractor is responsible to oversee the investigation of all accidents/incidents where employees and non-employees were injured to the extent that he/she/they had to receive first aid or be referred for medical treatment by a doctor, hospital or clinic. (General Administrative Regulation 9)
- (a) The results of the investigation to be entered into the Accident/Incident Register listed above. (General Administrative Regulation 9)
- (b) The Principal Contractor is responsible for the investigation of all non-injury incidents as described in Section 24 (1) (b) & (c) of the Act and keeping a record of the results of such investigations including the steps taken to prevent similar incidents in future.



- (c) The Principal Contractor is responsible for the investigation of all accidents relating to the construction site and keeping a record of the results of such investigations including the steps taken to prevent similar accidents in future.
- (d) Notwithstanding the requirements of Section 24 of the Act, ALL incidents shall be investigated and reported on in writing, irrespective of whether such incident gave rise to injury or damage.
- Determine the underlying H&S deficiencies and other contributory factors
 - Identification of corrective/preventative actions and continual improvement
 - Communicating the outcome/results and documenting the events of the investigation.

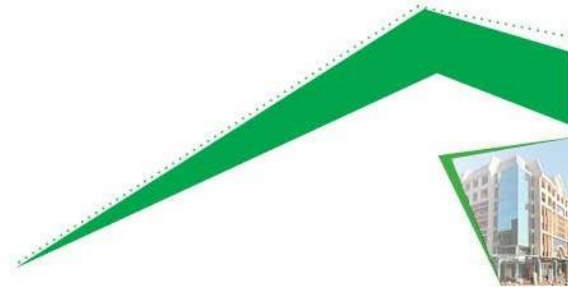
(e) Reporting of Near-Misses

- Department of Public Works and Infrastructure views the reporting of near misses as a critical component in creating a positive health and safety awareness culture on site.
- Department of Public Works and Infrastructure retains the right to enforce the reporting of nearmisses within 24 hours of occurrence.

12. Review

The Principal Contractor is to review the Hazard Identification, Risk Assessments and Standard Work Processes at each Production Planning and Progress Report meeting as the construction work develops and progresses and each time changes are made to the designs, plans and construction methods and processes.

The Principal Contractor must provide the Client and/or its Agent on its behalf, other Contractors and all other concerned parties with copies of any changes, alterations or amendments as contemplated in the above paragraph.



12.1 Site Rules and other Restrictions

a) Site OH&S Rules

The Principal Contractor must develop a set of site-specific OH&S rules that will be applied to regulate the Health and Safety Plan and associated aspects of the construction. When required for a site by law, visitors and non-employees upon entering the site shall be issued with the proper Personal Protective Equipment (PPE) as and when necessary.

b) Security Arrangements

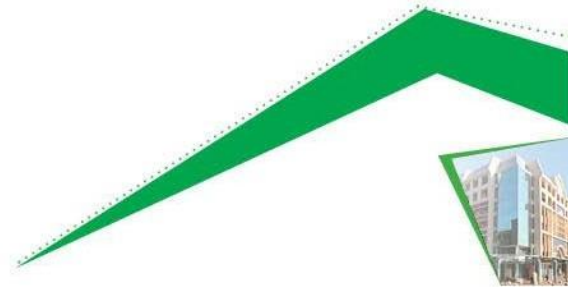
The Principal Contractor must establish site access rules and implement and maintain these throughout the construction period. Access control must include the rule that non-employees shall at all times be provided with fulltime supervision while on site. The Principal Contractor must develop a set of Security rules and procedures and maintain these throughout the construction period.

If not already tasked to the H&S Officer appointed in terms of Construction Regulation, the Principal Contractor must appoint a competent person who must develop contingency plans for any emergency that may arise on site as indicated by the risk assessments.

12.1.1 Appointment of Health & Safety Representatives

a) H&S Representatives ('SHE – Reps')

Where the Principal Contractor employs more than 20 persons (including the employees of other Contractors (sub-contractors) he has to appoint one H&S Representatives for every 50 employees or part thereof. (Section 17 of the Act and General Administrative Regulation 6. & 7.)



H&S Representatives must be appointed in writing and the designation shall be in accordance with the Collective Agreement as concluded between the parties as is required in terms of General Administration Regulation 6.

12.1.2 Duties and Functions of the H&S Representatives

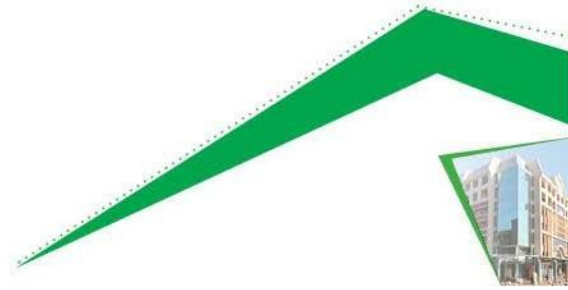
The contractor shall appoint in writing one health and safety representative for every 50 employees working on the site, whenever there are more than 20 employees on the site, to:

- conduct at least a weekly inspection of their respective areas of responsibility using a checklist developed by a Principal Contractor.
- review the effectiveness of health and safety measures;
- identify potential hazards and potential major incidents;
- in collaboration with his employer, examine the causes of incidents;
- investigate complaints by any employee of the contractor relating to that employee's health or safety on the site;
- make representations to the contractor on matters arising from a), b), c) or d) or on general matters affecting the health or safety of the employees at the workplace;
- inspect the site with a view to, the health and safety of employees, at regular intervals;
- participate in consultations with inspectors at the workplace and accompany inspectors on inspections of the workplace; and
- participate in any internal health or safety audit.

The report must be consolidated and submitted to the Health & Safety Committee.

H&S Representatives must form part of the incident/accident investigating team.

The contractor shall provide the health and safety representatives with the necessary assistance, facilities and training to carry out the functions established above.



12.1.3 Establishment of H&S Committee(s)

- The Principal Contractor must establish H&S Committees consisting of designated H&S Representatives together with a number of Employers Representatives appointed as per Section 19(3) that are not allowed to exceed the number of H&S Representatives on the committee.
- The persons nominated by the employer on a H&S Committee must be designated in writing for such period as may be determined by him. The H&S Committee shall co-opt advisory (temporary) members and determine the procedures of the meetings including the chairmanship.
- The H&S Committee must meet minimum monthly and consider, at least, an agreed Agenda for the first meeting. Thereafter the H&S Committee shall determine its own procedures.

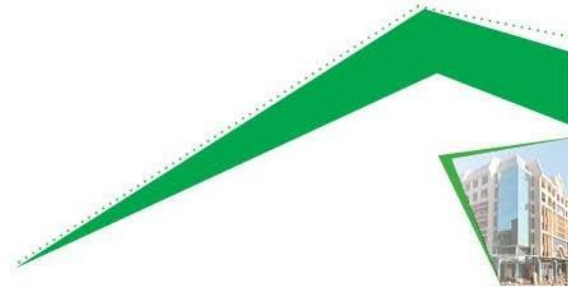
12.1.4 Training & Awareness

The contents and syllabi of all training required by the Act and Regulations including any other related or relevant training as required must be included in the Principal Contractor's Health and Safety Plan and Health and Safety File.

a) Training & Induction

All employees performing work or task on site that potentially impact on H&S must be competent & have the necessary appropriate education, training & experience.

All the training must be closely aligned with the risk profile of the project; procedures must be put in place to ensure that all workers are aware of the consequences of their work activities & benefits of improved H&S performance.



All employees of the Principal and other Contractors must be in possession of proof of General Induction training

b) Site Specific Induction Training

All employees of the Principal and other Contractors must be in possession of Site Specific Occupational Health and Safety Induction or other qualifying training.

c) Other Training

All operators, drivers and users of construction vehicles, mobile plant and other equipment must be in possession of valid proof of training.

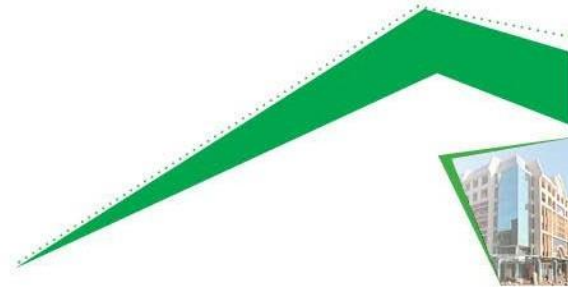
d) Copy of the Act

The contractor shall ensure that a copy of the Act and relevant regulations is available on site for inspection by any person engaged in any activity on the site.

13. PROJECT/SITE SPECIFIC REQUIREMENTS

The following is a list of specific activities and considerations that have been identified for the project and site and for which Risk Assessments, Standard Working Procedures (SWP), management and control measures and Method Statements (where necessary) have to be developed by the Principal Contractor:

- a) Clearing & grubbing the area/site
- b) Site establishment
- c) Dealing with existing structures
- d) Location of existing services
- e) Boundary & Access control/Public liability exposures
- f) Protection against heat exhaustion, dehydration, wet & cold conditions
- g) Dealing with HIV & aids other related diseases



- h) Use of portable electrical & explosive tools
- i) Any Excavation work
- j) Any welding work
- k) Loading & offloading of trucks
- l) Driving & operations of Construction vehicles & mobile plant
- m) Temporal works and
- n) Construction work as defined in the construction regulation 2014

14. OUTLINED DATA, REFERENCES AND INFORMATION ON CERTAIN AND/OR SPECIFIC OBLIGATORY REQUIREMENTS TO ENSURE COMPLIANCE

Administrative & Legal Requirements

OHS Act Section/ Regulation	Subject	Requirements
Construction. Regulation	Notice of carrying out Construction work	- Department of Labour notified - Copy of Notice available on Site
General Admin. Regulation 4	Copy of OH&S Act (Act 85 of 1993)	- Updated copy of Act & Regulations on site. - Readily available for perusal by employees.
COLD Act Section 80	Registration with Compensation Insurer.	Written proof of registration/Letter of good standing available on Site
Construction. Regulation 4 & 5(1)	H&S Specification & Programme	- H&S Spec received from Client and/or its Agent on its behalf - OH&S programme developed & Updated regularly
Section 8(2)(d) Construction. Regulation 7	Hazard Identification & Risk Assessment	- Hazard Identification carried out/Recorded - Risk Assessment and – Plan drawn up/Updated - RA Plan available on Site - Employees/Sub-Contractors informed/trained
Section 16(2)	Assigned duties (Managers)	Responsibility of complying with the OH&S Act assigned to other person/s by CEO.
Construction. Regulation 6(1)	Designation of Person Responsible on Site	- Competent person appointed in writing as - Construction Supervisor with job description
Construction. Regulation 6(2)	Designation of Assistant for above	- Competent person appointed in writing as - Assistant Construction Supervisor with job description
Section 17 & 18 General Administrative Regulations 6 & 7	Designation of Health & Safety Representatives	- More than 20 employees - one H&S Representative, one additional H&S Rep. for each 50 employees or part thereof. - Designation in writing, period and area of responsibility specified in terms of GAR 6 & 7 - Meaningful H&S Rep. reports. - Reports actioned by Management.
Section 19 & 20 General Administrative Regulations 5	Health & Safety Committee/s	- H&S Committee/s established. - All H&S Reps shall be members of H&S Committees - Additional members are appointed in writing. - Meetings held monthly, Minutes kept. - Actioned by Management.
Section 37(1) & (2)	Agreement with Mandatories/ (Sub-)Contractors	- Written agreement with (Sub-)Contractors - List of Subcontractors displayed. - Proof of Registration with Compensation Insurer/Letter of Good Standing - Construction Supervisor designated - Written arrangements re. - H&S Reps & H&S Committee - Written arrangements re. First Aid



Province of the EASTERN CAPE

Section 24 &
General Admin. Regulation 9
COIDA Act Sect.38, 39 & 41

PUBLIC WORKS & INFRASTRUCTURE

Reporting of Incidents
(Dept of Labour)

- Incident Reporting Procedure displayed.
 - All incidents in terms of Sect. 24 reported to the Provincial Director, Department of Labour, within 3 days. (Annexure 1) (WCL 1 or 2) and to the Client and/or its Agent on its behalf
 - Cases of Occupational Disease Reported
 - Copies of Reports available on Site
 - Record of First Aid injuries kept
- All injuries which resulted in the person receiving medical treatment other than first aid, recorded and investigated by investigator designated in writing.
 - Copies of Reports (Annexure 1) available on Site
 - Tabled at H&S Committee meeting
 - Action taken by Site Management.
- Competent person appointed to draw up the Fall Protection Plan
 - Proof of appointee's competence available on Site
 - Risk Assessment carried out for work at heights
 - Fall Protection Plan drawn up/updated
 - Available on Site
- Competent Person/s with specific knowledge and experience designated to supervise all Stacking & Storage
 - Written Proof of Competence of above appointee available on Site
- Person/s with specific knowledge and experience designated to co-ordinate emergency contingency planning and execution and fire prevention measures
 - Emergency Evacuation Plan developed:
 - Drilled/Practiced
 - Plan & Records of Drills/Practices available on Site
 - Fire Risk Assessment carried out
 - All Fire Extinguishing Equipment identified and on **register**.
 - Inspected weekly. Inspection Register kept
 - Serviced annually

General Admin. Regulation 9

Investigation and Recording of Incidents

Construction. Regulation 8

Fall Prevention & Protection

General Safety Regulation 8(1)(a)

Designation of Stacking & Storage Supervisor.

Construction. Regulation
Environmental Regulation 9

Designation of a Person to
Co-ordinate Emergency Planning
And Fire Protection



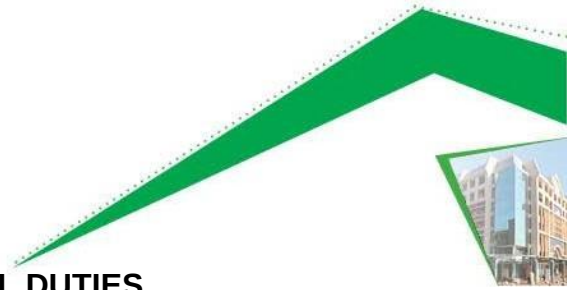
Province of the
EASTERN CAPE

General Safety Regulation 3

First Aid

PUBLIC WORKS & INFRASTRUCTURE

		• Every workplace provided with sufficient number of First Aid boxes. (Required where 5 persons or more are employed) • First Aid freely available • Equipment as per the list in the OH&S Act. • One qualified First Aider appointed for every 50 employees. (Required where more than 10 persons are employed) • List of First Aid Officials and Certificates • Name of person/s in charge of First Aid box/es displayed. • Location of First Aid box/es clearly indicated. • Signs instructing employees to report all • Injuries/illness including first aid injuries
General Safety Regulation 2	Personal Safety Equipment (PSE)	• PSE Risk Assessment carried out • Items of PSE prescribed/use enforced • Records of Issue kept • Undertaking by Employee to use/wear PSE • PSE remain property of Employer, not to be removed from premises GSR 2(4)
General Safety Regulation 9	Inspection & Use of Welding/Flame Cutting Equipment	• Competent Person/s with specific knowledge and experience designated to Inspect Electric Arc, Gas Welding and Flame Cutting Equipment • Written Proof of Competence of above appointee available on Site • All new vessels checked for leaks, leaking vessels NOT taken into stock but returned to supplier immediately • Equipment identified/numbered and entered into a register • Equipment inspected weekly. Inspection Register kept • Separate, purpose made storage available for full and empty vessels
General Safety Regulation 13A	Inspection of Ladders	• Competent person appointed in writing to inspect Ladders • Ladders inspected at arrival on site and weekly thereafter. Inspections register kept • Application of the types of ladders (wooden, aluminium etc.) regulated by training and inspections and noted in register
General Safety regulation 13B	Ramps	• Competent person appointed in writing to supervise the erection & inspection of Ramps. Inspection register kept. • Daily inspected and noted in register



15. THE PRINCIPAL CONTRACTOR'S GENERAL DUTIES

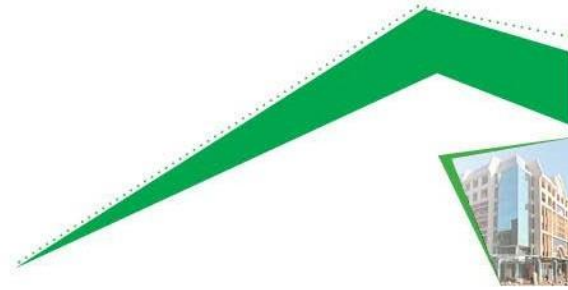
i. General

- The Principal Contractor shall at all times ensure his status of an “employer” as referred to in the Act, and will abide by his/her responsibilities, duties and functions as per the requirements of the Act and Regulations with specific reference to Section 8 of the Act.
- The Principal Contractor shall keep, and on demand make available, a copy of the Act on site at all times and in addition to that he/she will introduce and maintain a file titled “Health and Safety File”, or other record in permanent form, which shall contain all relevant aspects and information as contemplated in the Construction Regulations. He/she will make this file available to the client or his representative whenever necessary or on request to an interested party.
- The project under control of the Principal Contractor shall be subject to periodic health and safety audits that will be conducted by the client at intervals agreed upon between the Principal Contractor and the client, provided such intervals will not exceed periods of one month.
- The Principal Contractor is to ensure that he/she and all persons under his control on the construction site shall adhere to the above specifications.
- The Principal Contractor should note that he/she shall be held liable for any anomalies including costs and resulting deficiencies due to delays caused by non-conformance and/or non-compliance to the above Health and Safety Specifications and the Health and Safety Plan based on these specifications.

ii. Personal protective equipment and clothing

The contractor shall ensure that:

- all workers are issued with the necessary personal protective clothing;
- all workers are identifiable at all times by having the company for



- which they work for printed on the back or front of their overalls; and
- clear procedures are in place for the replacement of lost, stolen, worn or damaged personal protective clothing.

iii. Competent persons

The contractor shall appoint in writing competent persons to supervise or inspect, as relevant, any of the following:

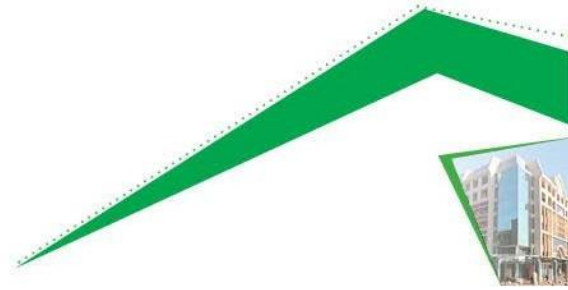
- formwork and support work operations;
- excavation work;
- demolition work;
- scaffolding work operations;
- suspended platform work operations;
- material hoists;
- bulk mixing plants;
- temporary electrical installations;
- the stacking and storage of articles on the site; and
- fire equipment.

The contractor shall appoint in writing competent persons to:

- induct employees in health and safety; and
- prepare and update as necessary a fall protection plan and to provide the construction manager with a copy of the latest version of such plan.

16. THE PRINCIPAL CONTRACTOR'S SPECIFIC DUTIES

The Principal Contractor's specific duties in terms of these specifications are detailed in the



Construction Regulations as published under government notice 07 August 2014, stipulated in Section 7.

17. THE PRINCIPAL CONTRACTOR'S SPECIFIC RESPONSIBILITIES WITH REGARD TO HAZARDOUS ACTIVITIES

The following examples of activities are identifiable as hazardous in terms of the Construction Regulations. The contractor shall execute the activities in accordance with the following Construction Regulations and other applicable regulations of the Act:

- Fall protection
- Structures
- Excavation work
- Demolition work
- Scaffolding
- Construction vehicles & mobile plant.
- Water environments
- Housekeeping on construction sites
- Fire precautions on construction sites.

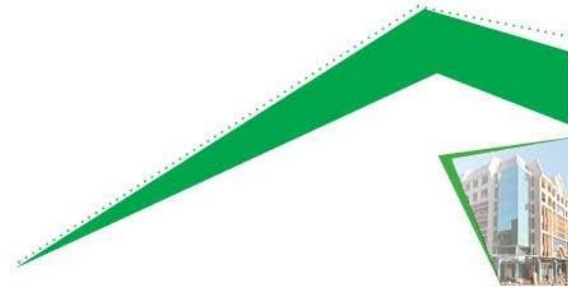
This list must not be taken to be exclusive or exhaustive! All of the above requirements will be read in conjunction with the relevant regulations and health and safety standards as required by the Act. All documents and records required by the Construction Regulations will be kept in the Health and Safety File and will be made available at any time when required by the client or his representative, or on request to an interested party.

18. GENERAL NOTES TO THE PRINCIPAL CONTRACTOR

i. Legal Framework

Part of legal obligations

The more important Acts and relevant subordinate/secondary legislation as well as



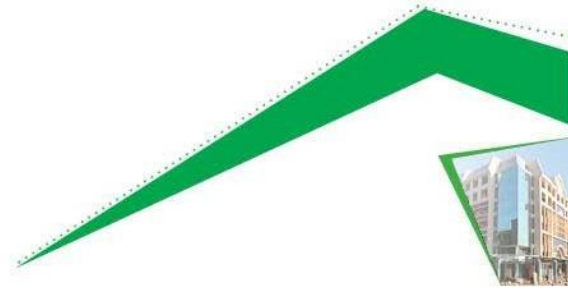
other (inter alia Local Government) legislation that also apply to the State as well as to State owned buildings and premises: -

- a. The latest issue of SABS 0142: "Code of Practice for the Wiring of Premises"
- b. The Local Government Ordinance 1939 (Ordinance 17 of 1939) as amended and the municipal by-laws and any special requirements of the local supply authority
- c. The Fire Brigade Services Act 1987, Act 99 of 1987 as amended
- d. The National Building Regulations and Building Standards Act 1977 (Act 103 of 1977) as amended and relevant proclaimed Regulations (SABS 0400)
- e. The Post Office Act 1958 (Act 44 of 1958) as amended
- f. The Electricity Act 1984, Act 41 of 1984
- g. The Regulations of Local Gas Board(s), including Publications of the SABS Standards and Codes of Practice, with specific reference to GNR 17468 dated 4th October 1997
- h. Legislation pertaining to water usage and the environment
- i. Legislation governing the use of equipment, which may emit radiation (e.g. X-Rays etc.)
- j. Common Law

ii. General requirements

The contractor shall:

- a) create and maintain as reasonably practicable a safe and healthy work environment,
- b) execute the work in a manner that complies with all the requirements of the Act and all its associated regulations, and in so doing, minimize the risk of incidents occurring;
- c) conspicuously display any site specific number assigned to the construction site in terms of the Construction Regulations 2014 at the main entrance to the site; and
- d) respond to the notices issued by the employer's health and safety agent as follows:
 - 1) Improvement Notice: improve health and safety performance over time so that repeat notices are not issued;
 - 2) Contravention Notice: rectify contravention as soon as possible;



Prohibition Notice: terminate affected activities with immediate effect and only recommence activities when it is safe to do so

Note: Financial penalties can be applied should Contravention Notices be issued. This should be dealt under the sub heading "NON-CONFORMANCES" in the same document.

19. HOUSE KEEPING

Good housekeeping will be maintained at all times as per Construction Regulation No. 25. Poor housekeeping contributes to three major problems, namely, costly or increased accidents, fire or fire hazards and reduction in production. Good housekeeping will enhance production time.

In promotion of environmental control all waste, rubble, scrap etc, will be disposed of at a registered dump site and records will be maintained. Where it is found to be impractical to use a registered dump site or it is not available, the Principal Contractor will ensure that the matter is brought to record with the client or his representative, after which suitable, acceptable alternatives will be sought and applied.

Dross and refuse from metals, and waste matters or by-products whose nature is such that they are poisonous or capable of fermentation, putrefaction or constituting a nuisance shall be treated or disposed of by methods approved of by an inspector.

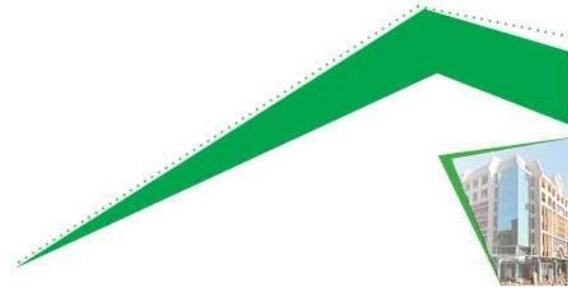
NOTE: No employer (Principal Contractor) shall require or permit any person to work at night or after hours unless there is adequate, suitable artificial lighting including support services in respect of Health and Safety.

a) Facilities

The site establishment plan shall make provision for:

b) Dining room facilities

The contractor shall make provision for adequate dining room facilities for his employees on site.



c) Change rooms

The contractor shall make provision for adequate change rooms for his employees on site.

d) Ablution facilities

The contractor shall make provision for adequate ablution facilities for his employees on site.

These facilities shall be maintained by the contractor.

e) Smoking Areas

Designated smoking areas shall be established by Department of Public Works and Infrastructure .

f) Drinking Water Facilities

The provision of drinking water facilities shall be negotiated between the Contractor and Department of Public Works and Infrastructure.

a) Equipment Compliance Certificates

Before equipment is brought on site valid certificates of compliance issued by a competent person shall be presented. The equipment includes but shall not be limited to:

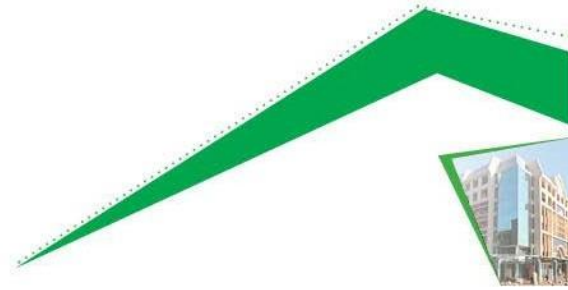
- i. lifting equipment and lifting tackle
- ii. power driven machinery
- iii. electrical equipment
- iv. testing and monitoring equipment

b) Barricading

All barricading shall be of the rigid type unless the use of non-rigid barricading has been approved in writing by the Department of Public Works and Infrastructure Project Manager. The contractors' barricading standard shall be included in the Health and Safety Plan.

Where more than one contractor is working on a site, the fixed barricading shall be clearly marked with the company's name, site contact person as well as the contact number/s.

c) Erection of Structures for Logistic Support



Prior to site establishment Department of Public Works and Infrastructure shall approve the contractor's site plan.

Department of Public Works and Infrastructure shall approve all structures erected for logistical support by the contractor. These structures include fences, workshops, tool sheds, offices, ablution facilities, etc.

d) Salvage Yard Management

Depending on the site specific arrangements and procedures, Department of Public Works and Infrastructure may provide the salvage yard and the resources to manage it.

The salvage yard management shall conform to safety, health and environmental requirements. The contractors are required to move the equipment from the place of work to the salvage yard.

e) Fall Arrest and Prevention Equipment

Approved fall prevention equipment shall be used at heights of less than 2.0 metres. Above heights of 2.0 metres fall prevention equipment shall include fall arrest Equipment. Users of fall arrest equipment shall, amongst other things be trained in what an appropriate load bearing point is for connecting fall prevention equipment.

Any deviation from this requirement shall be negotiated and agreed with Department of Public Works and Infrastructure in writing.

f) Hazardous Chemical Substances Waste Removal

Department of Public Works and Infrastructure shall provide a facility to collect all hazardous chemical waste material.

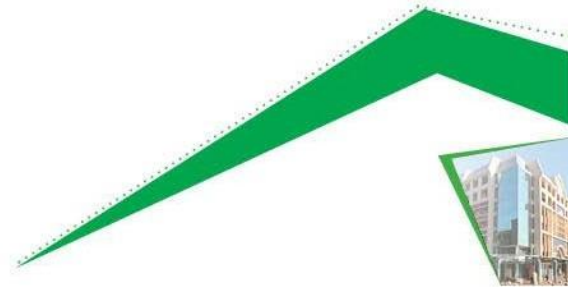
The contractor shall provide adequately marked and sealable containers to transport The hazardous chemical waste from the source to the approved Department of Public Works and Infrastructure disposal point.

g) Personal Protective Equipment (PPE)

Personal protective equipment issued shall be specific to the risks associated with the work to be performed and specific to conditions on site and shall comply with South African National Standards (SANS) or similar.

20. LOCKOUT SYSTEMS

A system of control shall be established in order that no unauthorized person can energize a circuit, open a valve, or activate a machine on which people are working or doing maintenance, even if equipment, plant or machinery is out of commission for any period, thus eliminating injuries and damage to people and equipment as far as is reasonably practicable.



Physical/mechanical lock-out systems shall be part of the safety system and included in training. Lockouts shall be tagged and the system tested before commencing with any work or repairs.

21. IMPORTANT LISTS AND RECORDS TO BE KEPT

The following are lists of several records that are to be kept in terms of the Construction Regulations. The lists are:

- i. List of appointments
- ii. List of record keeping responsibilities
- iii. Inspection checklist

a) Contractor Risk Assessment Process

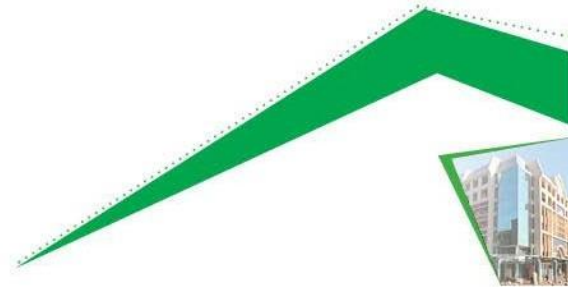
The risk assessment process shall include:

- 1) an evaluation of the method of the work to be conducted
- 2) the method statement on the procedure to be followed in performing the task shall be developed
- 3) the risk assessment will also include activities like:
 - i. Transportation of passengers and goods to and from site
 - ii. Site establishment
 - iii. Physical and mental capabilities of employees
 - iv. Others as may be specified.
- 4) the hazards as listed in the paragraph – Site Specific Health and Safety Hazards
- 5) a review plan for risk assessments shall provide for:
 - i. the quarterly review of all applicable risk assessments
 - ii. the review of an assessment if there is reason to believe that the previous assessment is no longer valid, or there has been a change in a process, work methods, equipment or procedures and working conditions
 - iii. Risk assessment/s to be reviewed if the outcome of incident investigations and audits etc. requires such action.

A pre - task risk assessment shall be conducted in writing on every task and be facilitated by the team leader. All risk assessments and pre-task risk assessments shall be filed and be available on site.

b) Risk Profile

All contractors shall submit a risk profile of the work to be conducted with their Health and Safety Plan.



c) Risk Based Inspection Program

The inspection programme shall be risk based. The inspection plan shall form part of the Health and Safety Plan.

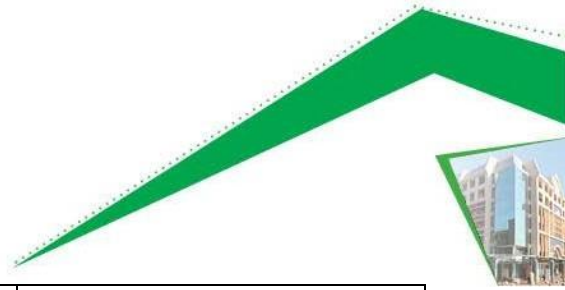
i. MEASUREMENT AND PAYMENT

The payment items for Occupational Health & Safety are contained in the Bill of Quantities. The same rules are applicable in respect of the pricing of these items as for every other payment item. Attention is drawn to the Pricing Instructions in this document.

ii. NON-CONFORMANCES

Should, at any time, the works, or part of the works, be stopped due to unsafe acts or non-compliance with the Clients or PCs H&S Plan; neither the PC nor any other Contractor shall have a claim for extension of time or any other compensation.

Minor: Penalty: R50/count	Medium: Penalty: R500/count and a non-conformance	Severe Penalty: R5000/count, a non-conformance and/or activity stoppage
Non-use of PPE supplied	Toilets not supplied or regularly serviced; lack of drinking water	Contractors working without Health and Safety Plan approval
Non completion of registers for plant and equipment on site	Contractors not audited	Workers transported in contravention of the OHS plan or legal requirements
Lack of H&S signage at work areas	Working without training or the appropriate, approved H&S method statements	Invalid Letters of Good Standing
Tools and equipment identified in poor condition during inspections	Legal non-conformances identified during the previous audit and not	Non-compliance with traffic accommodation requirements: layout or physical conditions



Minor: Penalty: R50/count	Medium: Penalty: R500/count and a non-conformance	Severe Penalty: R5000/count, a non-conformance and/or activity stoppage
	addressed within the agreed time frame	
	No monthly OHS report at site meeting to report on	Any serious breach of legal requirements
	No certificates of fitness for workers as required	
	Working without approved method statements	

4.8 Failure to Comply with Provisions

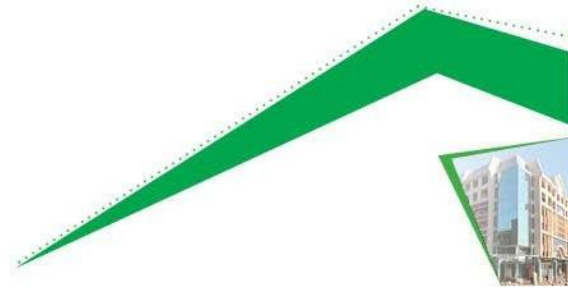
Failure or refusal on the part of the PC or their Contractors to take the necessary steps to ensure the safety of workers and the general public in accordance with these specifications or as required by statutory authorities or ordered by the engineer, shall be sufficient cause for the engineer to apply penalties as follows:

- (i) A penalty as shown in the Table above shall be deducted for each and every occurrence of non-compliance with any of the requirements of the H&S Specification.
- (ii) In addition a time-related penalty of R500,00 per hour over and above the fixed penalty may be deducted for non-compliance to rectify any non-conformance within the allowable time after a site instruction to this effect has been given by the Client's representative. The site instruction shall state the agreed time, which shall be the time in hours for reinstatement of the defects. Should the Contractor fail to adhere to this instruction, the time-related penalty shall be applied from the time the instruction was given.

The payment items for Occupational Health & Safety are contained in the Bill of Quantities. The same rules are applicable in respect of the pricing of these items as for every other payment item. Attention is drawn to the Pricing Instructions in this document.

iii. INSPECTIONS, FORMAL ENQUIRES AND INCIDENTS

1. The contractor shall inform the relevant safety representative:
 - i. beforehand of inspections, investigations or formal inquiries of which he has been notified by an inspector; and
 - ii. as soon as reasonably practicable of the occurrence of an incident on the site.
2. The contractor shall record all incidents and notify the employer's health and safety



agent of any incident, except in the case of a traffic accident on a public road, as soon as possible after it has occurred and report such incidence to an inspector of the department of labour and notify the Provincial Director of the Department of Labour of such incident within 7 days on the prescribed form.

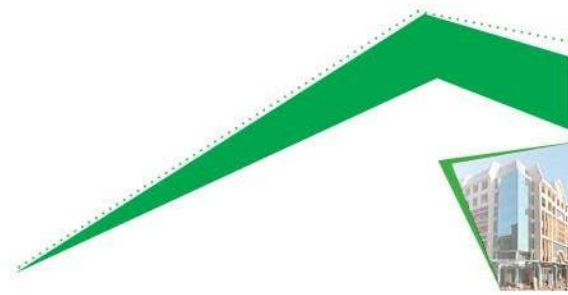
3. The contractor shall investigate all incidents and issue the employer's health and safety agent with copies of such investigations.
4. The contractor shall in the event of an incident in which a person dies, or is injured to such an extent that he is likely to die, or suffered the loss of a limb or part of a limb:
 - i. notify the Provincial Director of the Department of Labour of such incident by telephone, facsimile or similar means of communication;
 - ii. ensure that no person disturbs the site at which the incident occurred or remove any article or substance involved in the incident therefrom, without the consent of an inspector, unless an action is necessary to prevent a further incident, to remove the injured or dead, or to rescue persons from danger;
 - iii. and provide the Provincial Director of the Department of Labour with a report which includes the measures that the contractor or his subcontractor intend to implement to ensure a safe site as reasonably practicable.
5. The contractor shall notify the Provincial Director of the Department of Labour of the death of any person which results from injuries sustained in an incident.

iv. EMERGENCY PROCEDURES

The contractor shall submit for acceptance to the employer's health and safety agent an emergency procedure which include but are not limited to fire, spills, accidents to employees, exposure to hazardous substances, which:

- identifies the key personnel who are to be notified of any emergency;
- sets out details including contact particulars of available emergency services; and
- the actions or steps which are to be taken during an emergency.

The contractor shall within 24 hours of an emergency taking place notify the employer's health and safety agent in writing of the emergency and briefly outline what happened and how it was dealt with.



IMPORTANT CONTACT DETIALS

(FOR HEALTH & SAFETY ASPECTS ONLY)

The contractor is to add all the important contact information about essentials services, support and assistance.



SERVICE	NUMBER	CONTACT PERSON
Hospital		



Ambulance		



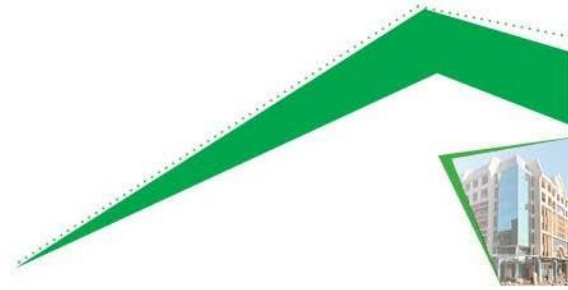
Water		
Electricity		



Police		



Fire Brigade		



Engineer		

ADD OTHER IMPORTANT HEALTH & SAFETY CONTACT DETAILS AS MAY BE FOUND NECESSARY.

**SECTION 37(2) AGREEMENTS
CONCLUDED BETWEEN
DEPARTMENT OF PUBLIC WORKS
AND INFRASTRUCTURE**

(Hereinafter referred to as Department of Public Works and Infrastructure)

AND

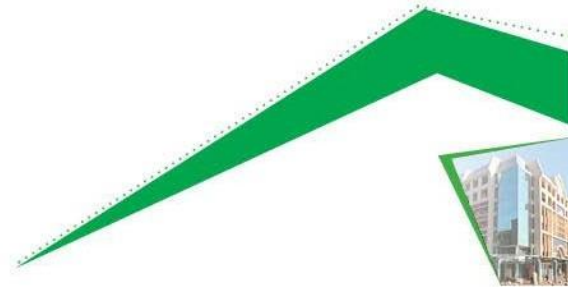
.....

(Name of contractor/supplier/Agent/)

I, [(name)representing [*Insert name of contractor/supplier*], do hereby acknowledge that [*insert name of contractor/supplier*] is an employer in his/her own right, with duties as prescribed in the Occupational Health and Safety Act No. 85 of 1993 ("the Act"), as amended, and agree to ensure that all work will be performed and/or machinery or plant used in accordance with the provisions of the Act.

I undertake that [*insert name of contractor/supplier*] shall strictly adhere to, and ensure that his/her employees adhere to, the provisions of the Occupational Health and Safety Act, 1993 (Act 85 of 1993).

I have been provided with SHE specifications for project/service [*insert brief details of project/service, for example, name, contract/project number*]and will comply with the requirements set out in these.



I accept and agree that the SHE specifications constitute arrangements and procedures between *[Insert name of contractor/supplier/Agent Safety Manager/Safety Officer]* and Department of Public Works and Infrastructure, which will ensure compliance by *[Insert name of contractor/supplier]* with the provisions of the Act, as contemplated in section 37(2) of the Act.

This agreement constitutes the sole agreement between the parties, and no variation, modification, or waiver of any of the provisions of this agreement or consent to any departure from these shall, in any manner, be of any force or effect, unless confirmed in writing and signed by both parties, and such variation, modification, waiver, or consent shall be effective only in the specific instance and for the specific purpose and to the extent for which it was made or given.

This agreement is signed on behalf of the parties, each signatory to this warranting that he/she has the requisite authority to do so.

Signed this day of 20..... at

..... (Place)

(Full name)..... (Signature)..... on

behalf of **(Supplier/contractor/Agent)**

Contractor Responsible Manager *(responsible for signing the Department of Public Works and Infrastructure'contract on behalf of the contractor)*

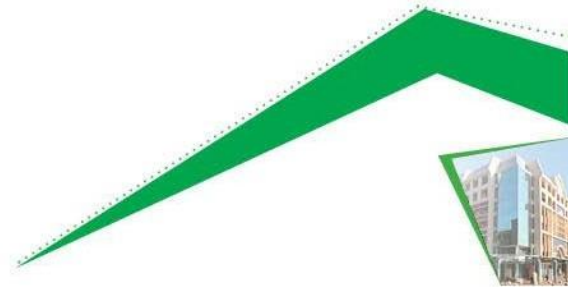
Witnesses

1.
2.

Signed this day of20.....



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at (Place)

(Full name (Signature) on

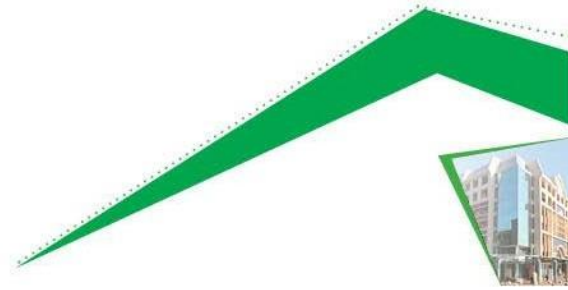
Behalf of **Department of Public Works and Infrastructure.**

(Contracts and/or Project Manager or Department of Public Works and Infrastructure representative)

Witnesses

1.

2.



PROJECT: _____
(full name AND site address of project)
(and full or proper description of project)

SCMU NO: _____

SUPERVISION BY THE DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE:

Mr /Ms/Me - **CONSTRUCTION PROJECT MANAGER**
(add full details of the project manager)

.....
.....

Mr /Ms/Me - **CONSTRUCTION MANAGER**
(add full details)

.....
.....

Mr /Ms/Me **PRINCIPAL AGENT:**
(full particulars of agent)

.....
.....

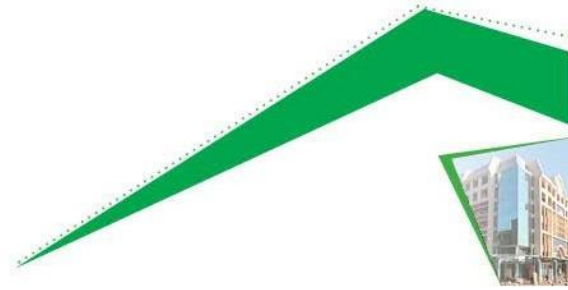
SUPERVISION BY THE PRINCIPAL CONTRACTOR:

PRINCIPAL CONTRACTOR: (full particulars of principle contractor / contractor)

Mr /Ms/Me - **CONSTRUCTION HEALTH & SAFETY OFFICER**
(add full details and contact of this officer)

.....
.....

Mr /Ms/Me - **CONSTRUCTION HEALTH & SAFETY MANAGER**
(add full details of this officer)



.....
.....

Mr /Ms/Me

- **CONSTRUCTION HEALTH & SAFETY AGENT**
(add full details of this officer)

.....
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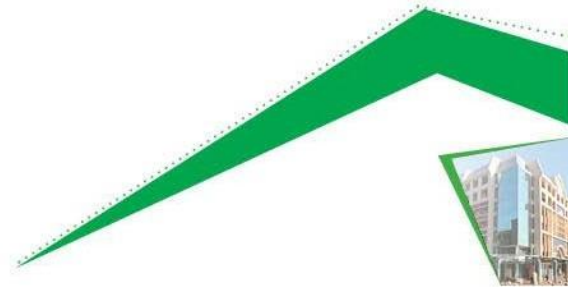
Mr /Ms/Me

- **CONSTRUCTION MANAGER**
(add full details of the head of the project)

.....
.....

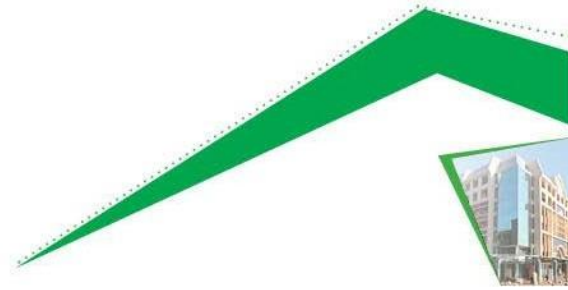


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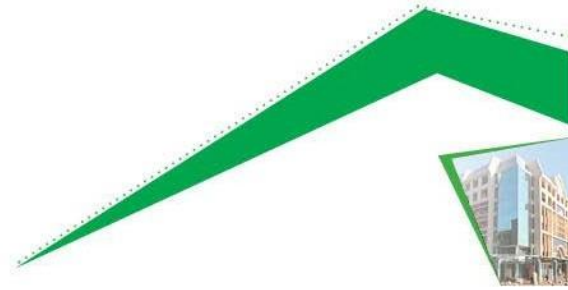


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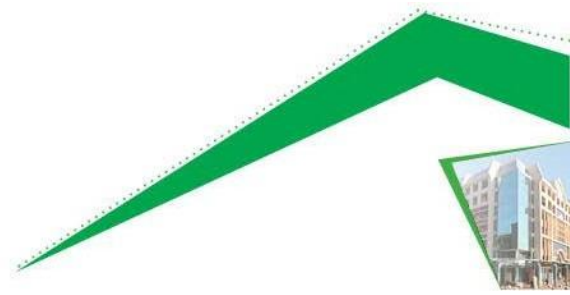


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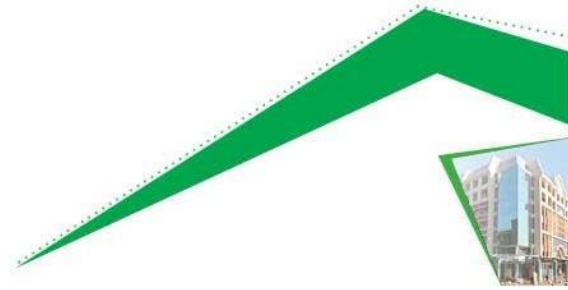


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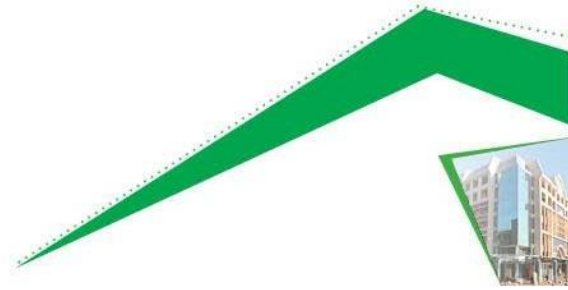


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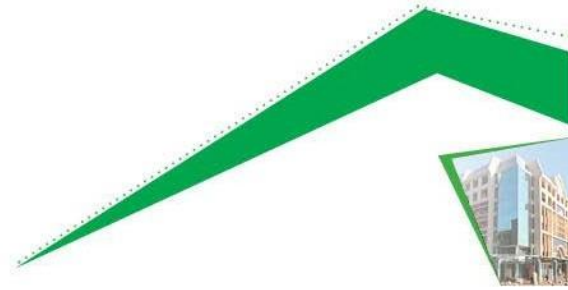


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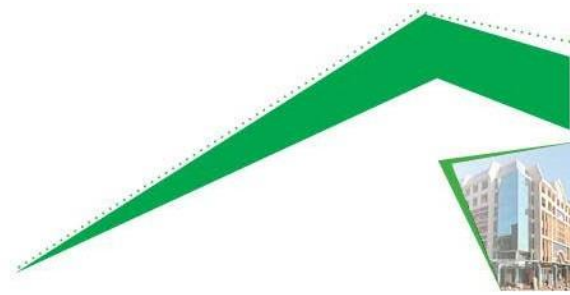


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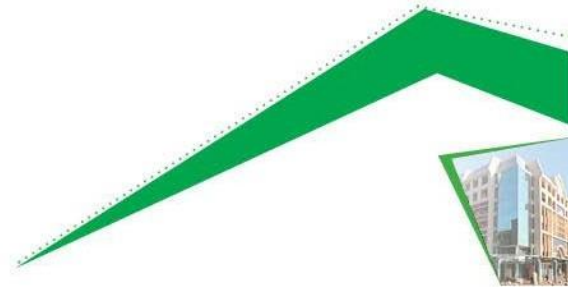


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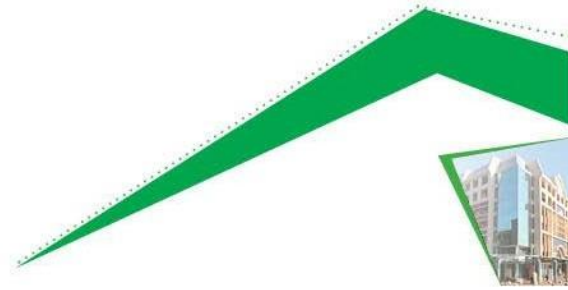


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