



03/07/2025
Matuleke NR
public works
& infrastructure

Department:
Public Works and Infrastructure
REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF LABOUR

BILL OF QUANTITIES

FOR

BUILDING WORKS

FOR

ERMELO LABOUR CENTRE

TENDER NO: H25/005/A1

JULY 2025

ISSUED BY:



DEPARTMENT OF PUBLIC WORKS
Private Bag X11280
Nelspruit
1200
Contact person:
Mrs Matsie Serogole (Project manager)
Tel: 013 753 6377

NAME OF BIDDER:

TENDER DOCUMENT FOR BUILDING WORKS FOR ERMELO LABOUR CENTRE

EMPLOYER

Department of Public Works

Private Bag X11280

NELSPRUIT

1200

Tel number: +27 13 753 6377

E-mail:

ARCHITECTS

Tectura International

3rd Floor, Block A Norfork HSE Sandton Close

SANDTON

2145

Tel number: +27 11 783 2084

E-mail: thomas@tecturai.com

PRINCIPAL AGENTS

Tectura International

3rd Floor, Block A Norfork HSE Sandton Close

SANDTON

2145

Tel number: +27 11 783 2084

E-mail: thomas@tecturai.com

QUANTITY SURVEYORS

Department of Public Works

Private Bag X11280

NELSPRUIT

1200

Tel number: +27 13 753 6335

E-mail: Dive.africa@dpw.co.za

STRUCTURAL ENGINEERS

Nako Lategan Bouwer Engineers t/a Nako
LBE

203 Witch-Hazel Avenue
Highveld Techno Park

CENTURION

0157

Tel number: +27 12 665 3102

E-mail: Nolan.pillay@nakogoup.com

CIVIL ENGINEERS

TMS Consulting Engineers & Project
Management

18 Alcrest Building, Cnr MC Adam & Rothery
Street

NELSPRUIT

Tel number: +27 13 752 8478

E-mail: info@tmsconsulting.co.za

MECHANICAL ENGINEERS

HDM Engineering (Pty) Ltd

1030 Shirley Road
Eldoraigne X1

CENTURION

0157

Tel number: +27 12 665 1339

E-mail: thato@hdmeng.co.za

ELECTRICAL ENGINEERS

Indeyebo Engineering & Project Management

Unit 2 Norma Jean Square
244 Jean Avenue

CENTURION

0157

Tel number: +27 12 664 1031

E-mail: info@indyeboprojects.co.za

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YOU ARE HEREBY INVITED TO BID TO THE GOVERNMENT OF THE REPUBLIC OF SOUTH AFRICA

PLEASE TAKE NOTE

BID NUMBER: H25/005 AI

CLOSING TIME: SHARP 11:00

CLOSING DATE: 28 JULY 2025

BIDS RECEIVED AFTER THE CLOSING TIME AND DATE ARE LATE AND WILL, AS A RULE NOT BE ACCEPTED FOR CONSIDERATION

The **Bid Form** must be completed and signed in the original that is in ink. Forms with photocopied signatures or other such reproduction of signatures may be rejected.

BID DOCUMENTS MAY BE POSTED TO

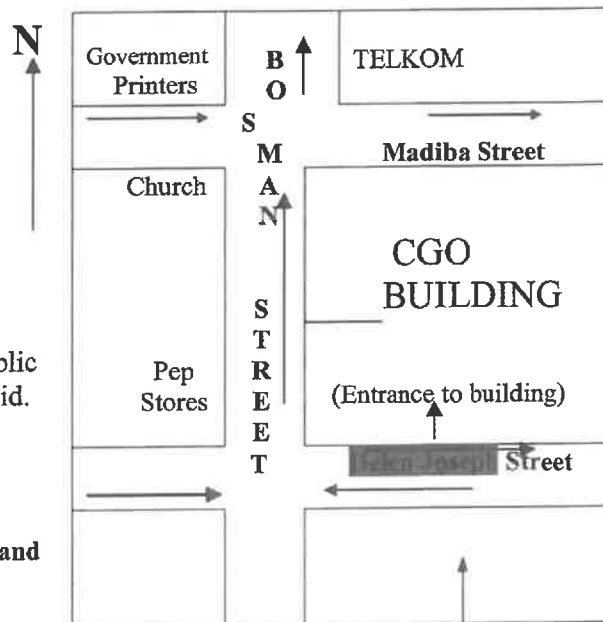
DIRECTOR-GENERAL
Department of Public Works
Private Bag X65
PRETORIA
0001

ATTENTION: TENDER SECTION:
Central Government office: Room 121

Bid documents that are posted must reach the Department of Public Works: Tender section, before 11:00 on the closing date of the bid.

OR

The bid documents may be deposit at the Dept of Public Works : Head Office: **Room 121, Central Government Office (CGO) c/o Bosman and Madiba street.**(Entrance Madiba Street) Pretoria,0001



The Head Office of the Department of Public Works is open **Mondays to Fridays**
07:30 – 12:30 / 13:30 – 15:30. However, if the bid is late, it will, as a rule not be accepted for consideration.

Bidders should ensure that bids are delivered timeously to the correct address.

SUBMIT ALL BIDS ON THE OFFICIAL FORMS - DO NOT RETYPE.

Bids by telegram, facsimile or other similar apparatus will not be accepted for consideration.

**SUBMIT EACH BID IN A SEPARATE SEALED ENVELOPE,
INDICATING THE TENDER NR. CLOSING DATE AND YOUR COMPANY NAME**

The Government Tender Bulletin is available on the Internet on the following web sites:

1. <http://www.treasury.gov.za>
2. <http://www.info.gov.za/documents/tenders/index.htm>

VOLUME 1
TENDERING PROCEDURES

T1.1

TENDER NOTICE AND INVITATION TO TENDER

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

THE DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE INVITES TENDERS FOR:

Project title:	Department of Labour: Nelspruit Regional Office: Ermelo: Construction of Labour Centre
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Tender no:	H25/005/AI	Reference no:	
Advertising date:	04/07/2025	Closing date:	28/07/2025
Closing time:	11:00	Validity period:	84 Calendar days

1. REQUIRED CIDB GRADING

It is estimated that tenderers should have a CIDB contractor grading designation of **7 GB** or **select tender value range select class of construction works*** or higher.

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

It is estimated that potentially emerging enterprises should have a CIDB contractor grading designation of **select tender value range select class of construction works PE** or **select tender value range select class of construction works PE*** or higher.

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

2. FUNCTIONALITY CRITERIA APPLICABLE YES ☒ NO ☐

Note 1: Failure to meet minimum functionality score will result in the tenderer being disqualified.

Functionality criteria ¹ :	Weighting factor:												
<p>1. COMPANY EXPERIENCE: Bidders are required to submit a list of similar or comparable projects completed in the past 10 years, each project with a value of CIDB Grade 6GB or higher. A minimum of two (2) or more projects must be provided, along with practical completion certificates for each, issued on the client's official letterhead and including the client's contact details for reference purposes.</p> <table> <tr> <td>6 or more similar/comparable completed projects</td><td>= 5 Points</td></tr> <tr> <td>5 similar/comparable completed projects</td><td>= 4 Points</td></tr> <tr> <td>4 similar/comparable completed projects</td><td>= 3 Points</td></tr> <tr> <td>3 similar/comparable completed projects</td><td>= 2 Points</td></tr> <tr> <td>2 similar/comparable completed projects</td><td>= 1 Point</td></tr> <tr> <td>0 to 1 similar/comparable completed projects</td><td>= 0 Point</td></tr> </table> <p>Note:</p> <p>1. Similar/ comparable projects means greenfields projects, refurbishments and upgrades. Ablution facilities, low cost housing projects and school building projects will not be considered.</p> <p>2. No reference letters should be submitted.</p> <p>3. If the contactable reference is not available when contacted, points for that project will not be awarded.</p>	6 or more similar/comparable completed projects	= 5 Points	5 similar/comparable completed projects	= 4 Points	4 similar/comparable completed projects	= 3 Points	3 similar/comparable completed projects	= 2 Points	2 similar/comparable completed projects	= 1 Point	0 to 1 similar/comparable completed projects	= 0 Point	30
6 or more similar/comparable completed projects	= 5 Points												
5 similar/comparable completed projects	= 4 Points												
4 similar/comparable completed projects	= 3 Points												
3 similar/comparable completed projects	= 2 Points												
2 similar/comparable completed projects	= 1 Point												
0 to 1 similar/comparable completed projects	= 0 Point												

¹The points allocated to each functionality criterion should not be generic but should be determined separately for each tender on a case by case basis.

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

<p>2. HUMAN RESOURCE 1: Professional Construction Manager registered with SACPCMP with a minimum of 4 years experience in building projects in the construction industry</p> <p>1) More than 10 years post qualifications experience = 5 points 2) 8 to 9 years post qualifications experience = 4 points 3) 6 to 7 years post qualifications experience = 3 points 4) 4 to 5 years post qualifications experience = 2 points 5) less than 4 years post qualifications experience = 0 points</p>	25
<p>3. HUMAN RESOURCE 2: Professional Quantity Surveyor registered with SACQSP with a minimum of 4 years experience in building projects in the construction industry</p> <p>1) More than 10 years post qualification experience = 5 points 2) 8 to 9 years post qualification experience = 4 points 3) 6 to 7 years post qualification experience = 3 points 4) 4 to 5 years post qualification experience = 2 points 5) less than 4 years post qualification experience = 0 points</p>	25
<p>4. Financial Capability, the service provider to submit bank rating from the bank with the bank letterhead and original bank stamp.</p> <p>Bank Rating "A" = 5 Points Bank Rating "B" = 4 Points Bank Rating "C" = 3 Points Bank Rating "D" = 2 Points Bank Rating "E" = 1 Point</p> <p>Note: 1. In case of JV, the lead partner's bank rating will be considered 2. Only letters with rating A,B,C,D and E will be scored 3. No digital/systematic stamp will be accepted.</p>	20
Total	100 Points

(Weights for functionality must add up to 100. Weightings will be multiplied by the scores allocated during the evaluation process to arrive at the total functionality points)

Minimum functionality score to qualify for further evaluation:	60
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(Total minimum qualifying score for functionality is 50 Percent, any deviation below or above the 50 Percent, provide motivation below)

The project is complex and a competent, capable service provider is required to successfully complete the project.

3. THE FOLLOWING EVALUATION METHOD FOR RESPONSIVE BIDS WILL BE APPLICABLE:

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

<input type="checkbox"/> Method 1 (Financial offer)	<input checked="" type="checkbox"/> Method 2 (Financial and Preference offer)
-----------------------------------------------------	-------------------------------------------------------------------------------

3.1. Indicate which preference points scoring system is applicable for this bid:

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

4. RESPONSIVENESS CRITERIA

4.1. Indicate substantive responsiveness criteria applicable for this tender. Failure to comply with the criteria stated hereunder shall result in the tender offer being disqualified from further consideration:

1	<input checked="" type="checkbox"/>	Only those tenderers who satisfy the eligibility criteria stated in the Tender Data may submit tenders.
2	<input checked="" type="checkbox"/>	Tender offer must be properly received on the tender closing date and time specified on the invitation, completed either electronically (if issued in electronic format), or by writing legibly in non-erasable ink. (All as per Standard Conditions of Tender).
3	<input checked="" type="checkbox"/>	Use of correction fluid is prohibited.
4	<input type="checkbox"/>	Submission of a signed bid offer as per the DPW-07 (EC).
5	<input checked="" type="checkbox"/>	Submission of DPW-09 (EC): Particulars of Tenderer's Projects.
6	<input checked="" type="checkbox"/>	Bidders must comply with DPW-21 (EC): Record of Addenda to tender documents, if any.
7	<input checked="" type="checkbox"/>	Submission of DPW-16 signed by the authorised official and completion of bid briefing attendance register. A compulsory site briefing is necessary to clarify the latest tender documentation, project requirements and to avoid unnecessary errors and omissions, therefore potential bidders must attend. The proof of attendance shall include both of the following legitimate documents: (1) A signed DPW-16 certificate and fully completed Attendance register during the site briefing. Failure to attend the briefing session will automatically disqualify the bidder.
8	<input type="checkbox"/>	The tenderer shall submit his fully priced Bills of Quantities / Lump Sum Document (complete document inclusive of all parts) together with his tender.
9	<input checked="" type="checkbox"/>	The tenderer shall submit his fully priced and completed sectional summary- and final summary pages with the tender.
10	<input checked="" type="checkbox"/>	Bidder must have a minimum of two (2) completed projects similar/comparable related projects from the value of CIDB Grade 6GB or higher and submit practical completion certificate/s for completed projects.
11	<input checked="" type="checkbox"/>	The Professional Quantity Surveyor and Professional Construction Manager with a minimum of four (4) years post qualifications experience
12	<input checked="" type="checkbox"/>	Copies of BTech/BSc or higher qualifications and Valid Professional registration with the South African Council for the Project and Construction Management Professions (SACPCMP) for CM and the South African Council for the Quantity Surveying Professions (SACQSP) for QS.
13	<input type="checkbox"/>	
14	<input type="checkbox"/>	
15	<input type="checkbox"/>	

4.2. Indicate administrative requirements applicable for this tender. Tenderers may be required to submit the below documents where applicable.

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

1	<input checked="" type="checkbox"/>	Any correction to be initialled by the person authorised to sign the tender documentation as per PA 15.1 or PA 15.2 resolution of board/s of directors / or PA15.3 Special Resolution of Consortia or JV's.
2	<input checked="" type="checkbox"/>	Submission of applicable (PA-15.1, PA-15.2, PA-15.3): Resolution by the legal entity, or consortium / joint venture, authorising a dedicated person(s) to sign documents on behalf of the firm / consortium / joint venture.
3	<input checked="" type="checkbox"/>	All parts of tender documents submitted must be fully completed in ink and signed where required.
4	<input checked="" type="checkbox"/>	Submission of (PA-11): Bidder's disclosure
5	<input checked="" type="checkbox"/>	Submission of PA-16.1 (EC): Ownership Particulars
6	<input checked="" type="checkbox"/>	Submission of documentation relating to risk assessment criteria as contained in C 2.1 of DPW-03 Tender Data.
7	<input checked="" type="checkbox"/>	Submission of (PA 40): Declaration of Designated Groups.
8	<input checked="" type="checkbox"/>	Submission of proof of Registration on National Treasury's Central Supplier Database (CSD). Insert the Supplier Registration Number on the form of offer, including proposed sub-contractors if any
9	<input checked="" type="checkbox"/>	Data provided by the tenderer in Part 2 of DPW-04 Contract Data (JBCC 2018) or DPW-05 Contract Data (GCC 2015) whichever applicable to be fully completed.
10	<input checked="" type="checkbox"/>	The tenderer shall submit his fully priced Bills of Quantities (complete document inclusive of all parts) within 14 calendar days from request.
11	<input checked="" type="checkbox"/>	Upon request, submission of fingerprints obtainable from local SAPS including any other additional documentation and information required for vetting purposes.
12	<input type="checkbox"/>	Upon request, submission of a fully completed security clearance application form with supporting documentation and information as required. The security clearance form will be provided by the Employer for projects requiring a security clearance.
13	<input checked="" type="checkbox"/>	Sworn affidavit, which indicate that if one key personnel resign from the company, the company should replace with the same qualification
14	<input checked="" type="checkbox"/>	Submission of a signed bid offer as per the DPW-07(EC
15	<input checked="" type="checkbox"/>	Submission of DPW-21 (EC): Record of addenda of tender documents: Bidders may be requested to confirm receipt or compliance with the Record of addenda if the Record of addenda was not submitted with the bid at the closing date. (only if applicable
16	<input checked="" type="checkbox"/>	Provide copies of CVs and valid professional registration certificate of Professional Quantity Surveyor and Professional Construction Manager.
17	<input type="checkbox"/>	
18	<input type="checkbox"/>	

4.3. Indicate administrative requirements applicable for specific goals, Tenderers will not be required to submit the below document if not provided in the original tender proposals, Failure to comply with the criteria stated hereunder shall result in the tenderer not allocated points for specific goals.

1	<input checked="" type="checkbox"/>	Submission of (PA-16): Preference Points Claim Form in terms of the Preferential Procurement Regulations 2022
2	<input checked="" type="checkbox"/>	A trust, consortium or joint venture (including unincorporated consortia and joint ventures) must submit a consolidated B-BBEE Certificate issued by a SANAS accredited service provider

5. METHOD TO BE USED TO CALCULATE POINTS FOR SPECIFIC GOALS:

☐ **5.1. For procurement transaction with rand value greater than R1 Million and up to R50 Million (Inclusive of all applicable taxes) the specific goals listed in table 1 below are applicable.**

Table 1

Serial No	Specific Goals	Preference Points Allocated out of 20	Documentation to be submitted by bidders to validate their claim
1.	An EME or QSE which is at least 51% owned by black people (Mandatory)	10	<ul style="list-style-type: none"> SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.
2.	Located in a specific Local Municipality or District Municipality or Metro or Province area for work to be done or services to be rendered in that area (Mandatory)	2	<ul style="list-style-type: none"> Official Municipal Rates Statement which is in the name of the bidder. <p>Or</p> <ul style="list-style-type: none"> Any account or statement which is in the name of the bidder. <p>Or</p> <ul style="list-style-type: none"> Permission to Occupy from local chief in case of rural areas (PTO) which is in the name of the bidder. <p>Or</p> <ul style="list-style-type: none"> Lease Agreement which is in the name of the bidder.
3.	An EME or QSE or any entity which is at least 51% owned by black women (Mandatory)	4	<ul style="list-style-type: none"> SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.
4.	An EME or QSE or any entity which is at least 51% owned by black people with disability (Mandatory)	2	<ul style="list-style-type: none"> SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable. <p>and</p>

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

			<ul style="list-style-type: none"> Medical Certificate indicating that the disability is permanent. <p>Or</p> <ul style="list-style-type: none"> South African Social Security Agency (SASSA) Registration indicating that the disability is permanent. <p>Or</p> <p>National Council for Persons with Physical Disability in South Africa registration (NCPDPSA).</p>
5.	An EME or QSE or any entity which is at least 51% owned by black youth (Mandatory)	2	<ul style="list-style-type: none"> ID Copy and SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.



8.2. For procurement transaction with rand value greater than R50 Million (Inclusive of all applicable taxes) the specific goals listed in table 2 below are applicable.

NB. The use of one of goal numbers' 4 or 5 is mandatory. The BSC must select either one of the two, but not both.

Table 2

Serial No	Specific Goals	Preference Points Allocated out of 10	Documentation to be submitted by bidders to validate their claim
1.	An EME or QSE or any entity which is at least 51% owned by black people (Mandatory)	4	<ul style="list-style-type: none"> SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.
2.	Located in a specific Local Municipality or District Municipality or Metro or Province area for work to be done or services to be rendered in that area (Mandatory)	2	<ul style="list-style-type: none"> Official Municipal Rates Statement which is in the name of the bidder. <p>Or</p> <ul style="list-style-type: none"> Any account or statement which is in the name of the bidder. <p>Or</p> <ul style="list-style-type: none"> Permission to Occupy from local chief in case of rural areas (PTO) which is in the name of the bidder. <p>Or</p>

				<ul style="list-style-type: none"> Lease Agreement which is in the name of the bidder.
	3.	An EME or QSE or any entity which is at least 51% owned by black women (mandatory)	2	<ul style="list-style-type: none"> SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.
	4. <input type="checkbox"/>	An EME or QSE or any entity which is at least 51% owned by black people with disability (Mandatory)	2	<ul style="list-style-type: none"> SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable. <p>and</p> <ul style="list-style-type: none"> Medical Certificate indicating that the disability is permanent. <p>Or</p> <ul style="list-style-type: none"> South African Social Security Agency (SASSA) Registration indicating that the disability is permanent. <p>Or</p> <p>National Council for Persons with Physical Disability in South Africa registration (NCPDPSA).</p>
	OR			
	5. <input checked="" type="checkbox"/>	An EME or QSE or any entity which is at least 51% owned by black youth (Mandatory)	2	<ul style="list-style-type: none"> ID Copy and SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.

Black people mean Africans, Coloureds and Indians, who - (a) are citizens of the Republic of South Africa by birth or descent; or (b) became citizens of the Republic of South Africa by naturalisation - (i) before 27 April 1994; or (ii) on or after 27 April 1994 and who would have been entitled to acquire citizenship by naturalisation prior to that date. (BROAD-BASED BLACK ECONOMIC EMPOWERMENT ACT No 25899, 2003 of 9 JANUARY 2004).

6. BID EVALUATION METHOD

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

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

Page 7 of

<input type="checkbox"/> 80/20 Preference points scoring system	<input checked="" type="checkbox"/> 90/10 Preference points scoring system	<input type="checkbox"/> Either 80/20 or 90/10 Preference points scoring system
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In case where below/above R 50 000 000 is selected, the lowest acceptable tender will be used to determine the applicable preference point system.

7. ELIGIBILITY IN RESPECT OF RISK TO THE EMPLOYER:

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

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

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

7.1 Technical risks:

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

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

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

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

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

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

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

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

Criterion 3: Suitably qualified and appropriately experienced human resources

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

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

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

7.2 Commercial risks:

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

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

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

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

(a)	Minimum Targeted Local Manufacturers of Material Contract Participation Goal, in accordance with the cidb Standard for Contract Participation Goals for Targeting Enterprises and Labour through Construction Works Contracts as published in the Government Gazette Notice No. 41237 of 10 November 2017, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract.	Applicable
(b)	Minimum Targeted Local Building Material Suppliers Contract Participation Goal in accordance with the cidb Standard for Contract Participation Goals for Targeting Enterprises and Labour through Construction Works Contracts as published in the Government Gazette Notice No. 41237 of 10 November 2017, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract.	Applicable
(c)	Minimum Targeted Local Labour Skills Development Contract Participation Goal in accordance with the cidb Standard for Contract Participation Goals for Targeting Enterprises and Labour through Construction Works Contracts as published in the Government Gazette Notice No. 41237 of 10 November 2017, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract.	Applicable
(d)	cidb BUILD Programme: Minimum Targeted Enterprise Development Contract Participation Goal in accordance with the cidb Standard for Indirect Targeting for Enterprise Development through Construction Works Contracts, No 36190 Government Gazette, 25 February 2013, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract.	Applicable
(e)	cidb BUILD Programme: Minimum Targeted Local Labour Skills Development Contract Participation Goal in accordance with the cidb Standard for Contract Participation Goals for Targeting Enterprises and Labour through Construction Works Contracts as published in the Government Gazette Notice No. 48491 of 28 April 2023 and the cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract.– Condition of Contract	Applicable
(f)	DPWI National Youth Service training and development programme (NYS) – Condition of Contract.	Applicable
(g)	Labour Intensive Works – Condition of Contract.	Applicable
(h)		Select
(i)		Select

9. COLLECTION OF TENDER DOCUMENTS

- ☒ Bid documents are available for free download on e-Tender portal www.etenders.gov.za
- ☒ Alternatively; Bid documents may be collected during working hours at the following address **256 Madiba Street**. A non-refundable bid deposit of **R 800** is payable (cash only) on collection of the bid documents.

10. SITE INSPECTION MEETING

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

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

Attendance of said pre- tender site inspection meeting is **compulsory**

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

Venue:	17 Murray Street, Ermelo, Mpumalanga Entrance: Cnr Murray Street and De Clercq. (Parking of the Ermelo Community Corrections.		
Virtual meeting link:	N/A		
Date:	17/07/2025	Starting time:	11:00

11. ENQUIRIES

11.1. Technical enquiries may be addressed to:

DPWI Project Manager	Matsie Serogole	Telephone no:	012 406 1401
Cellular phone no	072 443 5574	Fax no:	N/A
E-mail	Matsie.Serogole@dpw.gov.za		

11.2. SCM enquiries may be addressed to:

SCM Official	Merven Kganyago	Telephone no:	012 406 2023
Cellular phone no	066 320 4889	Fax no:	N/A
E-mail	Merven.Kganyago@dpw.gov.za		

12. DEPOSIT / RETURN OF TENDER DOCUMENTS

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

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

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

Tender documents may be posted to: The Director-General Department of Public Works and Infrastructure Private Bag X 65 Pretoria 0001 Attention: Procurement section: Room 121	OR	Deposited in the tender box at: 256 Madiba Street CGO Building Madiba Street Room 121
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T1.2

TENDER DATA

DPW-03 (EC): TENDER DATA

Project title:	<i>Department of Labour: Nelspruit Regional Office: Ermelo: Construction of Labour Centre.</i>
Reference no:	

Tender / Quotation no:	H25/005/AI	Closing date:	28/07/2025
Closing time:	11:00	Validity period:	12 Weeks (84 Calendar days)

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

Tender no: H25/005/AI

C.1.4	<p>The Employer's agent is:</p> <table border="1"> <tr> <td>Name:</td><td><i>Tectura International</i></td></tr> <tr> <td>Capacity:</td><td><i>Private Project Manager</i></td></tr> <tr> <td>Address:</td><td><i>3rd Floor, Block A Norfork HSE Sandton Close Sandton 2145</i></td></tr> <tr> <td>Tel:</td><td><i>011 783 2084</i></td></tr> <tr> <td>Fax:</td><td><i>N/A</i></td></tr> <tr> <td>E-mail:</td><td><i>thomas@tectural.com</i></td></tr> </table>	Name:	<i>Tectura International</i>	Capacity:	<i>Private Project Manager</i>	Address:	<i>3rd Floor, Block A Norfork HSE Sandton Close Sandton 2145</i>	Tel:	<i>011 783 2084</i>	Fax:	<i>N/A</i>	E-mail:	<i>thomas@tectural.com</i>
Name:	<i>Tectura International</i>												
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Tel:	<i>011 783 2084</i>												
Fax:	<i>N/A</i>												
E-mail:	<i>thomas@tectural.com</i>												
C.2.1 C.3.11	<p>A. ELIGIBILITY IN RESPECT OF CIDB REGISTRATION:</p> <p>The following tenderers who are registered with the CIDB, or are *capable of being so registered prior to the evaluation of submissions, are eligible to have their tenders evaluated (* tenderers who are capable of being so registered, or who have applied for registration but have not yet received confirmation of such registration, must provide, <u>with this tender</u>, acceptable documentary proof thereof):</p> <ul style="list-style-type: none"> a) contractors who have a contractor grading designation equal to or higher than a contractor grading designation determined in accordance with the sum tendered, or a value determined in accordance with Regulation 25 (1B) or 25 (7A) of the Construction Industry Development Regulations, for a 7 GB or select tender value range select class of construction works ** class of construction work; and b) contractors registered as potentially emerging enterprises with the CIDB who are registered in one contractor grading designation lower than that required in terms of a) above: select <p>Joint ventures are eligible to submit tenders provided that:</p> <ul style="list-style-type: none"> 1. every member of the joint venture is registered with the CIDB; 2. the lead partner has a contractor grading designation in the select tender value range select class of construction works or select tender value range select class of construction works ** class of construction work; and 3. the combined contractor grading designation calculated in accordance with the Construction Industry Development Regulations is equal to or higher than a contractor grading designation determined in accordance with the sum tendered, or a value determined in accordance with Regulation 25 (1B) or 25 (7A) of the Construction Industry Development Regulations for a select tender value range select class of construction works or select tender value range select class of construction works ** class of construction work <p>** Delete "or select tender value range select class of construction works" where only one class of construction works is applicable</p> <p>A contract will be entered into with a tenderer who has in his employ management and supervisory staff satisfying the requirements of the scope of work for labour intensive competencies for supervisory and management staff: select</p>												

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C. FUNCTIONALITY WEIGHTING APPLICABLE TO THIS BID:

Note: Failure to meet minimum functionality score will result in the tenderer being disqualified.

Functionality Criteria	Weighting Factor
<p>1. COMPANY EXPERIENCE: Bidders are required to submit a list of similar or comparable projects completed in the past 10 years, each project with a value of CIDB Grade 6GB or higher. A minimum of two (2) or more projects must be provided, along with practical completion certificates for each, issued on the client's official letterhead and including the client's contact details for reference purposes.</p> <p>6 or more similar/comparable completed projects = 5 Points 5 similar/comparable completed projects = 4 Points 4 similar/comparable completed projects = 3 Points 3 similar/comparable completed projects = 2 Points 2 similar/comparable completed projects = 1 Point 0 to 1 similar/comparable completed projects = 0 Point</p> <p>Note: 1. Similar/ comparable projects means greenfields projects, refurbishments and upgrades. Ablution facilities, low cost housing projects and school building projects will not be considered. 2. No reference letters should be submitted. 3. If the contactable reference is not available when contacted, points for that project will not be awarded.</p>	30
<p>2. HUMAN RESOURCE 1: Professional Construction Manager registered with SACPCMP with a minimum of 4 years experience in building projects in the construction industry</p> <p>1) More than 10 years post qualifications experience = 5 points 2) 8 to 9 years post qualifications experience = 4 points 3) 6 to 7 years post qualifications experience = 3 points 4) 4 to 5 years post qualifications experience = 2 points 5) less than 4 years post qualifications experience = 0 points</p>	25
<p>3. HUMAN RESOURCE 2: Professional Quantity Surveyor registered with SACQSP with a minimum of 4 years experience in building projects in the construction industry</p> <p>1) More than 10 years post qualification experience = 5 points 2) 8 to 9 years post qualification experience = 4 points 3) 6 to 7 years post qualification experience = 3 points 4) 4 to 5 years post qualification experience = 2 points 5) less than 4 years post qualification experience = 0 points</p>	25
<p>4. Financial Capability, the service provider to submit bank rating from the bank with the bank letterhead and original bank stamp.</p>	20



Bank Rating "A" = 5 Points
Bank Rating "B" = 4 Points
Bank Rating "C" = 3 Points
Bank Rating "D" = 2 Points
Bank Rating "E" = 1 Point

Note:

1. In case of JV, the lead partner's bank rating will be considered
2. Only letters with rating A,B,C,D and E will be scored
3. No digital/systematic stamp will be accepted.

Total

100 Points

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

Minimum functionality score to qualify for further evaluation:

60

D. METHOD TO BE USED TO CALCULATE POINTS FOR SPECIFIC GOALS



D1. For procurement transaction with rand value greater than R2 000,00 and up to R1 Million (Inclusive of all applicable taxes) the specific goals listed below are applicable.

Table 1

Serial No	Specific Goals	Preference Points Allocated out of 20	Documentation to be submitted by bidders to validate their claim
1.	An EME or QSE which is at least 51% owned by black people (Mandatory)	10	<ul style="list-style-type: none"> SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.
2.	Located in a specific Local Municipality or District Municipality or Metro or Province area for work to be done or services to be rendered in that area (Mandatory)	2	<ul style="list-style-type: none"> Official Municipal Rates Statement which is in the name of the bidder. <p>Or</p> <ul style="list-style-type: none"> Any account or statement which is in the name of the bidder. <p>Or</p> <ul style="list-style-type: none"> Permission to Occupy from local chief in case of rural areas (PTO) which is in the name of the bidder.

			Or
			<ul style="list-style-type: none"> Lease Agreement which is in the name of the bidder.
3.	An EME or QSE which is at least 51% owned by black women (Mandatory)	4	<ul style="list-style-type: none"> SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.
4.	An EME or QSE which is at least 51% owned by black people with disability (Mandatory)	2	<ul style="list-style-type: none"> SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable. <p>and</p> <ul style="list-style-type: none"> Medical Certificate indicating that the disability is permanent. <p>Or</p> <ul style="list-style-type: none"> South African Social Security Agency (SASSA) Registration indicating that the disability is permanent. <p>Or</p> <ul style="list-style-type: none"> National Council for Persons with Physical Disability in South Africa registration (NCPDPSA).
5.	An EME or QSE which is at least 51% owned by black youth (Mandatory)	2	<ul style="list-style-type: none"> ID Copy and SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.



D2. For procurement transaction with rand value greater than R1 Million and up to R50 Million (Inclusive of all applicable taxes) the specific goals listed in table 1 below are applicable.

Table 2

Serial No	Specific Goals	Preference Points Allocated out of 20	Documentation to be submitted by bidders to validate their claim
1.	An EME or QSE or any entity which is at least 51% owned by black people (Mandatory)	10	<ul style="list-style-type: none"> SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.
2.	Located in a specific Local Municipality or District Municipality or Metro or Province area for work to be done or services to be rendered in that area (Mandatory)	2	<ul style="list-style-type: none"> Official Municipal Rates Statement which is in the name of the bidder <p>Or</p> <ul style="list-style-type: none"> Any account or statement which is in the name of the bidder. <p>Or</p> <ul style="list-style-type: none"> Permission to Occupy from local chief in case of rural areas (PTO) which is in the name of the bidder <p>Or</p>

			<ul style="list-style-type: none"> Lease Agreement which is in the name of the bidder.
3.	An EME or QSE or any entity which is at least 51% owned by black women (Mandatory)	4	<ul style="list-style-type: none"> SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.
4.	An EME or QSE or any entity which is at least 51% owned by black people with disability (Mandatory)	2	<ul style="list-style-type: none"> SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable. <p>and</p> <ul style="list-style-type: none"> Medical Certificate indicating that the disability is permanent. <p>Or</p> <ul style="list-style-type: none"> South African Social Security Agency (SASSA) Registration indicating that the disability is permanent. <p>Or</p> <p>National Council for Persons with Physical Disability in South Africa registration (NCPDPSA).</p>
5.	An EME or QSE or any entity which is at least 51% owned by black youth (Mandatory)	2	<ul style="list-style-type: none"> ID Copy and SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.

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D3. For procurement transaction with rand value greater than R50 Million (Inclusive of all applicable taxes) the specific goals listed in table 2 below are applicable.

NB. The use of one of goal numbers' 4 or 5 is mandatory. The BSC must select either one of the two, but not both.

Table 3

Serial No	Specific Goals	Preference Points Allocated out of 10	Documentation to be submitted bidders to validate their claim
1.	An EME or QSE or any entity which is at least 51% owned by black people (Mandatory)	4	<ul style="list-style-type: none"> SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.



	2.	Located in a specific Local Municipality or District Municipality or Metro or Province area for work to be done or services to be rendered in that area (Mandatory)	2	<ul style="list-style-type: none"> Official Municipal Rates Statement which is in the name of the bidder. <p>Or</p> <ul style="list-style-type: none"> Any account or statement which is in the name of the bidder. <p>Or</p> <ul style="list-style-type: none"> Permission to Occupy from local chief in case of rural areas (PTO) which is in the name of the bidder. <p>Or</p> <ul style="list-style-type: none"> Lease Agreement which is in the name of the bidder. 	
	3.	An EME or QSE or any entity which is at least 51% owned by black women (mandatory)	2	<ul style="list-style-type: none"> SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable. 	
	4. <input type="checkbox"/>	An EME or QSE or any entity which is at least 51% owned by black people with disability (Mandatory)	2	<ul style="list-style-type: none"> SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable. <p>and</p> <ul style="list-style-type: none"> Medical Certificate indicating that the disability is permanent. <p>Or</p> <ul style="list-style-type: none"> South African Social Security Agency (SASSA) Registration indicating that the disability is permanent. <p>Or</p> <p>National Council for Persons with Physical Disability in South Africa registration (NCPDPSA).</p>	
	OR				
	5. <input checked="" type="checkbox"/>	An EME or QSE or any entity which is at least 51% owned by black youth (Mandatory)	2	<ul style="list-style-type: none"> ID Copy and SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable. 	

Black people mean Africans, Coloureds and Indians, who - (a) are citizens of the Republic of South Africa by birth or descent or (b) became citizens of the Republic of South Africa by naturalisation - (i) before 27 April 1994; or (ii) on or after 27 April 1994 and who would have been entitled to acquire citizenship by naturalisation prior to that date. (BROAD-BASED BLACK ECONOMIC EMPOWERMENT ACT No 25899, 2003 of 9 JANUARY 2004).

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E. ELIGIBILITY IN RESPECT OF RISK TO EMPLOYER:

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

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

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

E.1 Technical risks:

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

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

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

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

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

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

1. The level of progress on current projects in relation to the project programme or, if such is not available/applicable, to the contractual construction period in general;
2. The degree to which previous projects have been completed within the contractual completion periods and/or extensions thereto, and the extend of penalties imposed;

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	<ol style="list-style-type: none"> 3. Project performance: time management & programming of works, timeous ordering of materials and appointment of subcontractors; 4. Financial management: payment to suppliers and cash flow problems; 5. Quality of workmanship: extent of reworks and timeous attention to remedial works; 6. Personnel resources: suitably qualified and experienced, turnover in site staff and labour force, specifically site manager and foreman; 7. Personnel management: extent of labour disputes and ability to resolving labour disputes amicably; 8. Sub-contractors: extent of turnover in subcontractors, general liaison and payment problems experienced; 9. Contract administration: contractual aspects such as complying to laws and regulations, insurances, security, submission of required documentation timeously, reaction to written contract instructions, appointments of subcontractors, etc. as can generally be expected in standard/normal conditions of contract. 10. Health & Safety: adherence to regulations and compliance, and number of transgressions & serious incidents. 11. Plant & equipment: sufficient resources on site and in time. 12. Delays: extent of causing delays, submission of claims timeously, and abuse of or exaggerated delay claims. 13. Final account: extent to which the contractor assisted in finalising the final account. <p>Criterion 3: Suitably qualified and appropriately experienced human resources</p> <p>Allocation of suitably qualified and appropriately experienced human resources, both in respect of principals and/or other staff (contract manager, site agent, site foreman including other professional, technical and/or administrative) of the tendering Service Provider to the project, as proof that the tendering Service Provider will be able to react/respond appropriately to the Services required herein. The Company Organogram with CV's and certified ID's of all principals and employed workforce as well as proof of Professional Registration will be verified. Current and future workload of the tenderer in relation to capacity and capability will also be considered. The tenderer should demonstrate that he or she possesses the necessary professional and technical qualifications and -competence in relation to the scope of work and work to be undertaken.</p> <p>Criterion 4: Attendance of compulsory bid clarification meeting, if applicable</p> <p>If applicable, submission of confirmation of DPW-16.1 (PSB) attendance of compulsory bid clarification meeting or proof of attending the compulsory virtual meeting by a suitably qualified and experienced representative of the tenderer in terms of PA-04 (EC): Notice and Invitation to Tender.</p> <p>E.2 Commercial risks:</p> <p>The financial viability assessment evaluates the risk over the life of the construction period, as to whether the tenderer will be able to deliver the goods and services which are specified in the contract and / or be able to fulfil guarantees or warranties provided for in the contract in order to complete the project successfully for the amount tendered.</p> <p>Aspects to be considered include but are not limited to, the respective rates tendered, bank rating, financial capability and capacity whether the tenderer has or has access to sufficient financial resources to deliver the goods or services described in the tender documentation (including fulfilling any guarantees or warranty claims), whether the tenderer is not subject to any current or impending legal action (either formal proceedings or notification of legal action) which could impact on the financial standing of the tenderer or the delivery of the goods or services, financial report from auditors as proof of current liquidity, and company or any parent company or investor guarantee/s and financial statements.</p>
C.2.7	For particulars regarding a pre-tender site inspection meeting, see Notice and Invitation to Tender T1.1

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C.2.12	<p>If a tenderer wishes to submit an alternative tender offer, the only criteria permitted for such alternative tender offer is that it demonstrably satisfies the Employer's standards and requirements. A tenderer may submit alternative tender offers only if a main tender offer, strictly in accordance with all the requirements of the tender documents, is also submitted. Provided that the tenderer's main tender offer is according to specification and would under normal circumstances be recommended for acceptance, his alternative tender offer may also be considered for the purpose of the award of the contract.</p> <p>Calculations, drawings and all other pertinent technical information and characteristics as well as modified or proposed Pricing Data must be submitted with the alternative tender offer to enable the Employer to evaluate the efficacy of the alternative and its principal elements, to take a view on the degree to which the alternative complies with the Employer's standards and requirements and to evaluate the acceptability of the pricing proposals. Calculations must be set out in a clear and logical sequence and must clearly reflect all design assumptions. Pricing Data must reflect all assumptions in the development of the pricing proposal.</p> <p>Acceptance of an alternative tender offer will mean acceptance in principle of the offer. It will be an obligation of the contract for the tenderer, in the event that the alternative is accepted, to accept full responsibility and liability that the alternative offer complies in all respects with the Employer's standards and requirements.</p> <p>The modified Pricing Data must include an amount equal to 5% of the amount tendered for the alternative offer to cover the Employer's costs of confirming the acceptability of the detailed design before it is constructed.</p> <p>Alternative tender offer permitted: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
C.2.13.2	<p>The list of Returnable Documents identifies which of the documents a tenderer must complete when submitting a tender offer. The tenderer must submit his tender offer by completing the Returnable Documents, signing the "Offer" section in the "Form of Offer and Acceptance" and delivering the Returnable Documents back to the Department.</p>
C.2.13.5	<p>The Employer's address for delivery of tender offers and identification details to be shown on each tender offer package are as per Notice and Invitation to Tender T1.1.</p>
C.2.13.6 C.3.5	<p>A two-envelope procedure will not be followed.</p>
C.2.15	<p>The closing time for submission of tender offers is as per Notice and Invitation to Tender T1.1.</p>
C.2.16	<p>The tender offer validity period is as per Notice and Invitation to Tender T1.1.</p>
C2.16.3	<p>Omit the wording of the last sentence for those projects which are subject to CPAP</p>
C.2.18	<p>The tenderer will be required to submit his fully priced Bills of Quantities / Lump Sum Document (complete document inclusive of all parts):</p> <p><input type="checkbox"/> Together with his tender; or <input checked="" type="checkbox"/> The tenderer shall submit his fully priced and completed sectional summary - and final summary pages with the tender and thereafter submit the fully completed Bills of Quantities within fourteen (14) calendar days of the date requested to do so prior to the award of the contract.</p>
C.2.19	<p>Access shall be provided for inspections, tests and analysis as may be required by the Employer.</p>
C.3.4.1 C.3.4.2	<p>The location for opening of the tender offers, immediately after the closing time thereof shall be at: 256 Madiba Street Pretoria, CGO Building Room 121</p>
C.3.8	<p>The words "responsive tender" and "acceptable tender" shall be construed to have the same meaning.</p>

Tender no: H25/005/AI

C.3.9.3	Omit the wording and replace with the following: "Notify the tenderer of all errors, omissions and/or rate imbalances that are identified in the tender offer and request the tenderer to, within a stipulated time, accept the total of prices as corrected in accordance with C.3.9.4."
C.3.9.4	Omit the wording of the first sentence and replace with the following: "In cases where tender offers contain errors, omissions and/or rate imbalances, these are to be corrected as follows:"
C.3.9.4	Add sub paragraph c) to C.3.9.4, as follows: "c) If the tenderer does not accept the corrected tender offer, or cannot reach consensus with the Employer on a corrected tender offer, the tender is to be classified as not acceptable/non responsive and removed from further contention."
C.3.11.1	The procedure for the evaluation of responsive tenders is Method 2: Financial Offer and Preference.
C.3.13	Add the following to sub paragraph a), as follows: The tenderer or any of its directors is not listed on the Register of Tender Defaulters in terms of the Prevention and Combating of Corrupt Activities Act, 2004 (Act No. 12 of 2004) as a person prohibited from doing business with the public sector;
C.3.17	Provide to the successful tenderer one copy of the signed contract document.

T2.1

LIST OF RETURNABLE DOCUMENTS

PA-09 (EC): LIST OF RETURNABLE DOCUMENTS

Project title:	Department of Labour: Nelspruit Regional Office: Ermelo: Construction of Labour Centre.		
Tender / Quote no:	H25/005/AI	Reference no:	
Receipt Number:			

1. RETURNABLE DOCUMENTS REQUIRED FOR TENDER EVALUATION PURPOSES

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

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

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

Tender no: H25/005/AI

2. ADDITIONAL RETURNABLE DOCUMENTS REQUIRED FOR TENDER EVALUATION PURPOSES

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

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

3. RETURNABLE DOCUMENTS THAT WILL BE INCORPORATED INTO THE CONTRACT

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

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

4. OTHER DOCUMENTS THAT WILL BE INCORPORATED INTO THE CONTRACT

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

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

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

Tender no: H25/005/AI

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

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

Signed by the Tenderer:

Name of representative	Signature	Date

C1.1

FORM OF OFFER AND ACCEPTANCE

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

Project title:	Department of Labour: Nelspruit Regional Office: Ermelo: Construction of Labour Centre		
Tender / Quotation no:	H25/005/AI	Reference no:	

OFFER

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

Construction of a new labour centre and related external works

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

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

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

Rand (in figures) R

Rand (in words).....

.....

.....

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

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

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

Company or Close Corporation:

.....

.....

And: Whose Registration Number is:

.....

And: Whose Income Tax Reference Number is:

.....

CSD supplier number:.....

OR

Natural Person or Partnership:

.....

.....

Whose Identity Number(s) is/are:

.....

Whose Income Tax Reference Number is/are:

.....

..

CSD supplier number:.....

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

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

For Internal & External Use

Effective date 5 July 2022

Tender / Quotation no: H25/005/AI

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

SIGNED FOR THE TENDERER:

Name of representative	Signature	Date

WITNESSED BY:

Name of witness	Signature	Date

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

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

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

SECURITY OFFERED:

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

NB. Guarantees submitted must be issued by either an insurance company duly registered in terms of the Insurance Act [Long-Term Insurance Act, 1998 (Act 52 of 1998) or Short-Term Insurance Act, 1998 (Act 35 of 1998)] or by a bank duly registered in terms of the Banks Act, 1990 (Act 94 of 1990) on the pro-forma referred to above. No alterations or amendments of the wording of the pro-forma will be accepted.

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

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

Tender / Quotation no: H25/005/AI

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

Other Contact Details of the Tenderer are:

Telephone No..... Cellular Phone No.....

Fax No

Postal address

Banker Branch.....

Registration No of Tenderer at Department of Labour

CIDB Registration Number:

ACCEPTANCE

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

The terms of the contract are contained in:

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

Part C2 Pricing data

Part C3 Scope of work

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

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

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

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

For the Employer:

Name of signatory	Signature	Date

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

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

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Tender / Quotation no: H25/005/AI

Name of Organisation:	Department of Public Works and Infrastructure
Address of Organisation:	

WITNESSED BY:

Name of witness	Signature	Date

Schedule of Deviations

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

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

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

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

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

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Effective date 5 July 2022

C2.2

BILLS OF QUANTITIES / LUMP SUM DOCUMENT

T2.2

RETURNABLE DOCUMENTS REQUIRED FOR TENDER EVALUATION PURPOSES



PA-11: BIDDER'S DISCLOSURE

1. PURPOSE OF THE FORM

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

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

2. Bidder's declaration

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

YES / NO

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

Full Name	Identity Number	Name of State institution

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

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

YES / NO

- 2.2.1 If so, furnish particulars:

.....
.....

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

YES / NO

- 2.3.1 If so, furnish particulars:

.....
.....

3 DECLARATION

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

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

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



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

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

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

.....
Signature

.....
Date

.....
Position

.....
Name of bidder

This form has been aligned with SBD4

PA-15.1: RESOLUTION OF BOARD OF DIRECTORS

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

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

Held at _____ (place)

on _____ (date)

RESOLVED that:

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

(Project description as per Bid / Tender Document)

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

- *Mr/Mrs/Ms: _____

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

and who will sign as follows: _____

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

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

PA-15.1: Resolution of Board of Directors

17			
18			
19			
20			

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

Note:

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

ENTERPRISE STAMP

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

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

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

Held at _____ (place)

on _____ (date)

RESOLVED that:

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

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

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

(Project description as per Bid /Tender Document)

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

2. *Mr/Mrs/Ms: _____

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

and who will sign as follows: _____

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

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

Physical address: _____

_____ (code)



PA-15.2: Resolution of Board of Directors to enter into Consortia or Joint Ventures

Postal Address: _____

_____ (code)

Telephone number: _____

Fax number: _____

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

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

Note:

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

ENTERPRISE STAMP

PA-15.3: SPECIAL RESOLUTION OF CONSORTIA OR JOINT VENTURES

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

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

Held at _____ (place)

on _____ (date)

RESOLVED that:

RESOLVED that:

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

(Project description as per Bid /Tender Document)

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

PA-15.3: Special Resolution of Consortia or Joint Ventures

- B. *Mr/Mrs/Ms: _____
in *his/her Capacity as: _____ (Position in the Enterprise)
and who will sign as follows: _____

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

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

- D. The Enterprises to the Consortium/Joint Venture accept joint and several liability for the due fulfilment of the obligations of the Consortium/Joint Venture deriving from, and in any way connected with, the Contract entered into with the Department in respect of the project described under item A above.
- E. Any of the Enterprises to the Consortium/Joint Venture intending to terminate the consortium/joint venture agreement, for whatever reason, shall give the Department 30 days written notice of such intention. Notwithstanding such decision to terminate, the Enterprises shall remain jointly and severally liable to the Department for the due fulfilment of the obligations of the Consortium/Joint Venture as mentioned under item D above.
- F. No Enterprise to the Consortium/Joint Venture shall, without the prior written consent of the other Enterprises to the Consortium/Joint Venture and of the Department, cede any of its rights or assign any of its obligations under the consortium/joint venture agreement in relation to the Contract with the Department referred to herein.
- G. The Enterprises choose as the *domicilium citandi et executandi* of the Consortium/Joint Venture for all purposes arising from the consortium/joint venture agreement and the Contract with the Department in respect of the project under item A above:

Physical address: _____

_____ (Postal code) _____

Postal Address: _____

_____ (Postal code) _____

Telephone number: _____

Fax number: _____

PA-15.3: Special Resolution of Consortia or Joint Ventures

	Name	Capacity	Signature
1			
2			
3			
4			
5			
6			
7			
8			
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14			
15			

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

Note:

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



DPW-16 (EC): SITE INSPECTION MEETING CERTIFICATE

Project title:	Department of Labour: Nelspruit Regional Office: Ermelo: Construction of Labour Centre		
Tender / Quotation no:	H25/005/AI	Reference no:	
Closing date:	28/07/2025		

This is to certify that I, _____ representing

_____ in the capacity of

_____ visited the site on: **insert date**

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

Name of Tenderer	Signature	Date

Name of DPW Representative	Signature	Date

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

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

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

1. GENERAL CONDITIONS

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

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

1.2.

- a) The value of this bid is estimated to exceed R50 000 000 (all applicable taxes included) and therefore the 90/10 preference point system shall be applicable; or
- b) Either the 80/20 or 90/10 preference point system will be applicable to this tender (*delete whichever is not applicable for this tender*).

1.3. Points for this bid shall be awarded for:

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

1.4. The maximum points for this bid are allocated as follows:

	POINTS
PRICE	90
B-BBEE STATUS LEVEL OF CONTRIBUTOR	10
Total points for Price and B-BBEE must not exceed	100

1.5. Failure on the part of a bidder to submit proof of B-BBEE Status level of contributor together with the bid, will be interpreted to mean that preference points for B-BBEE status level of contribution are not claimed.

1.6. The purchaser reserves the right to require of a bidder, either before a bid is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the purchaser.

4. POINTS AWARDED FOR B-BBEE STATUS LEVEL OF CONTRIBUTOR

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

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

5. BID DECLARATION

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

6. B-BBEE STATUS LEVEL OF CONTRIBUTOR CLAIMED IN TERMS OF PARAGRAPHS 1.4 AND 4.1

- 1.1. B-BBEE Status Level of Contributor: . = (maximum of 10 or 20 points)
(Points claimed in respect of paragraph 7.1 must be in accordance with the table reflected in paragraph 4.1 and must be substantiated by relevant proof of B-BBEE status level of contributor.

7. SUB-CONTRACTING

- 1.1. Will any portion of the contract be sub-contracted?

(Tick applicable box)

YES	<input type="checkbox"/>	NO	<input type="checkbox"/>
-----	--------------------------	----	--------------------------

- 7.1.1 If yes, indicate:

- What percentage of the contract will be subcontracted..... %
- The name of the sub-contractor.....
- The B-BBEE status level of the sub-contractor.....
- Whether the sub-contractor is an EME or QSE

(Tick applicable box)

YES	<input type="checkbox"/>	NO	<input type="checkbox"/>
-----	--------------------------	----	--------------------------

- v) Specify, by ticking the appropriate box, if subcontracting with an enterprise in terms of Preferential Procurement Regulations, 2017:

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

8. DECLARATION WITH REGARD TO COMPANY/FIRM

1.1. Name of company/firm:.....

1.2. VAT registration number:.....

1.3. Company registration number:.....

1.4. TYPE OF COMPANY/ FIRM

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

[TICK APPLICABLE BOX]

1.5. DESCRIBE PRINCIPAL BUSINESS ACTIVITIES

.....

1.6. COMPANY CLASSIFICATION

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

[TICK APPLICABLE BOX]

1.7. Total number of years the company/firm has been in business:.....

1.8. I/we, the undersigned, who is / are duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the B-BBE status level of contributor indicated in

paragraphs 1.4 and 6.1 of the foregoing certificate, qualifies the company/ firm for the preference(s) shown and I / we acknowledge that:

- i) The information furnished is true and correct;
- ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
- iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 6.1, the contractor may be required to furnish documentary proof to the satisfaction of the purchaser that the claims are correct;
- iv) If the B-BBEE status level of contributor has been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the purchaser may, in addition to any other remedy it may have –
 - (a) disqualify the person from the bidding process;
 - (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
 - (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
 - (d) recommend that the bidder or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted by the National Treasury from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and
 - (e) forward the matter for criminal prosecution.

WITNESSES



PA-16.1 (EC)

PA-16.1 (EC): OWNERSHIP PARTICULARS

- NB:** 1. This form is to be read with the Broad-based Black Economic Empowerment Act, 2003 (Act 53 of 2003), the Preferential Procurement Policy Framework Act, 2000 (Act 5 of 2000), the Preferential Procurement Regulations, 2011, the Notice and Invitation to Tender and the Tender Data pertaining to this Tender, and completed according to the definitions and information contained in said documents.
2. Failure to complete this form may result in the tender being disqualified.

Project title:	Department of Labour: Nelspruit Regional Office Ermelo: Construction of Labour Centre
Tender no:	25/005/AI

1. PARTICULARS OF TENDERER**Name of Tendering Entity (the Tenderer):**

(must correspond with the Form of Offer and Acceptance DPW-07 (EC) in Section C1.1)

Physical Address:**Postal Address:****Company/CC Registration No:****Tenderer's Income Tax Reference No:****Company VAT Registration No:****Name of the duly authorized Representative of the Tenderer:**

(must correspond with the Resolution PA-15.1, PA-15.2 and/or PA-15.3)

Telephone:**Facsimile:**Is the Tenderer a ☐ public* or ☐ private company?

(*Preference points may not be awarded to public companies)

Preference Points Claim Form and Affidavit

PA-16.1 (EC):

2. LIST ALL PROPRIETORS, MEMBERS OR SHAREHOLDERS BY NAME, IDENTITY NUMBER, CITIZENSHIP, PRE 1994 ELECTION FRANCHISE-STATUS AND OWNERSHIP, AS RELEVANT

Name #	Identity/Registration Number	Citizenship ##	HDI-Status ###		Date of Ownership	Percentage Owned	Percentage Voting	Percentage of time devoted to the Tendering Entity
			Qualify as HDI by virtue of not having had any franchise in elections prior to 1983 or 1994					
1.			<input type="checkbox"/> Yes <input type="checkbox"/> No					
2.			<input type="checkbox"/> Yes <input type="checkbox"/> No					
3.			<input type="checkbox"/> Yes <input type="checkbox"/> No					
4.			<input type="checkbox"/> Yes <input type="checkbox"/> No					
5.			<input type="checkbox"/> Yes <input type="checkbox"/> No					
6.			<input type="checkbox"/> Yes <input type="checkbox"/> No					
7.			<input type="checkbox"/> Yes <input type="checkbox"/> No					
8.			<input type="checkbox"/> Yes <input type="checkbox"/> No					
9.			<input type="checkbox"/> Yes <input type="checkbox"/> No					
10.			<input type="checkbox"/> Yes <input type="checkbox"/> No					
11.			<input type="checkbox"/> Yes <input type="checkbox"/> No					
12.			<input type="checkbox"/> Yes <input type="checkbox"/> No					

where Owners are themselves a Company, Close Corporation, Partnership etc, identify the ownership of the Holding Company, together with Registration number
 ## state date of South African citizenship obtained
 ### state "Yes" or "No" (refer to definitions contained in the PPPF Act, 2000 (Act 5 of 2000) and the Preferential Procurement Regulations, 2011)

Preference Points Claim Form and Affidavit

PA-16.1 (EC):

- 3 The following documentation must be included in the tender as part of the Returnable Documents. Failure to provide the said documentation may result in the tender being disqualified.

Legal Status of Tendering Entity: If the Tendering Entity is:	Documentation to be submitted with the tender:
a. A Close Corporation, incorporated under the Close Corporation Act, 1984 (Act 69 of 1984)	Certified copies of the Founding Statement – CK1
b. A private Company having share capital, incorporated under the Companies Act, 1973 (Act 61 of 1973) [including Companies incorporated under Art 53(b)]	Certified copies of: i. Certificate of Incorporation – CM1, and ii. Shareholders Certificates of all Members of the Company, plus a signed statement of the Company's Auditor, certifying each Member's ownership /shareholding percentage relative to the total.
c. A private Company having share capital, incorporated under the Companies Act, 1973 (Act 61 of 1973) in which any, or all, shares are held by another Close Corporation or Company with or without share capital	Certified copies of documents referred to in a. and/or b. above in respect of all such Close Corporation(s) and/or Company(ies).
d. A public Company having share capital, incorporated under the Companies Act, 1973 (Act 61 of 1973) [including Companies incorporated under Art 21]	A signed statement of the Company's Secretary confirming that the Company is a public Company.
e. A natural person or a Partnership	Certified copy of the Identity Document of: i. such natural person, or ii. each of the Partners to the Partnership.
f. A Trust	Deed of Trust.

4. Identify by name, HDI-status and length of service, those individuals (including Owners and non-Owners) responsible for the day-to-day management and business decisions:

Name	HDI-status ###			Length of service (years)
	Qualify as HDI by virtue of not having had any franchise in elections prior to 1983 or 1994	Qualify as HDI by virtue of being female	Qualify as HDI by virtue of having a disability	
<u>FINANCIAL DECISIONS</u>				
Cheque signing Signing & Co-signing for loans	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Acquisition of lines of credit	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Sureties	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Major purchase or acquisitions	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Signing contracts	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
<u>MANAGEMENT DECISIONS</u>				
Estimating	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Market and sales operations	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Hiring and firing of management personnel	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Supervision of office personnel	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Supervision of Field / Production activities	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	

state "Yes" or "No" (refer to definitions contained in the PPPF Act, 2000 (Act 5 of 2000) and the Preferential Procurement Regulations, 2011)

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

Preference Points Claim Form and Affidavit

PA-16.1 (EC):

5. If this tender offer is submitted by a Consortium or Joint Venture, provide the following information regarding the Participation Parameter of each of the Tendering entities relative to the project tendering for:

Name of Consortium / Joint Venture Partner	Participation Parameter expressed as a percentage
1. %
2. %
3. %
4. %
5. %

NB: If submitting a tender offer in Consortium or Joint Venture, a copy of the proposed Consortium or Joint Venture Agreement must be submitted together with the Offer for scrutiny purposes during the Evaluation stage. All other requirements for deliverable documents pertaining to Consortium / Joint Ventures, as described in the Tender Data, must, in addition hereto, be adhered to. Information required in Sections 1 to 5 of this form must be provided separately in respect of each Consortium or Joint Venture Partner.

6. List the following personnel or external firms who provide the following services:

Service	Name	Contact Person	Telephone
Accounting			
Legal			
Auditing			
Banking			
Insurance			

Preference Points Claim Form and Affidavit

PA-16.1 (EC):

7. DECLARATION:

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

- 7.1 The information and particulars contained in this Affidavit are true and correct in all respects;
- 7.2 The Broad-based Black Economic Empowerment Act, 2003 (Act 53 of 2003), Preferential Procurement Policy Framework Act, 2000 (Act 5 of 2000), the Preferential Procurement Regulations, 2011, and all documents pertaining to this Tender were studied and understood and that the above form was completed according to the definitions and information contained in said documents;
- 7.3 The Tenderer understands that any intentional misrepresentation or fraudulent information provided herein shall disqualify the Tenderer's offer herein, as well as any other tender offer(s) of the Tenderer simultaneously being evaluated, or will entitle the Employer to cancel any Contract resulting from the Tenderer's offer herein;
- 7.4 The Tenderer accepts that the Employer may exercise any other remedy it may have in law and in the Contract, including a claim for damages for having to accept a less favourable tender as a result of any such disqualification due to misrepresentation or fraudulent information provided herein;
- 7.5 Any further documentary proof required by the Employer regarding the information provided herein, will be submitted to the Employer within the time period as may be set by the latter;
- 7.6 The Tenderer understands that, once the tender herein has been awarded and it is later detected by the Employer that a preference relating to Ownership in terms of the Act and Regulations has been intentionally misrepresented or fraudulently claimed, the Employer will have recourse against such party as stipulated in Regulation 15 of the Preferential Procurement Regulations, 2011 and/or to impose a penalty amount equal to Y%, of the Offered Total of Prices (inclusive of Value Added Tax), tendered in the Form of Offer and Acceptance (section C1.1), calculated separately for each Ownership category misrepresented or fraudulently claimed; where Y is the maximum number of points allocated for each individual Ownership description provided in the Notice and Invitation to Tender (PA-04 EC), to a combined maximum of 10%. Furthermore: failure to achieve the tendered Contract Participation Goal will be penalized by a penalty amount as described in the Tender and Contract Conditions Pertaining to Contract Participation Goal (Participation of Targeted Enterprises) (PA-16.2 EC).

Signed by the Tenderer

Name of representative	Signature	Date

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

Project title:	Department of Labour: Nelspruit Regional Office: Ermelo: Construction of Labour Centre		
Tender / quotation no:	H25/005/AI	Closing date:	28/07/2025
Advertising date:	04/07/2025	Validity period:	12 Weeks

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

1.1. Current projects

Projects currently engaged in	Name of Employer or Representative of Employer	Contact tel. no.	Contract sum	Contractual commencement date	Contractual completion date	Current percentage progress
1						
2						
3						
4						
5						
6						
7						
8						

1.2. Completed projects

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

Name of Tenderer	Signature	Date

T2.3

**RETURNABLE DOCUMENTS : OTHER DOCUMENTS
THAT WILL BE INCOPORATED INTO THE
CONTRACT**

PA-001: DECLARATION OF DESIGNATED GROUPS

Tender no: H25/005/AI

Name of Tenderer

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

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

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

Where Owners are themselves a Company, Close Corporation, Partnership etc, identify the ownership of the Holding Company, together with Registration number
 ## State date of South African citizenship obtained (not applicable to persons born in South Africa)

¹ EME: Exempted Micro Enterprise

² QSE: Qualifying Small Business Enterprise

Any reference to words "Bid" or Bidder" herein and/or in any other documentation shall be construed to have the same meaning as the words "Tender" or "Tenderer".
 For Internal & External Use
 Effective date 21 July 2023

PA-00: DECLARATION OF DESIGNATED GROUPS

Tender no: *H25/005/AI*

2. DECLARATION:

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

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

Signed by the Tenderer

Name of representative	Signature	Date

DPW-15 (EC): SCHEDULE OF PROPOSED SUBCONTRACTORS

Project title:	<i>Department of Labour: Nelspruit Regional Office: Ermelo: Construction of Labour Centre</i>		
Tender no:	<i>H25/005/AI</i>	Reference no:	

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

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

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

Name of representative	Signature	Capacity	Date

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



DPW-22 (EC): PARTICULARS OF ELECTRICAL CONTRACTOR

Project title:	Department of Labour: Nelspruit Regional Office: Ermelo: Construction of Labour Centre		
Tender no:	H25/005/AI	Reference no:	

Name of Electrical Contractor:	
Address:	<div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div>
Electrical Contractor registration number at the Department of Labour	<div></div>

Name of Tenderer	Signature	Date

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

Project title:	<i>Department of Labour: Nelspruit Regional Office: Ermelo: Construction of Labour Centre</i>		
Tender no:	H25/005/AI	Reference no:	

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

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

Provide additional list if space provided is insufficient.

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

These net amounts will be adjusted as follows:

FORMULA:

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

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

A = the amount (R) of adjustment

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

Y = exchange rate at the closing date of tender submission

Z = exchange rate on the date of payment.

Name of Tenderer	Signature	Date

T2.4

RETURNABLE DOCUMENTS: OTHER DOCUMENTS THAT WILL BE INCORPORATED INTO THE CONTRACT

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

Project title:	Department of Labour: Nelspruit Regional Office: Ermelo: Construction of Labour Centre		
Tender no:	H25/005/AI	Reference no:	

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

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

Name of Tenderer	Signature	Date

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

Name of Tenderer	Signature	Date

VOLUME 3
CONTRACT

PART C1

AGREEMENT AND CONTRACT DATA

C1.2

CONTRACT DATA

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

Project title:	Department of Labour: Nelspruit Regional Office: Ermelo: Construction of Labour Centre
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Tender / Quotation no:	H25/005/AI	WCS no:		Reference no:	
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	<p>The Conditions of Contract are clauses 1 to 30 of the JBCC® Principal Building Agreement (Edition 6.2 of May 2018) prepared by the Joint Building Contracts Committee.</p> <p>Contractors are cautioned to read the JBCC PBA and Contract Data (DPW-04 (EC)) together as some clauses in the JBCC PBA have been amended in the Contract Data (DPW-04 (EC)).</p> <p>Copies of these conditions of contract may be obtained through most regional offices of the Association of South African Quantity Surveyors, Master Builders Association, South African Association of Consulting Engineers, South African Institute of Architects, Association of Construction Project Managers, Building Industries Federation South Africa, South African Property Owners Association or Specialist Engineering Contractors Committee.</p> <p>Bidders to note that materials procured for the works should be from South African manufactures and suppliers. Imported materials shall only be considered under exceptional circumstances, based on compelling technical justifications, and subject to the approval by the NDPWI.</p>
	<p>CONTRACT VARIABLES</p> <p>THE SCHEDULE</p> <p>The schedule is the listed variables in this agreement and contains all variables referred to in this document including specific changes made to JBCC® documentation. It is divided into part 1: contract data completed by the employer and part 2: contract data completed by the tenderer. Part 1 must be completed in full and included in the tender documents. Both the part 1 and part 2 form part of this agreement.</p> <p>Spaces requiring information must be filled in, shown as 'not applicable' or deleted but not left blank. Where choices are offered, the non-applicable items are to be deleted. Where insufficient space is provided the information should be annexed hereto and cross referenced to the applicable clause of the schedule. Reference to clause numbers in the JBCC Principal Building Agreement are shown in [square brackets] in this contract data e.g. [3.1].</p>

PART 1: CONTRACT DATA COMPLETED BY THE EMPLOYER:

A PROJECT INFORMATION

A 1.0 Works [1.1]

Works description	Refer to document PG01.2 (EC) – Scope of Works for detailed description

Tender / Quotation no: H25/005/AI

A 2.0 Site [1.1]

Erf / stand number	
Site address	
Township / Suburb	
City / Town	
Province	
Local authority	
GPS Coordinates	

A 3.0 EMPLOYER AND ITS REPRESENTATIVE

A 3.1 Employer:

Official Name of Organ of State / Public Sector Body	Government of the Republic of South Africa in its Department of Public Works & Infrastructure		
Business registration number	Not applicable	VAT number	Not applicable
E-mail		Telephone	
Postal address	insert postal address insert suburb insert town insert postal code		
Physical address	insert physical address insert suburb insert town insert postal code		

A 3.2 Employer's representative:

Name		Telephone number	
E-mail		Mobile number	
Postal address	insert postal address insert suburb insert town insert postal code		
Physical address	insert physical address insert suburb insert town insert postal code		

Tender / Quotation no: H25/005/AI

A 4.0	Principal Agent [1.1; 6.2]	Discipline	
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Name			
Legal entity of above		Contact person	
Practice number		Telephone number	
Country		Mobile number	
E-mail			
Postal address	insert postal address insert suburb insert town insert postal code		
Physical address	insert physical address insert suburb insert town insert postal code		

A 5.0	Agent [1.1; 6.2]	Discipline	
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Name			
Legal entity of above		Contact person	
Practice number		Telephone number	
Country		Mobile number	
E-mail			
Postal address	insert postal address insert suburb insert town insert postal code		
Physical address	insert physical address insert suburb insert town insert postal code		

A 6.0	Agent [1.1; 6.2]	Discipline	
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Name			
Legal entity of above		Contact person	
Practice number		Telephone number	
Country		Mobile number	
E-mail			
Postal address	insert postal address insert suburb insert town insert postal code		
Physical address	insert physical address insert suburb insert town insert postal code		

Tender / Quotation no: H25/005/AI

A 7.0	Agent [1.1; 6.2]	Discipline	
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Name			
Legal entity of above		Contact person	
Practice number		Telephone number	
Country		Mobile number	
E-mail			
Postal address	insert postal address insert suburb insert town insert postal code		
Physical address	insert physical address insert suburb insert town insert postal code		

A 8.0	Agent [1.1; 6.2]	Discipline	
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Name			
Legal entity of above		Contact person	
Practice number		Telephone number	
Country		Mobile number	
E-mail			
Postal address	insert postal address insert suburb insert town insert postal code		
Physical address	insert physical address insert suburb insert town insert postal code		

A 9.0	Agent [1.1; 6.2]	Discipline	
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Name			
Legal entity of above		Contact person	
Practice number		Telephone number	
Country		Mobile number	
E-mail			
Postal address	insert postal address insert suburb insert town insert postal code		
Physical address	insert physical address insert suburb insert town insert postal code		

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

Tender / Quotation no: H25/005/AI

A 10.0	Agent [1.1; 6.2]	Discipline	
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Name			
Legal entity of above		Contact person	
Practice number		Telephone number	
Country		Mobile number	
E-mail			
Postal address	insert postal address insert suburb insert town insert postal code		
Physical address	insert physical address insert suburb insert town insert postal code		

A 11.0	Agent [1.1; 6.2]	Discipline	
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Name			
Legal entity of above		Contact person	
Practice number		Telephone number	
Country		Mobile number	
E-mail			
Postal address	insert postal address insert suburb insert town insert postal code		
Physical address	insert physical address insert suburb insert town insert postal code		

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

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

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

Tender / Quotation no: H25/005/AI

B CONTRACT INFORMATION

B 1.0 Definitions [1.1]

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

B 2.0 Law, regulations and notices [2.0]

Law applicable to the works, state country [2.1]	Law of the Republic of South Africa
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B 3.0 Offer and acceptance [3.0]

Currency applicable to this agreement [3.2]	South African Rand
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B 4.0 Documents [5.0]

The original signed agreement is to be held by the principal agent [5.2], if not, indicate by whom	Employer
Number of copies of construction information issued to the contractor at no cost [5.6] (3 Copies of all relevant construction documentation – this to includes 1 priced Bills of Quantities and 2 unpriced Bills of Quantities)	3

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

B 5.0 Employer's agents [6.0]

Authority is delegated to the following agents to issue contract instructions and perform duties for specific aspects of the works [6.2] [6.7 [CD]]	Principal Agent
Principal agent's and agents' interest or involvement in the works other than a professional interest [6.3]	

Tender / Quotation no: H25/005/AI

B 6.0 Insurances [10.0]

Insurances by contractor

NB: Insurances submitted must be issued by either an insurance company duly registered in terms of the Insurance Act [Long-Term Insurance Act, 1998 (Act 52 of 1998) or Short-Term Insurance Act, 1998 (Act 53 of 1998)] or by a bank duly registered in terms of the Banks Act, 1990 (Act 94 of 1990).

Insured amounts to include VAT.

	New works [10.1.1] With a deductible not exceeding 5% of each and every claim	Contract sum plus 10%	Select
Or	Works with practical completion in sections [10.2] With a deductible not exceeding 5% of each and every claim	Contract sum plus 10%	Select
Or	Works with alterations and additions [10.3] (reinstatement value of existing structures with or including new works) With a deductible not exceeding 5% of each and every claim	Contract sum plus 10%	Select
	Direct contractors [10.1.1; 10.2] where applicable, to be included in the contract works insurance	RPQS to determine value	Select
	Free issue [10.1.1; 10.2] where applicable, to be included in the contract works insurance	RPQS to determine value	Select
	Escalation, professional fees and reinstatement costs must be included in the above respective insurances		Applicable
Supplementary insurance [10.1.2; 10.2]		Contract sum plus 10%	Applicable
Public liability insurance [10.1.3; 10.2]		R 5 000 000	Applicable
Removal of lateral support insurance [10.1.4; 10.2]		R PQS to determine value	Select
Other insurances [10.1.5]			
Hi Risk Insurance Refer B18.0 [10.1.5.1]		R PQS to determine value	Select
Other insurances: If applicable, description 1:		R PQS to determine value	Select
Other insurances; If applicable, description 2:		R PQS to determine value	Select

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B 7.0 Obligations of the employer [12.1]

Existing premises will be in use and occupied [12.1.2]	Select
If applicable, description:	
Restriction of working hours [12.1.2]	Select
If applicable, description:	
Natural features and known services to be preserved by the contractor [12.1.3]	Select
If applicable, description:	
Restrictions to the site or areas that the contractor may not occupy [12.1.4]	Select
If applicable, description:	
Supply of free issue of material and goods [12.1.10]	Select
If applicable, description:	

B 8.0 Appointment of Nominated Subcontractors [14.0]

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

B 9.0 Appointment of Selected Subcontractors [15.0]

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

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B 10.0 Appointment of Direct Contractors [16.0]

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

B 11.0 Works to be completed in sections [20.1]

Select	If applicable, description of sections
Section 1	
Section 2	
Section 3	
Section 4	
Section 5	
Section 6	
Remainder of the works.	

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

B12.1 Contract Period

Contract period [B18: 1.2]: Period in **months** as indicated, include the time from the date of award (commencement date) for submitting contractual obligatory documents, submission of Health & Safety Plan and approval, period for obtaining the Construction Permit (if applicable), the Construction Period and the Defect Liability Period up to and including Final Completion

The contract period is determined as follows (Period/s indicated in months):

Period to submit contractual obligatory documents including submission and approval of health and safety plan by the appointed Health & Safety Agent

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

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

Construction period [B18: 1.2] and Practical Completion for the Works as a whole [19.0] The time for achieving Practical Completion of the whole of the Works is measured from the date of possession of the site by the contractor inclusive of all public holidays, special non-working days and builders' holiday shut down periods .	Select
The date for practical completion for the works as a whole shall be the period in months as indicated, starting from the date of possession of the site by the contractor inclusive of all special non-working days and builders' holiday shut down periods [12.2.7; 24.1]	insert construction period as per B12.1 or N/A if Works in portions
Period for inspection in working days by the principal agent [19.3]	
Penalty amount per calendar day for late Practical Completion , excluding VAT. [24.1]	
Penalty amount per calendar day for late Works Completion Refer B18.0 [19.8]: Thirty percent (30%) of penalty amount per calendar day for late Practical Completion, excluding VAT.	R
Penalty amount per calendar day for late Final Completion [21]: Fifteen percent (15%) of penalty amount per calendar day for late Practical Completion, excluding VAT.	R

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

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

Tender / Quotation no: H25/005/AI

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

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

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

13.10

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B 14.0 Defects liability period [21.0]

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

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

B 15.0 Payment [25.0]

Date of month for issue of regular payment certificates Refer B18.0 [25.2]	
Contract price adjustment / Cost fluctuations Refer [25.3.4; 26.9.5]	Select
If applicable, method to calculate	CPAP
Employer shall pay the contractor within: Refer B18.0 [25.10]	Thirty (30) calendar days

B 16.0 Dispute resolution [30.0]

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

Tender / Quotation no: H25/005/AI

B 17.0 JBCC® General Preliminaries - selections

Provisional bills of quantities [P2.2]		Select
Availability of construction information [P2.3]		Select
Previous work - dimensional accuracy - details of previous contract(s) [P3.1]		Select
Previous work - defects - details of previous contract(s) [P3.2]		Select
Inspection of adjoining properties - details [P3.3]		Select
Handover of site in stages - specific requirements [P4.1]		Select
Enclosure of the works - specific requirements [P4.2]		Select
Geotechnical and other investigations - specific requirements [P4.3]		Select
Existing premises occupied - details [P4.5]		Select
Services - known - specific requirements [P4.6]		Select
Water [P8.1]	By contractor	Select
	By employer	Select
	By employer – metered	Select
Electricity [P8.2]	By contractor	Select
	By employer	Select
	By employer – metered	Select
Ablution and welfare facilities [P8.3]	By contractor	Select
	By employer	Select
Communication facilities - specific requirements [P8.4]		Select
Protection of the works - specific requirements [P11.1]		Select
Protection / isolation of existing works and works occupied in sections - specific requirements [P11.2]		Select
Disturbance - specific requirements [P11.5]		Select
Environmental disturbance - specific requirements [P11.6]		Select

Tender / Quotation no: H25/005/AI

B 18.0 SPECIFIC CHANGES MADE TO JBCC® DOCUMENTATION

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

1.2 Definitions

The following definitions replace corresponding definitions or are added to the definitions in the JBCC PRINCIPAL BUILDING AGREEMENT (Edition 6.2 of May 2018), whatever the case may be.

ADVERSE WEATHER CONDITIONS: Adverse weather and inclement weather has the same meaning and used interchangeably and means any weather conditions i.e.: Rain, wind, snow, frost, temperature (cold or heat) that are not in the norm for the area where the construction takes place and during which no work is possible on site.

AGREEMENT: The completed Form of Offer and Acceptance, the completed JBCC® Principal Building Agreement and contract data for organs of state and other public sector bodies, the contract drawings, the priced document and any other documents reduced to writing and signed by the authorised representative or representatives of the parties.

CONSTRUCTION PERIOD: The period commencing on the date of possession of the **site** by the **contractor** and ending on the date of **practical completion**.

CONTRACT PERIOD: The period commencing on the date of the letter of acceptance and ending on the date of final completion.

COST FLUCTUATION shall mean contract price adjustment provision (CPAP) for the adjustment of fluctuation in the cost of labour, plant, material and goods as stated in the schedule.

DEFAULT INTEREST: No clause.

GUARANTEE FOR CONSTRUCTION: A security in terms of the DPWI's Guarantee for Construction form/s, obtained by the contractor from an institution approved by the employer [CD].

INTEREST: The interest rates applicable on this contract, whether specifically indicated in the relevant clauses or not, will be the rate as determined by the Minister of Finance from time to time, in terms of section 80(1)(b) of the Public Finance Management Act, 1999 (Act No 1 of 1999) as amended, calculated as simple interest, in respect of debts owing to the State, and will be the rate as published by the Minister of Justice and Correctional Services from time to time, in terms of section 1(2) of the Prescribed Rate of Interest Act, 1975 (Act No 55 of 1975) as amended, calculated as simple interest, in respect of debts owing by the State.

LETTER OF ACCEPTANCE: The letter of formal acceptance of the Contractor's or Service Provider's Tender / Bid, issued and signed by the Employer.

PAYMENT CERTIFICATE: A certificate issued at regular agreed intervals [CD] by the principal agent to the parties certifying the amount due and payable in terms of clause 25.3.

PRINCIPAL AGENT: The person or entity appointed by the **employer** and named in the **contract data for organs of state and other public sector bodies**. In the event of a **principal agent** not being appointed, then all the duties and obligations of a **principal agent** as detailed in the **agreement** shall be fulfilled by the employer's representative as named in the **contract data for organs of state and other public sector bodies**.

Tender / Quotation no: H25/005/AI

CONTRACT SPECIFIC DATA

The following contract specific data, referring to the General Conditions of Contract for Construction Works, JBCC PRINCIPAL BUILDING AGREEMENT (Edition 6.2 of May 2018), are applicable to this Contract:

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

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

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

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

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

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

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

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19.8 Continued	<p>(2)(b) Has not been satisfactorily completed, the principal agent shall forthwith identify the works completion list items that are not yet complete and inform the contractor thereof. The contractor shall repeat the procedure in terms of 19.8(2)</p> <p>(3) Should the principal agent not issue a works completion list, in terms of 19.8 (1) or 19.8 (2) (b), within seven (7) calendar days from the end of the inspection period, the contractor shall notify the employer and principal agent. Should the principal agent not issue such Works Completion list within seven (7) calendar days of receipt of such notice, the employer may within seven (7) calendar days issue to the contractor a Works Completion list. Should the employer:</p> <p>(3)(a) Not issue such works completion list within seven (7) calendar days, then the certificate of Works Completion shall be deemed to have been issued on the date of expiry of the initial notice period and works completion shall be deemed to have been achieved on such date</p> <p>(3b) Issue a works completion list and the work on Works Completion list not have been completed or where further defects have become apparent, the employer shall forthwith identify such items on the updated works completion list and notify the contractor. The contractor shall repeat the procedure in terms of 19.8 (2) (b) until such items have been completed to the satisfaction of the employer</p> <p>(4) Should the works completion list not be completed to the satisfaction of the employer within a period of twenty (20) working days of the issue final works completion list the contractor shall be liable to a daily penalty as described in B13.</p> <p>(5) The defects liability period in terms of 21.1 shall commence with the issue or deemed issue of the certificate of Works Completion in terms of 19.8(2)(a) or 19.8(3).</p>
20.2.1.A	<p>Add the following as: 20.2.1.A A certificate of Works Completion [19.8]</p>
21.1	<p>Replace clause 21.1 with the following: The defects liability period for the works shall commence on the calendar day following the date of works completion and end at midnight (00:00) ninety (90) calendar days from the date of works completion [CD] or when work on the list for completion has been satisfactorily attended to [21.6], whichever is the later (if we use works completion).</p>
21.6	<p>Replace clause 21.6 with the following: On the expiry of the ninety (90) calendar days defects liability period [21.1] for items not indicated as items with an extended liability as indicated in B14 and on receipt of the contractor's notice to the principal agent.</p> <p>And/or</p> <p>On the expiry of the defects liability period as indicated in B14, for items indicated in B14 and on receipt of the contractor's notice to the principal agent, the principal agent shall:</p> <p>(1) inspect the works And within ten (10) working days either issue a list for final completion detailing all outstanding work or defects that must be attended to, or rectified to achieve final completion or</p> <p>(2) issue the certificate of final completion to the contractor with a copy to the employer for that part of the works where defects liability period has expired.</p>
21.6.1.	<p>Omit clause.</p>

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

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

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

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

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

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

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

(a)	Minimum Targeted Local Manufacturers of Material Contract Participation Goal, in accordance with the cidb Standard for Contract Participation Goals for Targeting Enterprises and Labour through Construction Works Contracts as published in the Government Gazette Notice No. 41237 of 10 November 2017, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract.	Select
(b)	Minimum Targeted Local Building Material Suppliers Contract Participation Goal in accordance with the cidb Standard for Contract Participation Goals for Targeting Enterprises and Labour through Construction Works Contracts as published in the Government Gazette Notice No. 41237 of 10 November 2017, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract.	Select
(c)	Minimum Targeted Local Labour Skills Development Contract Participation Goal in accordance with the cidb Standard for Contract Participation Goals for Targeting Enterprises and Labour through Construction Works Contracts as published in the Government Gazette Notice No. 41237 of 10 November 2017, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract.	Select
(d)	cidb BUILD Programme: Minimum Targeted Enterprise Development Contract Participation Goal in accordance with the cidb Standard for Indirect Targeting for Enterprise Development through Construction Works Contracts, No 36190 Government Gazette, 25 February 2013, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract.	Select
(e)	cidb BUILD Programme: Minimum Targeted Contract Skills Development Goal in accordance with the cidb Standard for Developing Skills through Infrastructure Contracts as published in the Government Gazette Notice No. 48491 of 28 April 2023. and the cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract.	Select
(f)	DPWI National Youth Service training and development programme (NYS) – Condition of Contract.	Select
(g)	Labour Intensive Works – Condition of Contract.	Select
(h)		Select
(i)		Select

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PART 2: CONTRACT DATA COMPLETED BY THE TENDERER:

C TENDERER'S SELECTIONS

C 1.0 Securities [11.0]

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

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

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

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

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

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

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C 2.0 Payment of preliminaries [25.0]

Contractor's selection

Select Option A or B

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

Payment methods

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

Lump sum contract

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

C 3.0 Adjustment of preliminaries [26.9.4]

Contractor's selection

Select Option A or B

☐

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

Provision of particulars

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

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

Tender / Quotation no: H25/005/AI

Adjustment methods

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

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

Failure to provide particulars within the period stated

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

Lump sum contract

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

C1.3

FORM OF GUARANTEE



DPW-10.3 (EC): VARIABLE CONSTRUCTION GUARANTEE - JBCC 2000 PRINCIPAL BUILDING AGREEMENT (Edition 4.1 of March 2005)

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

To: **Kurhula Mkhansi**
Private Bag X11280
Nelspruit
1200

Sir,

VARIABLE CONSTRUCTION GUARANTEE FOR THE EXECUTION OF A CONTRACT IN TERMS OF JBCC 2000 (4.1 EDITION MARCH 2005)

1. With reference to the contract between _____
_____ (hereinafter referred to as the "**contractor**") and the Government of the Republic of South Africa, in its Department of Public Works, (hereinafter referred to as the "**employer**"), Contract/Tender No: **H25/005/AI**, for the **Department of Labour: Nelspruit Regional Office: Ermelo: Construction of Labour Centre** (hereinafter referred to as the "**contract**" in the amount of R **insert amount, (insert amount in words)** (hereinafter referred as the **contract sum**),
I / We, _____
in my/our capacity as _____ and hereby
representing _____ (hereinafter referred to as the "**guarantor**") advise that the **guarantor** holds at the **employer's** disposal the sum of R **insert amount, (insert amount in words)** being 10% of the **contract sum** (excluding VAT), for the due fulfillment of the contract.
2. I / We advise that the **guarantor's** liability in terms of this guarantee shall be as follows:
 - (a) From and including the date on which this guarantee is issued and up to and including the date of payment of the amount in the last final **payment certificate**, the **guarantor** will be liable in terms of this guarantee to the maximum amount of 10% of the **contract sum** (excluding VAT);
 - (b) The **guarantor's** liability shall reduce to 3 % of the **contract value** (excluding VAT) as determined at the date of the last **certificate of practical completion**, subject to such amount not exceeding 10% of the **contract sum** (excluding VAT).
 - (c) The **guarantor's** liability shall reduce to 1 % of the **contract value** (excluding VAT) as determined at the date of the last **certificate of final completion**, subject to such amount not exceeding 10 % of the **contract sum** (excluding VAT).
 - (d) This guarantee shall expire on the date of the last **final payment certificate**.
 - (e) The **practical completion certificate** and the **final completion certificate** referred to in this guarantee shall mean the certificates issued in terms of the contract.
3. The **guarantor** hereby renounces the benefits of the exceptions *non numeratae pecunia; non causa debiti; excussionis et divisionis; and de duobus vel pluribus reis debendi* which could be pleaded against the enforcement of this guarantee, with the meaning and effect whereof I/we declare myself/ourselves to be conversant, and undertake to pay the **employer** the amount guaranteed on receipt of a written demand from the **employer** to do so, stating that the **employer** has a right of recovery against the **contractor** in terms of 33.0 of the contract.
4. Subject to the above, but without in any way detracting from the **employer's** rights to adopt any of the procedures provided for in the contract, the said demand can be made by the **employer** at any stage prior to the expiry of this guarantee.



5. The amount paid by the **guarantor** in terms of this guarantee may be retained by the **employer** on condition that upon the issue of the last **final payment certificate**, the **employer** shall account to the **guarantor** showing how this amount has been expended and refund any balance due to the **guarantor**.
6. The **employer** shall have the absolute right to arrange his affairs with the **contractor** in any manner which the **employer** deems fit and the **guarantor** shall not have the right to claim his release on account of any conduct alleged to be prejudicial to the **guarantor**. Without derogating from the foregoing, any compromise, extension of the construction period, indulgence, release or variation of the **contractor's** obligation shall not affect the validity of this guarantee.
7. The **guarantor** reserves the right to withdraw from this guarantee at any time by depositing the amount guaranteed with the **employer**, whereupon the **guarantor's** liability ceases.
8. This guarantee is neither negotiable nor transferable, and
 - (a) must be surrendered to the **guarantor** at the time when the **employer** accounts to the **guarantor** in terms of clause 5 above, or
 - (b) shall lapse in accordance with clause 2(d) above.
9. This guarantee shall not be interpreted as extending the **guarantor's** liability to anything more than the payment of the amount guaranteed.

SIGNED AT _____ ON THIS _____ DAY OF _____ 200__

AS WITNESS

1. _____
2. _____

By and on behalf of

(insert the name and physical address of the guarantor)

NAME: _____

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

DATE: _____

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



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

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

FOR ATTENTION

Kurhula Mkhansi
Private Bag X11280
Nelspruit
1200

Sir,

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

1. With reference to the contract between _____
_____ (hereinafter referred to as the "**contractor**") and the Government of the Republic of South Africa in its Department of Public Works and Infrastructure (hereinafter referred to as the "**employer**"), Contract/Tender No: H25/005/AI, for the Department of Labour: Nelspruit Regional Office: Ermelo: Construction of Labour Centre (hereinafter referred to as the "contract") in the amount of R *insert amount*, (*insert amount in words*), (hereinafter referred to as the **contract sum**),
I / We, _____
in my/our capacity as _____ and hereby
representing _____ (hereinafter referred to as the "**guarantor**") advise that the **guarantor** holds at the **employer's** disposal the sum of R *insert amount*, (*insert amount in words*) being 5% of the **contract sum** (excluding VAT), for the due fulfillment of the contract.
2. The **guarantor** hereby renounces the benefits of the exceptions *non numeratae pecunia; non causa debiti; excussionis et divisionis; and de duobus vel pluribus reis debendi* which could be pleaded against the enforcement of this guarantee, with the meaning and effect whereof I/we declare myself/ourselves to be conversant, and undertake to pay the **employer** the amount guaranteed, on receipt of a written demand from the **employer** to do so, stating that the **employer** has a right of recovery against the **contractor** in terms of 33.0 of the contract.
3. Subject to the above, but without in any way detracting from the **employer's** rights to adopt any of the procedures provided for in the contract, the said demand can be made by the **employer**, at any stage prior to the expiry of this guarantee.
4. The amount paid by the **guarantor** in terms of this guarantee may be retained by the **employer** on condition that upon the issue of the last final **payment certificate**, the **employer** shall account to the **guarantor** showing how this amount has been expended and refund any balance due to the **guarantor**.

Tender no: (Insert Tender Number)

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

SIGNED AT _____ ON THIS _____ DAY OF
_____ 20__

AS WITNESS

1. _____
2. _____

By and on behalf of

(insert the name and physical address of the guarantor)

NAME: _____

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

DATE: _____

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

PART C2

PRICING DATA

C2.1

PRICING INSTRUCTIONS

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

Project title:	<i>Department of Labour: Nelspruit Regional Office: Ermelo: Construction of Labour Centre</i>				
Tender / Quotation no:	H25/005/AI	WCS no:		Reference no:	

C2.1 Pricing Assumptions

C2.1.1 BILLS OF QUANTITIES / LUMP SUM DOCUMENT

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

C2.1.2 VALUE ADDED TAX

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

C2.1.3 CORRECTION OF ENTRIES

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

C2.1.4 ARITHMETICAL ERRORS

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

C2.1.5 TRADE NAMES

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

C2.1.6 CONTRACT DOCUMENTS

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

C2.1.7 FIXED PRICE CONTRACT

The Bills of Quantities document is not a fixed price contract and the Tenderers are to take note that contract price adjustments (CPAP) are applicable to this contract.

C2.1.8 PAYMENTS

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

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

C2.1.9 ACCOMMODATION ON SITE

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

C2.1.10 SUBMISSION OF LOCAL MATERIAL UTILISATION REPORT (LOCAL CONTENT)

Submission of Local Material Utilisation Reports is *insert "applicable" or "not applicable"* to this project.

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

The contractor shall be responsible for record keeping, documenting and submission of monthly local material utilization report with supporting documentation to the Employer's representative within 7 working days of the beginning of the successive month, indicating the percentage targets achieved in terms of DTI&C designated industry/sector/sub-sector schedule as per the PA36 and Annexures C attached to the tender document. The final percentage achievement to be reconciled upon completion of the project and form part of the final account. Allowance must be made for submitting reports to the Employer's Representative on a monthly basis in terms of monthly and accumulative targets achieved with audited supporting documentation.

C2.1.11 CONTRACT PARTICIPATION GOALS

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

Prescribed Profit and Attendance percentages have been stipulated, all inclusive of associated costs to the contractor for implementation and allowance for submitting reports to the Employer's

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

Representative on a monthly basis in terms of monthly and accumulative targets achieved with audited supporting documentation.

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

C2.1.11.1 MINIMUM TARGETED LOCAL BUILDING MATERIAL MANUFACTURERS CONTRACT PARTICIPATION GOAL

The Minimum Targeted Local Building Material Manufacturers CPG is *insert "applicable" or "not applicable"* to this project.

Provision is made within the Contract Participation Goal section in the Bill of Quantities for the Minimum Targeted Local Building Material Manufacturers CPG in the execution of this project as described in PG-01.2 (EC) SCOPE OF WORKS C3.6.1. Prescribed Profit and Attendance percentages have been stipulated, all inclusive of associated costs to the contractor for implementation and allowance for submitting reports to the Employer's Representative on a monthly basis in terms of monthly and accumulative targets achieved with audited supporting documentation.

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

The Minimum Targeted Local Building Material Suppliers CPG is *insert "applicable" or "not applicable"* to this project.

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

C2.1.11.3 MINIMUM TARGETED LOCAL LABOUR CONTRACT PARTICIPATION GOAL

The Minimum Targeted Local Labour Skills Development CPG is *insert "applicable" or "not applicable"* to this project.

Provision is made within the Contract Participation Goal section in the Bill of Quantities for the Minimum Targeted Local Labour CPG in the execution of this project as described in PG-01.2 (EC) SCOPE OF WORKS C3.6.3. Prescribed Profit and Attendance percentages have been stipulated, all inclusive of associated costs to the contractor for implementation and allowance for submitting reports to the Employer's Representative on a monthly basis in terms of monthly and accumulative targets achieved with audited supporting documentation.

C2.1.11.4 MINIMUM TARGETED ENTERPRISE DEVELOPMENT CONTRACT PARTICIPATION GOAL

The Minimum Targeted Enterprise Development Contract Participation Goal is *insert "applicable" or "not applicable"* to this project.

A provisional amount has been allowed for within the Contract Participation Goal section in the Bill of Quantities for the Minimum Targeted Enterprise Development CPG in the execution of this project as described in PG-01.2 (EC) SCOPE OF WORKS C3.6.4. The provisional amount allowed is for the appointment of training coordinator, mentor, training service providers and training of the beneficiary enterprises. The provisional amount will be adjusted in accordance with the actual Contract Amount (Awarded tender amount excluding allowance, provisional amounts and VAT) of the awarded bid.

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Prescribed Profit and Attendance percentages have been stipulated, all inclusive of associated costs to the contractor for implementation and allowance for submitting reports to the Employer's Representative on a monthly basis in terms of monthly and accumulative targets achieved with audited supporting documentation.

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

C2.1.11.5 MINIMUM TARGETED TARGETED CONTRACT SKILLS DEVELOPMENT GOALS (CSDG)

The Minimum Targeted Contract Skills Development CPG is *insert "applicable" or "not applicable"* to this project.

A provisional amount has been allowed for within the Contract Participation Goal section in the Bill of Quantities for the Minimum Targeted Skills Development CPG in the execution of this project as described in PG-01.2 (EC) SCOPE OF WORKS C3.6.5. The provisional amount allowed is for:

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

The provisional amount will be adjusted in accordance with the actual Contract Amount (Awarded tender amount excluding allowance, provisional amounts and VAT) of the awarded bid.

Prescribed Profit and Attendance percentages have been stipulated, all inclusive of associated costs to the contractor for implementation and allowance for submitting reports to the Employer's Representative on a monthly basis in terms of monthly and accumulative targets achieved with audited supporting documentation.

The contractor shall complete a separate bill of quantities upon the award of the project and identification of the respective beneficiaries. The CPG value to be achieved will be based on the actual contract amount which will be offset against the provisional amount allowed for within the Contract Participation Goal section in the Bill of Quantities.

Payment

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

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

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

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

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Table 2: Contracting skills development goals for different classes of engineering and construction works contracts

Source: cidb Standard for Developing Skills through Infrastructure Contracts as published in the Government Gazette Notice No 48491 Government Gazette, 23 April 2023 (Table 2, Page 7)

Class of construction works as identified in terms of Regulation 25 (3) of the Construction Industry Regulations 2004		Construction skills development goal (CSDG) (%)
Designation	Description	
CE	Civil Engineering	0.25
CE and GB	Civil engineering and General Building	0.375
EE	Electrical Engineering works (buildings)	0.25
EP	Electrical Engineering works (infrastructure)	0.25
GB	General Building	0.5
ME	Mechanical Engineering works	0.25
SB	Specialist	0.25

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

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

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

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

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

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

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

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

Table 3: The notional cost of providing training opportunities per quarter

Source: cidb Standard for Developing Skills through Infrastructure Contracts as published in the Government Gazette Notice No 48491 Government Gazette, 23 April 2023 (table 3, Page 9)

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

Note: The notional cost of providing training opportunities will increase by CPI on an annual basis based on April CPI. Should the rates increase after bid award or during construction the rates will be adjusted as a provisional item.

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

Contract amount R65 700 000
 Contract duration 12 Months
 CSDG 0,50%
 Minimum CSDG target $0,50\% \times R65\,700\,000 = R328\,500$ (Minimum requirement)

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

C2.1.11.6 NATIONAL YOUTH SERVICE TRAINING AND DEVELOPMENT PROGRAMME

The National Youth Service Training and Development Programme is *insert "applicable" or "not applicable"* to this project.

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

Provision has been made within the Contract Participation Goal section in the Bill of Quantities for the National Youth Service Training and Development Programme CPG in the execution of this project as described in PG-01.2 (EC) SCOPE OF WORKS C3.6.6.

Prescribed Profit and Attendance percentages have been stipulated, all inclusive of associated costs to the contractor for implementation and allowance for submitting reports to the Employer's

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Representative on a monthly basis in terms of monthly and accumulative targets achieved with audited supporting documentation.

C2.1.11.7 LABOUR-INTENSIVE WORKS

Labour Intensive Works is *insert "applicable" or "not applicable"* to this project.

Where labour intensive work is specified in the Bill of Qualities and indicated by "LI" the contractor must price for and include in rates. Contractors are expected to use their initiative to identify additional activities that can be done labour-intensively to comply with the set minimum labour intensity target. Provision has been made within the Contract Participation Goal section in the Bill of Quantities for the monthly reporting illustrating the value of the works executed under Labour Intensive Works CPG in the execution of this project as described in PG-01.2 (EC) SCOPE OF WORKS C3.6.7 and any other supplementary specifications.

Prescribed Profit and Attendance percentages have been stipulated, all inclusive of associated costs to the contractor for implementation and allowance for submitting reports to the Employer's Representative on a monthly basis in terms of monthly and accumulative targets achieved with audited supporting documentation.

C2.2 Submission of Accrual Reports

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

C2.2

BILLS OF QUANTITIES/LUMP SUM DOCUMENT (IF NOT A RETURNABLE DOCUMENT)

BUILDING WORK / SPECIFICATION

Item
No

Quantity

Rate

Amount

SECTION 1**BILL NO 1****PRELIMINARIES****MEANING OF TERMS
"TENDER/TENDERER"**

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

PRELIMINARIES

The JBCC Preliminaries Code 2103, May 2005 edition for use with the JBCC Principal Building Agreement Edition 4.1 Code 2101, March 2005 is taken to be incorporated herein. The tenderer is deemed to have referred to these documents for the full intent and meaning of each clause. These clauses are referred to by number and heading only. Where standard clauses or options are not applicable to the contract such modifications or corrections as are necessary are given under each relevant clause. Where an item is not relevant to this specific contract such item is marked "N/A" signifying "Not Applicable"

PRICING OF PRELIMINARIES

Should Option A, as set out in clause B10.3.1 hereinafter be used for the adjustment of preliminaries then each item priced is to be allocated to one or more of the three categories Fixed, Value Related or Time Related and the respective amounts entered in the spaces provided under each item

Items not priced in these Preliminaries shall be deemed to be included elsewhere in these Bills of Quantities

**SECTION A: JBCC PRINCIPAL BUILDING
AGREEMENT****Carried Forward**

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Brought Forward

R

Definitions and Interpretation (A1-A7)

1 Clause 1.0 - Definitions and interpretation

Clause 1.1 Definition of "commencement date" is added

"COMMENCEMENT DATE" means the date that the **agreement**, made in terms of the Form of Offer and Acceptance, comes into effect

Clause 1.1 Definition of **"construction guarantee"** is amended by replacing the following:

"CONSTRUCTION GUARANTEE" means a guarantee at call obtained by the **contractor** from an institution approved by the **employer** in terms of the **employer's** construction guarantee form as selected in the **schedule**

Clause 1.1 Definition of **"Construction Period"** is amended by replacing it with the following:

"CONSTRUCTION PERIOD" means the period commencing on the **commencement date** and ending on the date of **practical completion**

Clause 1.1 Definition of **"Corrupt Practice"** is added:

"CORRUPT PRACTICE" means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution

Clause 1.1 Definition of **"Fraudulent Practice"** is added:

"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 the tender submission) designed to establish tender prices at artificial non-competitive levels and to deprive the tenderer of the benefits of free and open competition

Clause 1.1 Definition of "Interest" is added:

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	<p>"INTEREST" means the interest rates applicable on this contract, whether specifically indicated in the relevant clauses or not, will be the rate as determined by the Minister of Finance, from time to time, in terms of section 80(1)(b) of the Public Finance Management Act, 1999 (Act No. 1 of 1999)</p> <p>Clause 1.1 Definition of "Principal Agent" is amended by replacing it with the following:</p> <p>"PRINCIPAL AGENT" means the person or entity appointed by the employer and named in the schedule. In the event of a principal agent not being appointed, then all the duties and obligations of a principal agent as detailed in the agreement shall be fulfilled by a representative of the employer as named in the schedule</p> <p>Clause 1.1 Definition of "Security" is amended by replacing it with the following:</p> <p>"SECURITY" means the form of security provided by the employer or contractor, as stated in the schedule, from which the contractor or employer may recover expense or loss</p> <p>Clause 1.6 is amended by replacing the words "prepaid registered post, telefax or e-mail" with "prepaid registered post or telefax"</p> <p>Clause 1.6.4 is amended by replacing it with the following:</p> <p>F:..... V:..... T:.....</p>		
2	<p>Clause 2.0 - Offer, acceptance and performance</p> <p>F:..... V:..... T:..... ..</p>	Item	
3	<p>Clause 3.0 - Documents</p> <p>Clause 3.2.1 is amended by replacing "14.1" with 14.0</p> <p>Clause 3.7 is amended by the addition of the following:</p>	Item Item	
	Carried Forward		R
	<p>Section No 1 Bill No 1 Preliminaries</p>		

Brought Forward		R
<p>The contractor shall supply and keep a copy of the JBCC Series 2000 Principal Building Agreement and Preliminaries applicable to this contract on the site, to which the employer, principal agent and agents shall have access at all times</p> <p>F:..... V:..... T:.....</p>		
4	<p>Clause 4.0 - Design responsibility</p> <p>Clause 4.3 is amended by replacing it with the following:</p> <p>No clause</p> <p>F:..... V:..... T:.....</p>	Item
5	<p>Clause 5.0 - Employer's agents</p> <p>Clause 5.1.2 is amended to include clauses 32.6.3, 34.3, 34.4 and 38.5.8</p> <p>F:..... V:..... T:.....</p>	Item
6	Clause 6.0 - Site representative	
7	<p>Clause 7.0 - Compliance with regulations</p> <p>Note: A separate clause has been included in Section C: Specific Preliminaries of the bills of quantities / lump sum document for the contractor to have the opportunity to price for all the requirements of the Occupational Health and Safety Act, Construction Regulations and Health and Safety Specification</p> <p>F:.....V:.....T:..... ..</p>	Item
Insurance and security (A8-A14)		
8	<p>Clause 8.0 - Works risk</p> <p>F:..... V:..... T:.....</p>	Item
9	Clause 9.0 - Indemnities	
Carried Forward		R
<p>Section No 1 Bill No 1 Preliminaries</p>		

	Brought Forward		R
	F:..... V:..... T:.....	Item	
10	<p>Clause 10.0 - Works insurances</p> <p>Clause 10.0 is amended by the addition of the following clauses:</p> <p>10.5 Damage to the Works</p> <p>(a) Without in any way limiting the contractor's obligations in terms of the contract, the contractor shall bear the full risk of damage to and/or destruction of the works by whatever cause during construction of the works and hereby indemnifies and holds harmless the employer against any such damage. The contractor shall take such precautions and security measures and other steps for the protection and security of the works as the contractor may deem necessary</p> <p>(b) The contractor shall at all times proceed immediately to remove or dispose of any debris arising from damage to or destruction of the works and to rebuild, restore, replace and/or repair the works</p> <p>(c) The employer shall carry the risk of damage to or destruction of the works and materials paid for by the employer that is the result of the excepted risks as set out in 10.6</p> <p>(d) Where the employer bears the risk in terms of this contract, the contractor shall, if requested to do so, reinstate any damage or destroyed portions of the works and the costs of such reinstatement shall be measured and valued in terms of 32.0 hereof</p> <p>10.6 Injury to Persons or loss of or damage to Properties</p>		
	Carried Forward		R
<p>Section No 1 Bill No 1 Preliminaries</p>			

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- (a) The **contractor** shall be liable for and hereby indemnifies the **employer** against any liability, loss, claim or proceeding whether arising in common law or by statute, consequent upon personal injuries to or the death of any person whomsoever arising out of or in the course of or caused by the execution of the **works** unless due to any act or negligence of any person for whose actions the **employer** is legally liable
- (b) The **contractor** shall be liable for and hereby indemnifies the **employer** against any liability, loss, claim or proceeding consequent upon loss of or damage to any moveable or immovable or personal property or property contiguous to the **site**, whether belonging to or under the control of the **employer** or any other body or person, arising out of or in the course of or by reason of the execution of the **works** unless due to any act or negligence of any person for whose actions the **employer** is legally liable
- (c) The **contractor** shall, upon receiving a **contract instruction** from the **principal agent**, cause the same to be made good in a perfect and workmanlike manner at his own cost and in default thereof the **employer** shall be entitled to cause it to be made good and to recover the cost thereof from the **contractor** or to deduct the same from amounts due to the **contractor**
- (d) The **contractor** shall be responsible for the protection and safety of such portions of the premises placed under his control by the **employer** for the purpose of executing the **works** until the issue of the **certificate of practical completion**

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- (e) Where the execution of the **works** involves the risk of removal of or interference with support to adjoining properties including land or structures or any structures to be altered or added to, the **contractor** shall obtain adequate insurance and will remain adequately insured or insured to the specific limit stated in the contract against the death of or injury to persons or damage to such property consequent on such removal or interference with the support until such portion of the **works** has been completed
- (f) The **contractor** shall at all times proceed immediately at his own cost to remove or dispose of any debris and to rebuild, restore, replace and/or repair such property and to execute the **works**

10.7 High risk insurance

In the event of the project being executed in a geological area classified as a "High Risk Area", that is an area which is subject to highly unstable subsurface conditions that might result in catastrophic ground movement evident by sinkhole or doline formation the following will apply:

10.7.1 Damage to the works

The **contractor** shall, from the **commencement date** of the **works** until the date of the **certificate of practical completion** bear the full risk of and hereby indemnifies and holds harmless the **employer** against any damage to and/or destruction of the **works** consequent upon a catastrophic ground movement as mentioned above. The **contractor** shall take such precautions and security measures and other steps for the protection of the **works** as he may deem necessary

When so instructed to do so by the **principal agent**, the **contractor** shall proceed immediately to remove and/or dispose of any debris arising from damage to or destruction of the **works** and to rebuild, restore, replace and/or repair the **works**, at the **contractor's** own costs

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10.7.2 Injury to persons or loss of or damage to property

The **contractor** shall be liable for and hereby indemnifies and holds harmless the **employer** against any liability, loss, claim or proceeding arising at any time during the period of the contract whether arising in common law or by statute, consequent upon personal injuries to or the death of any person whomsoever resulting from, arising out of, or caused by a catastrophic ground movement as mentioned above

The **contractor** shall be liable for and hereby indemnifies the **employer** against any and all liability, loss, claim or proceeding consequent upon loss of or damage to any moveable or immovable or personal property or property contiguous to the **site**, whether belonging to or under the control of the **employer** or any other body or person whomsoever arising out of or caused by a catastrophic ground movement, as mentioned above, which occurred during the period of the contract

10.7.3 It is the responsibility of the **contractor** to ensure that he has adequate insurance to cover his risk and liability as mentioned in 10.7.1 and 10.7.2. Without limiting the **contractor's** obligations in terms of the contract, the **contractor** shall, within twenty-one (21) **calendar days** of the **commencement date** but before commencement of the **works**, submit to the **employer** proof of such insurance policy, if requested to do so

10.7.4 The **employer** shall be entitled to recover any and all losses and/or damages of whatever nature suffered or incurred consequent upon the **contractor's** default of his obligations as set out in 10.7.1; 10.7.2 and 10.7.3. Such losses or damages may be recovered from the **contractor** or by deducting the same from any amounts still due under this contract or under any other contract presently or hereafter existing between the **employer** and the **contractor** and for this purpose all these contracts shall be considered one indivisible whole

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

Item

11 Clause 11.0 - Liability insurances

Carried Forward

R

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Brought Forward		R
F:.....	V:.....	
T:.....		
12	Clause 12.0 - Effecting insurances	Item
F:.....	V:.....	
T:.....		Item
13	Clause 13.0 - No clause	
14	Clause 14.0 - Security	
<p>Clauses 14.1 - 14.8 are amended by replacing them with the following:</p> <p>14.1 In respect of contracts with a contract sum up to R1 million, the security to be provided by the contractor to the employer will be a payment reduction of five per cent (5%) of the value certified in the payment certificate (excluding VAT)</p> <p>14.1.1 The payment reduction of the value certified in a payment certificate shall be <i>mutatis mutandi</i> in terms of 31.8(A)</p> <p>14.1.2 The employer shall be entitled to recover expense and loss from the payment reduction in terms of 33.0 provided that the employer complies with the provisions of 33.4 in which event the employer's entitlement shall take precedence over his obligations to refund the payment reduction security or portions thereof to the contractor</p> <p>14.2 In respect of contracts with a contract sum above R1 million, the contractor shall have the right to select the security to be provided in terms of 14.3, 14.4, 14.5, 14.6, or 14.7 as stated in the schedule. Such security shall be provided to the employer within twenty-one (21) calendar days from commencement date. Should the contractor fail to select the security to be provided or should the contractor fail to provide the employer with the selected security within twenty-one (21) calendar days from commencement date, the security in terms of 14.7 shall be deemed to have been selected</p> <p>14.3 Where security as a cash deposit of ten per cent (10%) of the contract sum (excluding VAT) has been selected:</p>		
Carried Forward		R
Section No 1 Bill No 1 Preliminaries		

<p style="text-align: right;">Brought Forward</p> <p>14.3.1 The contractor shall furnish the employer with a cash deposit equal in value to ten per cent (10%) of the contract sum (excluding VAT) within twenty-one (21) calendar days from commencement date</p> <p>14.3.2 Within twenty-one (21) calendar days of the date of practical completion of the works the employer shall reduce the cash deposit to an amount equal to three per cent (3%) of the contract value (excluding VAT), and refund the balance to the contractor</p> <p>14.3.3 Within twenty-one (21) calendar days of the date of final completion of the works the employer shall reduce the cash deposit to an amount equal to one per cent (1%) of the contract value (excluding VAT) and refund the balance to the contractor</p> <p>14.3.4 On the date of payment of the amount in the final payment certificate, the employer shall refund the remainder of the cash deposit to the contractor</p> <p>14.3.5 The employer shall be entitled to recover expense and loss from the cash deposit in terms of 33.0 provided that the employer complies with the provisions of 33.4 in which event the employer's entitlement shall take precedence over his obligations to refund the cash deposit security or portions thereof to the contractor</p> <p>14.3.6 The parties expressly agree that neither the employer nor the contractor shall be entitled to cede the rights to the deposit to any third party</p> <p>14.4 Where security as a variable construction guarantee of ten percent (10%) of the contract sum (excluding VAT) has been selected:</p>		R	
<p style="text-align: right;">Carried Forward</p> <p>Section No 1 Bill No 1 Preliminaries</p>		R	

<p style="text-align: right;">Brought Forward</p> <p>14.4.1 The contractor shall furnish the employer with an acceptable variable construction guarantee equal in value to ten per cent (10%) of the contract sum (excluding VAT) within twenty-one (21) calendar days from commencement date</p> <p>14.4.2 The variable construction guarantee shall reduce and expire in terms of the Variable Construction Guarantee form included in the invitation to tender</p> <p>14.4.3 The employer shall return the variable construction guarantee to the contractor within fourteen (14) calendar days of it expiring</p> <p>14.4.4 Where the employer has a right of recovery against the contractor in terms of 33.0, the employer shall issue a written demand in terms of the variable construction guarantee</p> <p>14.5 Where security as a fixed construction guarantee of five per cent (5%) of the contract sum (excluding VAT) and a five per cent (5%) payment reduction of the value certified in the payment certificate (excluding VAT) has been selected:</p> <p>14.5.1 The contractor shall furnish a fixed construction guarantee to the employer equal in value to five per cent (5%) of the contract sum (excluding VAT)</p> <p>14.5.2 The fixed construction guarantee shall come into force on the date of issue and shall expire on the date of the last certificate of practical completion</p> <p>14.5.3 The employer shall return the fixed construction guarantee to the contractor within fourteen (14) calendar days of it expiring</p> <p>14.5.4 The payment reduction of the value certified in a payment certificate shall be in terms of 31.8 (A) and 34.8</p>		R	
<p style="text-align: right;">Carried Forward</p> <p>Section No 1 Bill No 1 Preliminaries</p>		R	

Brought Forward

R

- 14.5.5 Where the **employer** has a right of recovery against the **contractor** in terms of 33.0, the **employer** shall be entitled to issue a written demand in terms of the fixed **construction guarantee** or may recover from the payment reduction or may do both
- 14.6 Where **security** as a cash deposit of five per cent (5%) of the **contract sum** (excluding VAT) and a payment reduction of five per cent (5%) of the value certified in the **payment certificate** (excluding VAT) has been selected:
- 14.6.1 The **contractor** shall furnish the **employer** with a cash deposit equal in value to five per cent (5%) of the **contract sum** (excluding VAT) within twenty-one (21) **calendar days** from **commencement date**
- 14.6.2 Within twenty-one (21) **calendar days** of the date of **practical completion** of the **works** the **employer** shall refund the cash deposit in total to the **contractor**
- 14.6.3 The payment reduction of the value certified in a **payment certificate** shall be *mutatis mutandi* in terms of 31.8(A)
- 14.6.4 Where the **employer** has a right of recovery against the **contractor** in terms of 33.0, the **employer** may issue a written notice in terms of 33.4 or may recover from the payment reduction or may do both
- 14.7 Where **security** as a payment reduction of ten per cent (10%) of the value certified in the **payment certificate** (excluding VAT) has been selected:
- 14.7.1 The payment reduction of the value certified in a **payment certificate** shall be *mutatis mutandi* in terms of 31.8(B)

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R

14.7.2 The **employer** shall be entitled to recover expense and loss from the payment reduction in terms of 33.0 provided that the **employer** complies with the provisions of 33.4 in which event the **employer's** entitlement shall take precedence over his obligations to refund the payment reduction or portions thereof to the **contractor**

14.8 Payments made by the guarantor to the **employer** in terms of the fixed or variable **construction guarantee** shall not prejudice the rights of the **employer** or **contractor** in terms of this **agreement**

14.9 Should the **contractor** fail to furnish the **security** in terms of 14.2, the **employer**, in his sole discretion and without notification to the **contractor**, is entitled to change the **contractor's** selected form of **security** to that of a ten per cent (10%) payment reduction of the value certified in the **payment certificate** (excluding VAT), whereafter 14.7 shall be applicable

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

Item

Execution (A15 - A21)

15 Clause 15.0 - Preparation for and execution of the works

Clause 15.1.1 is amended by replacing it with:

No clause

Clause 15.1.2 is amended by replacing it with:

The **security** selected in terms of 14.0

Clause 15.1 is amended by the addition of the following clause:

15.1.4 An acceptable health and safety plan, required in terms of the Occupational Health and Safety Act, 1993 (Act 85 of 1993), within twenty-one (21) **calendar days** of **commencement date**

Carried Forward

R

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Brought Forward		R
	<p>Clause 15.2.1 is amended by replacing it with the following clause:</p> <p>Give the contractor possession of the site within ten (10) working days of the contractor complying with the terms of 15.1.4</p> <p>F:..... V:..... T:.....</p>	Item
16	<p>Clause 16.0 - Access to the works</p> <p>F:..... V:..... T:.....</p>	Item
17	<p>Clause 17.0 - Contract instructions</p> <p>Acceleration</p> <p>Clause 17.1.11 is amended by deleting the words "and the appointment of nominated and selected subcontractors"</p> <p>F:..... V:..... T:.....</p>	Item
18	<p>Clause 18.0 - Setting out of the works</p> <p>F:..... V:..... T:.....</p>	Item
19	<p>Clause 19.0 - Assignment</p> <p>F:..... V:..... T:.....</p>	Item
20	<p>Clause 20.0 - Nominated subcontractors</p> <p>Clause 20.1.3 is amended by replacing it with the following:</p> <p>No clause</p> <p>Note: See item B9.1 hereinafter for adjustment of attendance on nominated subcontractors executing work allowed for under provisional sums</p>	
Carried Forward		R
<p>Section No 1 Bill No 1 Preliminaries</p>		

Brought Forward			R
	F:..... V:..... T:.....	Item	
21	Clause 21.0 - Selected subcontractor Clause 21 is amended by replacing it with: No clause F:..... V:..... T:.....	Item	
22	Clause 22.0 - Employer's direct contractors F:..... V:..... T:.....	Item	
23	Clause 23.0 - Contractor's direct contractors F:..... V:..... T:.....	Item	
Completion (A24 - A30)			
24	Clause 24.0 - Practical completion F:..... V:..... T:.....	Item	
25	Clause 25.0 - Works completion F:..... V:..... T:.....	Item	
26	Clause 26.0 - Final completion Clause 26.1.2 is amended by inserting "#" next to 26.1.2 F:..... V:..... T:.....	Item	
27	Clause 27.0 - Latent defects liability period F:..... V:..... T:.....	Item	
Carried Forward			R
Section No 1 Bill No 1 Preliminaries			

Brought Forward			R
28	<p>Clause 28.0 - Sectional completion</p> <p>F:..... V:..... T:.....</p>	Item	
29	<p>Clause 29.0 - Revision of date for practical completion</p> <p>Clause 29.2.5 is amended by replacing it with:</p> <p>No clause</p> <p>F:..... V:..... T:.....</p>	Item	
30	<p>Clause 30.0 - Penalty for late or non-completion</p> <p>F:..... V:..... T:.....</p> <p>Payment (A31 - A35)</p>	Item	
31	<p>Clause 31.0 - Interim payment to the contractor</p> <p>Clause 31.5.2 is amended by replacing "14.7.1" with "14.0"</p> <p>Clause 31.8 is amended by replacing it with the following two alternative clauses</p> <p>Alternative A</p> <p>31.8(A) Where a security is selected in terms of 14.1; 14.5 or 14.6, the value of the works in terms of 31.4.1 and materials and goods in terms of 31.4.2 shall be certified in full. The value certified shall be subject to the following percentage adjustments:</p> <p>31.8(A).1 Ninety-five per cent (95%) of such value in interim payment certificates issued up to the date of practical completion</p> <p>31.8(A).2 Ninety-seven per cent (97%) of such value in interim payment certificates issued on the date of practical completion and up to but excluding the date of final completion</p>		
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31.8(A).3 Ninety-nine per cent (99%) of such value in interim **payment certificates** issued on the date of **final completion** and up to but excluding the final **payment certificate** in terms of 34.6

31.8(A).4 One hundred per cent (100%) of such value in the final **payment certificate** in terms of 34.6 except where the amount certified is in favour of the **employer**. In such an event the payment reduction shall remain at the adjustment level applicable to the final **payment certificate**

Alternative B

31.8(B) Where **security** as a payment reduction in terms of 14.7 has been selected, the value of the **works** in terms of 31.4.1 and **materials and goods** in terms of 31.4.2 shall be certified in full. The value certified shall be subject to the following percentage adjustments:

31.8(B).1 Ninety per cent (90%) of such value in interim **payment certificates** issued up to the date of **practical completion**

31.8(B).2 Ninety-seven per cent (97%) of such value in interim **payment certificates** issued on the date of **practical completion** and up to but excluding the date of **final completion**

31.8(B).3 Ninety-nine per cent (99%) of such value in interim **payment certificates** issued on the date of **final completion** and up to but excluding the final **payment certificate** in terms of 34.6

31.8(B).4 One hundred per cent (100%) of such value in the final **payment certificate** in terms of 34.6 except where the amount certified is in favour of the **employer**. In such an event the payment reduction shall remain at the adjustment level applicable to the final **payment certificate**

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<p>Clause 31.12 is amended by deleting the following:</p> <p>Payment shall be subject to the employer giving the contractor a tax invoice for the amount due</p> <p>F:..... V:..... T:.....</p>		Item
32	<p>Clause 32.0 - Adjustment of the contract value and final account</p> <p>Clauses 32.5.1, 32.5.4 and 32.5.7 are amended by the addition of the following at the end of the sentence:</p> <p>"due to no fault of the contractor"</p> <p>F:..... V:..... T:.....</p>	Item
33	<p>Clause 33.0 - Recovery of expense and/or loss</p> <p>F:..... V:..... T:.....</p>	Item
34	<p>Clause 34.0 - Final account final payment</p> <p>Clause 34.1 is amended by removing "#" next to 34.1</p> <p>Clause 34.2 is amended by inserting "#" next to 34.2</p> <p>Clause 34.8 is amended by deleting the words "where security as a fixed construction guarantee in terms of 14.4 has been selected or where payment reduction has been applied in terms of 14.7.1"</p> <p>Clause 34.13 is amended by replacing "seven (7) calendar days" with "twenty-one (21) calendar days" and deleting the words "subject to the employer giving the contractor a tax invoice for the amount due"</p> <p>F:..... V:..... T:.....</p>	Item
35	<p>Clause 35 - Payment to other parties</p> <p>F:..... V:..... T:.....</p>	Item
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Cancellation (A36 - A39)

36 Clause 36.0 - Cancellation by **employer - contractor's** default

Item

Clause 36.1 is amended by the addition of the following clauses:

36.1.3 refuses or neglects to comply strictly with any of the conditions of contract

36.1.4 estate being sequestrated, liquidated or surrendered in terms of the insolvency laws in force within the Republic of South Africa

36.1.5 in the judgement of the **employer**, has engaged in **corrupt** or **fraudulent practices** in competing for or in executing the contract

Clause 36.3 is amended by removing the reference to "No clause" and replacing the words "**principal agent**" with "**employer**"

36.7 Notwithstanding any clause to the contrary, on cancellation of this **agreement** either by the **employer** or the **contractor**; or for any reason whatsoever, the **contractor** shall on written instruction, discontinue with the **works** on a date stated and withdraw himself from the **site**. The **contractor** shall not be entitled to refuse to withdraw from the **works** on the grounds of any lien or right of retention or on the grounds of any other right whatsoever

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

Item

37 Clause 37.0 - Cancellation by **employer** - loss of damage

Clause 37.3.5 is amended by replacing "ninety (90)" with "one-hundred and twenty (120)"

Clause 37.0 is amended by the addition of the following clause:

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	<p>37.5 Notwithstanding any clause to the contrary, on cancellation of this agreement either by the employer or the contractor; or for any reason whatsoever, the contractor shall on written instruction, discontinue with the works on a date stated and withdraw himself from the site. The contractor shall not be entitled to refuse to withdraw from the works on the grounds of any lien or right of retention or on the grounds of any other right whatsoever</p> <p>F:..... V:..... T:.....</p>	
38	<p>Clause 38.0 - Cancellation by contractor - employer's default</p> <p>Clause 38.5.4 is amended by replacing "ninety (90)" with "one-hundred and twenty (120)"</p> <p>Clause 38.0 is amended by the addition of the following clause:</p> <p>38.7 Notwithstanding any clause to the contrary, on cancellation of this agreement either by the employer or the contractor; or for any reason whatsoever, the contractor shall on written instruction, discontinue with the works on a date stated and withdraw himself from the site. The contractor shall not be entitled to refuse to withdraw from the works on the grounds of any lien or right of retention or on the grounds of any other right whatsoever</p> <p>F:..... V:..... T:.....</p>	Item
39	<p>Clause 39.0 - Cessation of the works</p> <p>Clause 39.3.5 is amended by the addition of the following at the end of the sentence:</p> <p>"within one hundred and twenty (120) working days of completion of such a report"</p> <p>F:..... V:..... T:..... ..</p>	Item
	Dispute (A40)	
40	Clause 40.0 - Dispute settlement	
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	<p>Clause 40.2.2 is amended by replacing "one (1) year" with "three (3) years"</p> <p>Clause 40.6 is amended by removing the reference to:</p> <p>No clause</p> <p>Clause 40.7.1 is amended by replacing "(10)" with "(15)" and by the addition of the following:</p> <p>Whether or not mediation resolves the dispute, the parties shall bear their own costs concerning the mediation and equally share the costs of the mediator and related costs</p> <p>F:..... V:..... T:.....</p>	Item	
41	<p>Clause 41.0 - State clauses</p> <p>F:..... V:..... T:.....</p> <p>Contact variables (A42)</p>	Item	
42	<p>Clause 42.0 - The schedule (DPW-04EC)</p> <p>Tenderers are referred to the Contract Data DPW-04(EC) for variables pertaining to this contract</p> <p>F:..... V:..... T:.....</p>	Item	
	SECTION B: JBCC PRELIMINARIES		
	Definitions and interpretation (B1)		
43	<p>See also clause A1.0 of Section A for additional and/or amended definitions which shall apply equally to this Section</p> <p>F:..... V:..... T:.....</p>	Item	
	Carried Forward		R
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Documents (B2)

44 Clause 2.1 - Checking of documents

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

Item

45 Clause 2.2 - Provisional **bills of quantities**

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

Item

46 Clause 2.3 - Availability of **construction information**

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

Item

47 Clause 2.4 - Interest of agents

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

Item

48 Clause 2.5 - Priced documents

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

Item

49 Clause 2.6 - Tender submission

Clause 2.6 is amended by replacing "JBCC Form of
Tender" with "Form of Offer and
Acceptance DPW-07(EC)"

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

Item

The site (B3)

50 Clause 3.1 - Define works area

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

Item

51 Clause 3.2 - Geotechnical investigation

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

Item

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52	Clause 3.3 - Inspection of the site F:..... V:..... T:.....	Item	
53	Clause 3.4 - Existing premises occupied F:..... V:..... T:.....	Item	
54	Clause 3.5 - Previous work - dimensional accuracy F:..... V:..... T:.....	Item	
55	Clause 3.6 - Previous work - defects F:..... V:..... T:.....	Item	
56	Clause 3.7 - Services - known F:..... V:..... T:.....	Item	
57	Clause 3.8 - Services - unknown F:..... V:..... T:.....	Item	
58	Clause 3.9 - Protection of trees F:..... V:..... T:.....	Item	
59	Clause 3.10 - Articles of value F:..... V:..... T:.....	Item	
60	Clause 3.11 - Inspection of adjoining protection F:..... V:..... T:.....	Item	
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Management of contract (B4)

61 Clause 4.1 - Management of the works
F:..... V:.....
T:.....

Item

62 Clause 4.2 - Programme for the works
F:..... V:.....
T:.....

Item

63 Clause 4.3 - Progress meetings
F:..... V:.....
T:.....

Item

64 Clause 4.4 - Technical meetings
F:..... V:.....
T:.....

Item

65 Clause 4.5 - Labour and plant records
F:..... V:.....
T:.....

Item

Samples, shop drawings and manufacturer's instructions (B5)

66 Clause 5.1 - Samples of materials
F:..... V:.....
T:.....

Item

67 Clause 5.2 - Workmanship samples
F:..... V:.....
T:.....

Item

68 Clause 5.3 - Shop drawings
F:..... V:.....
T:.....

Item

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69	Clause 5.4 - Compliance with manufacturer's instructions		
	F:..... V:..... T:.....	Item	
Temporary works and plant (B6)			
70	Clause 6.1 - Deposits and fees		
	F:..... V:..... T:.....	Item	
71	Clause 6.2 - Enclosure of the works		
	F:..... V:..... T:.....	Item	
72	Clause 6.3 - Advertising		
	F:..... V:..... T:.....	Item	
73	Clause 6.4 - Plant equipment, sheds and offices		
	F:..... V:..... T:.....	Item	
74	Clause 6.5 - Main notice board		
	F:..... V:..... T:.....	Item	
75	Clause 6.6 - Subcontractors' notice board		
	F:..... V:..... T:.....	Item	
Temporary services (B7)			
76	Clause 7.1 - Location		
	F:..... V:..... T:.....	Item	
77	Clause 7.2 - Water		
	F:..... V:..... T:.....	Item	
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78	Clause 7.3 - Electricity F:..... V:..... T:.....	Item	
79	Clause 7.4 - Telecommunication facilities F:..... V:..... T:.....	Item	
80	Clause 7.5 - Ablution facilities F:..... V:..... T:.....	Item	
Prime cost amounts (B8)			
81	Clause 8.1 - Responsibility for prime cost amounts F:..... V:..... T:.....	Item	
Attendance on N/S Subcontractors (B9)			
82	Clause 9.1 - General attendance F:..... V:..... T:.....	Item	
83	Clause 9.2 - Special attendance F:..... V:..... T:.....	Item	
84	Clause 9.3 - Commissioning - fuel, water and electricity F:..... V:..... T:.....	Item	
Financial aspects (B10)			
85	Clause 10.1 - Statutory taxes, duties and levies F:..... V:..... T:.....	Item	
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86	Clause 10.2 - Payment for preliminaries F:..... V:..... T:.....	Item	
87	Clause 10.3 - Adjustment of preliminaries F:..... V:..... T:.....	Item	
88	Clause 10.4 - Payment certificate cash flow F:..... V:..... T:.....	Item	
General (B11)			
89	Clause 11.1 - Protection of the works F:..... V:..... T:.....	Item	
90	Clause 11.2 - Protection / isolation of existing / sectionally occupied works F:..... V:..... T:.....	Item	
91	Clause 11.3 - Security of the works F:..... V:..... T:.....	Item	
92	Clause 11.4 - Notice before covering work F:..... V:..... T:.....	Item	
93	Clause 11.5 - Disturbance F:..... V:..... T:.....	Item	
94	Clause 11.6 - Environmental disturbance F:..... V:..... T:.....	Item	
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95	Clause 11.7 - Works cleaning and clearing F:..... V:..... T:.....	Item	
96	Clause 11.8 - Vermin F:..... V:..... T:.....	Item	
97	Clause 11.9 - Overhand work F:..... V:..... T:.....	Item	
98	Clause 11.10 - Instruction manuals and guarantees F:..... V:..... T:.....	Item	
99	Clause 11.11 - As built information F:..... V:..... T:.....	Item	
100	Clause 11.12 - Tenant installations F:..... V:..... T:.....	Item	
Schedule of variables (B12)			
101	Clause 12.1 - Schedule of variables F:..... V:..... T:.....	Item	
This schedule contains all variables referred to in this document and is divided into pre-tender and post-tender categories. The pre-tender category must be completed in full and included in the tender documents. Both the pre-tender and post-tender categories form part of these Preliminaries			
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Spaces requiring information must be filled in, shown as "not applicable" or deleted and not left blank. Where choices are offered, the non-applicable items are to be deleted. Where insufficient space is provided the information should be annexed hereto and cross-referenced to the applicable clause of the **schedule**. Key cross reference clauses are italicised in [] brackets

12.1 Pre-tender information

12.1.1 - Provisional **bills of quantities** [2.2]

The quantities are provisional Yes

12.1.2 - Availability of **construction information** [2.3]

Construction documentation is complete
No

12.1.3 - Interests of agents [2.4]

Details:

12.1.4 - Defined works area [3.1]

Details:

12.1.5 - Geotechnical investigation [3.2]

Details:

12.1.6 - Existing premises occupied [3.4]

Details:

12.1.7 - Previous work - dimensional accuracy [3.5]

Details:

12.1.8 - Previous work - defects [3.6]

Details:

12.1.9 - Services - known [3.7]

Details:

12.1.10 - Protection of trees [3.9]

Details:

12.1.11 - Inspection of adjoining properties [3.11]

Details:

12.1.12 - Enclosure of the works [6.2]

Details:

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12.1.13 - Offices [6.4.3]

Specific requirements:

The **contractor** shall provide, maintain and remove on completion of the works an office for the exclusive use of the **principal agent**, minimum size 4 x 3 x 3m high internally, suitably insulated and ventilated, provided with electric lighting and fitted with boarded floor, desk, chair, drawing stool, drawing board and lock-up drawers for drawings. The office shall be kept clean and fit for use at all times

12.1.14 - Main notice boards [6.5]

Specific requirements:

The **contractor** shall provide, erect where directed, maintain and remove on completion of the **works** a notice board size 3 x 3m as type Drawing GEN 063, constructed of suitable boarding with flat smooth surface and with edging bead 19mm thick round outer edges and projecting 12mm from face of boarding and rounded on front edge. The board shall be securely fixed to hoarding, where hoarding is provided, or fixed to and including a suitable supporting structure of timber or tubular posts and braces. The board is to be painted ivory white and the bead and 12mm wide dividing lines dark green. All wording shall be inscribed in dark green as per the coat of arms for SA. All wording shall be inscribed in dark green painted sans serif lettering

12.1.15 - Subcontractor's notice board [6.6]

A notice board is required Yes

12.1.16 - Water [7.2]

Option A (by **contractor**) No
 Option B (by **employer** - free of charge) No
 Option C (by **employer** - metered) Yes

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<p style="text-align: right;">Brought Forward</p> <p>12.1.15 - Electricity [7.3]</p> <p>Option A (by contractor) No Option B (by employer - free of charge) No Option C (by employer - metered) Yes</p> <p>12.1.18 - Telecommunications [7.4]</p> <p>Telephone Yes Facsimile Yes E-mail Yes</p> <p>12.1.19 - Ablution facilities [7.5]</p> <p>Option A (by contractor) Yes Option B (by employer) No</p> <p>12.1.20 - Protection of existing/sectionally occupied works [11.2]</p> <p>Protection is required No</p> <p>12.1.21 - Special attendance [9.2]</p> <p>Not applicable</p> <p>12.1.22 - Protection of the works [11.1]</p> <p>Specific requirements</p> <p>12.1.23 - Disturbance [11.5]</p> <p>Specific requirements:</p> <p>The contractor shall keep the site, structures, etc well watered during operations to prevent dust and shall provide and erect and remove on completion of the works all necessary temporary dust screens all to the satisfaction of the principal agent</p> <p>12.1.24 - Environmental disturbance [11.6]</p> <p>Specific requirements: No specific requirements</p> <p><u>12.2 Post-tender information</u></p> <p style="text-align: right;">Carried Forward</p> <p>Section No 1 Bill No 1 Preliminaries</p>			<p>R</p>
			R

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12.2.1 - Payment of preliminaries [10.2]

Option A (prorated)	No
Option B (calculated)	Yes

12.2.2 - Adjustment of preliminaries [10.3]

Option A (three categories)	Yes
Option B (detailed breakdown)	No

12.2.3 - Additional agreed preliminaries [10.2]

Details:

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

Item

SECTION C: SPECIFIC PRELIMINARIES

Section C contains specific preliminary items which apply to this contract except where N/A (Not Applicable) appears against an item

102 C1.0 Contract drawings

* The drawings issued with the tender documents do not comprise the complete set but serve as a guide only for tendering purposes and for indicating the scope of the work to enable the tenderer to acquaint himself with the nature and extent of the **works** and the manner in which they are to be executed

Should any part of the drawings not be clearly understood by the tenderer he shall, before submitting his tender, obtain clarification in writing from the **principal agent**

F:..... V:.....
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Item

103 C2.0 Preambles

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The document "Construction Works: Specifications: General Specification (PW371-A) Edition 2.0" is obtainable on the Department's website (<http://www.publicworks.gov.za/> under "Consultants Guidelines"), and shall be read in conjunction with the **bills of quantities / lump sum document** and be referred to for the full descriptions of work to be done and materials to be used

The document "Construction Works: Specifications: Particular Specification (PW371-B) Edition 2.0" is issued together with the drawings and shall be read in conjunction with the drawings and the **bills of quantities / lump sum document**

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

Item

104 C3.0 Trades names

Wherever a trade name for any product has been described in the **bills of quantities / lump sum document**, the tenderer's attention is drawn to the fact that any other product of equal quality may be used subject to the written approval of the **principal agent** being obtained prior to the closing date for submission of tenders

If prior written approval for an alternative product is not obtained, the product described shall be deemed to have been tendered for

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

Item

105 C4.0 Imported materials and equipment

Where imported items are listed in the tender documents, the tenderer shall provide all the information called for, failing which the price of any such item, materials or equipment shall be excluded from currency fluctuations. (refer to Schedule of Imported Materials and Equipment DPW-23(EC) to be completed by tenderer)

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Notwithstanding any provisions elsewhere regarding the adjustment of contract prices, the price of any item, material or equipment listed in terms of this clause shall be excluded from the Contract Price Adjustment Provisions (if applicable)

F:..... V:.....
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Item

106 C5.0 Viewing the site in security areas

The **site** is situated in a security area and the tenderer must arrange with the unit commander or other responsible officer to obtain permission to enter the **site** for tendering purposes

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

Item

107 C6.0 Commencement of works in security areas

As the **works** falls within a security area the **contractor** must give the unit commander or other responsible officer notice before commencement of the **works**. Should the **contractor** fail to make such arrangements, admission to the **site** may be refused and any additional costs will be for the **contractor's** account

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

Item

108 C7.0 Entrance permits to security areas

As the **works** falls within a security area the **contractor** shall obtain entrance permits for his personnel and workmen entering the area and shall comply with all regulations and instructions which may be issued from time to time regarding the protection of persons and property under the control of the Defence Force, Police or chief security officer

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T:.....

Item

109 C8.0 Security check of personnel

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The **principal agent** may require the **contractor** to have his personnel and workmen, or a certain number of them, security classified

In the event of the **principal agent** requesting the removal of a person or persons from the **works** for security reasons, the **contractor** shall do so forthwith and shall thereafter ensure that such person or persons are denied access to the **works** and the **site** and/or to any document or information relating to the **works**

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T:.....

Item

110 C9.0 Prohibition on taking of photographs

In terms of article 119 of the Defence Act, 44 of 1957, it is prohibited to sketch or to take photographs of any military site or installation or any building or civil works thereon or to be in possession of a camera or other apparatus used for taking of photographs except when authorized thereto by or on behalf of the Minister

The same prohibition is also applicable to all correctional institutions in terms of article 44.1(e) of the Correctional Services Act 8 of 1959

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Item

111 C10.0 HIV/AIDS awareness

It is required of the **contractor** to thoroughly study the HIV/AIDS Specification (PW 1544) of the Department that must be read together with and is deemed to be incorporated under this Section of the **bills of quantities / lump sum document**. Provision for pricing of HIV/AIDS awareness is made under items C10.1 to C10.5 hereafter and it is explicitly pointed out that all requirements of the aforementioned specification are deemed to be priced hereunder, as the said items represent the only method of measurement and no additional items or extras to the contract in this regard shall be entertained

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<p style="text-align: right;">Brought Forward</p> <p>The contractor must take note that compliance with the HIV/AIDS Specification is compulsory. In the event of partial or total non-compliance, the principal agent, notwithstanding the provisions of clause A 31.0 of Section A or any other clause to the contrary, reserves the right to delay issuing any progress payment certificate until the contractor provides satisfactory proof of compliance. The contractor shall not be entitled to any compensation of whatsoever nature, including interest, due to such delay of payment</p> <p>C10.1 Awareness champion</p> <p>Selection, appointment, briefing and making available of an Awareness Champion including provision of all relevant services, all in accordance with the HIV/AIDS Specification</p> <p>F:..... V:..... T:.....</p> <p>C10.2 Awareness workshops</p> <p>Selection and appointment of a competent Service Provider approved by the principal agent, provision of a Service Provider Workshop Plan and a suitable venue, conducting of awareness workshops by means of traditional and/or modern multi-media techniques, including follow-up courses, making available all tuition material and performing assessment procedures, all in accordance with the HIV/AIDS Specification</p> <p>F:..... V:..... T:.....</p> <p>C10.3 Posters, booklets, videos, etc</p> <p>Provision, displaying, maintaining and replacing when necessary of four plastic laminated posters, booklets and educational videos, etc. for the duration of the construction period, all in accordance with the HIV/AIDS Specification</p> <p>F:..... V:..... T:.....</p> <p>C10.4 Access to condoms</p> <p style="text-align: right;">Carried Forward</p> <p>Section No 1 Bill No 1 Preliminaries</p>	<p style="text-align: center;">Item</p> <p style="text-align: center;">Item</p> <p style="text-align: center;">Item</p>	<p style="text-align: center;">R</p> <p style="text-align: center;">R</p>
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Provision and maintenance of condom dispensers fixed in position, including male and female condoms, replenishing male and female condoms on a daily basis as required for the duration of the **construction period**, all in accordance with the HIV/AIDS Specification

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T:.....

Item

C10.5 Monitoring

Monitoring HIV/AIDS awareness of workers, providing the **principal agent** with access to information including making available all reports, thoroughly completed and reflecting the correct information, for the duration of the **construction period** and close out, all in accordance with the HIV/AIDS Specification

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

Item

112 **C11.0 Occupational health and safety act**

The **contractor** shall comply with all the requirements as set out in the Construction Regulations, 2014 issued under the Occupational Health and Safety Act, 1993 (Act No 85 of 1993)

It is required of the **contractor** to thoroughly study the Health and Safety Specification that must be read together with and is deemed to be incorporated under this Section of the **bills of quantities / lump sum document**

The **contractor** must take note that compliance with the Occupational Health and Safety Act, Construction Regulations and Health and Safety Specification is compulsory. In the event of partial or total non-compliance, the **principal agent**, notwithstanding the provisions of clause A31.0 of Section A or any other clause to the contrary, reserves the right to delay issuing any progress **payment certificate** until the **contractor** provides satisfactory proof of compliance. The **contractor** shall not be entitled to any compensation of whatsoever nature, including interest, due to such delay of payment

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Brought Forward

R

Provision for pricing of the Occupational Health and Safety Act, Construction Regulations and Health and Safety Specification is made under this clause and it is explicitly pointed out that all requirements of the aforementioned are deemed to be priced hereunder and no additional claims in this regard shall be entertained

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

Item

- 113 C12.0 Employment and training of youth workers on the Expanded Public Works Programme (EPWP) infrastructure projects: National Youth Service (NYS)

The **contractor** shall comply with all the requirements as set out in the "Additional Specification SL: Employment and Training of Youth Workers on the Expanded Public Works Programme (EPWP) Infrastructure Projects: National Youth Service (NYS)" as attached to these **bills of quantities**

The **contractor** shall identify a minimum number of youth workers from a priority list, and shall employ them at the statutory labour rates for a minimum period and train them, all as per the aforementioned specification and as elsewhere measured in these **bills of quantities**

The **contractor** shall liaise and co-ordinate with the **employer** and the EPWP Training Service Provider with regard to the priority list, the selection of youth workers, and the employment and training of the identified youth workers

The **contractor** shall avail the services of an adequately qualified foreman specifically for the EPWP-NYS youth workers, to act as their construction supervisor. The foreman will be responsible for continually monitoring the progress of the youth workers and for addressing questions and issues that may arise from the youth workers

Carried Forward

R

Section No 1
Bill No 1
Preliminaries

Brought Forward

R

Separate items which will be subject to remeasurement have been included elsewhere in these **bills of quantities** to cover the direct costs associated with the employment and training of the youth workers. Any additional requirements in respect of the aforementioned specification are deemed to be priced hereunder and no additional claims in this regard shall be entertained

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

Item

114 C13.0 Implementation of labour-intensive infrastructure projects under the Expanded Public Works Programme (EPWP)

The **contractor** shall comply with all the requirements of the "Code of Good Practice for Employment and Conditions of Work for Special Public Works Programmes" issued in terms of the "Basic Conditions of Employment Act, 1997 (Act No 75 of 1997)" and the related "Ministerial Determination", for the employment of locally employed temporary workers on a labour- intensive infrastructure project under the Expanded Public Works Programme (EPWP)

The **contractor** shall maintain daily records with regard to the workers employed and shall, on a monthly basis, submit a report to the **principal agent** in the prescribed format. Compulsory indicators such as the project budget, actual project expenditure, number of job opportunities created, demographic characteristics of workers employed, minimum daily wage rate, number of person-days of employment created and number of training person-days, shall be included in said report, all as defined in the "Guidelines for the Implementation of Labour-Intensive Infrastructure Projects under the Expanded Public Works Programme (EPWP)"

Carried Forward

R

Section No 1
Bill No 1
Preliminaries

Brought Forward

Provision for pricing of compliance with the
aforementioned is made under this clause and it is
explicitly pointed out that all requirements in respect of
the aforementioned are deemed to be priced hereunder
and no additional claims in this regard shall be
entertained

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

Item

SUMMARY OF CATEGORIES

Category : Fixed R.....

Category : Value R.....

Category : Time R.....

Carried to Final Summary

Section No 1
Bill No 1
Preliminaries

R

R

Item No	Quantity	Rate	Amount
<p>SECTION 2</p> <p>BILL NO 1</p> <p>DEMOLITIONS</p> <p>The "Model Preambles for Trades" (1999 edition) as published by the Association of South African Quantity Surveyors shall be deemed to be incorporated in this document</p> <p>For preambles refer to "Model Preambles for Trades"</p> <p><u>View site</u></p> <p>Before submitting his tender the tenderer shall visit the site and satisfy himself as to the nature and extent of the work to be done and the value of the materials contained in the buildings or portions of the buildings to be demolished. No claim for any variations of the contract sum in respect of the nature and extent of the work or of inferior or damaged materials will be entertained</p> <p><u>Explosives</u></p> <p>No explosives whatsoever may be used for demolition purposes unless otherwise stated</p> <p><u>General</u></p> <p>Water supply pipes and other piping in ground that may be encountered and found necessary to disconnect or cut, shall be effectually stopped off or grubbed up and removed, and any new connections that may be necessary shall be made with proper fittings to the satisfaction of the principal agent</p> <p>Unless otherwise described all materials are to become the property of the contractor and are to be removed from the site</p> <p>TEMPORARY BARRICADES, SCREENS, ETC</p>			
Carried Forward		R	
<p>Section No 2</p> <p>Bill No 1</p> <p>Demolitions</p>			

Brought Forward			R
Temporary barricades, screens, roofs, etc including removal (provisional)			
1	Drywall barrier 2,400mm high formed of galvanised steel channel section rails and studs covered on one side with 12,7mm gypsum board panels and finished with two coats interior quality PVA emulsion paint on one side including corners, ends, etc	m	300
Breaking up and removing			
2	150mm Thick unreinforced concrete surface beds, paving, etc	m2	50
3	100mm Thick reinforced concrete surface beds, paving, etc	m2	75
4	200 x 100mm Unreinforced concrete kerbs	m	329
5	60mm Thick concrete block paving on sand bedding	m2	100
Lifting up and setting aside for re-use			
6	60mm Thick concrete block paving on sand bedding	m2	2,110
Demolishing and removing			
7	Walkway, complete and preparing ground for new building, grassing or paving	No	1
Carried Forward to Summary of Section No. 2			R
Section No 2			
Bill No 1			
Demolitions			

Item No		Quantity	Rate	Amount
	SECTION 2			
	BILL NO 2			
	EARTHWORKS (PROVISIONAL)			
	For preambles refer to "Model Preambles for Trades"			
	SUPPLEMENTARY PREAMBLES			
	<u>Nature of ground</u>			
	A soils investigation has been carried out on site. Refer to Annexure A herewith for the geotechnical report. Descriptions of excavations shall be deemed to include all ground conditions classifiable as "earth" described in the above report and where conditions of a more difficult character are indicated these are separately measured			
	<u>General earthworks and bulk excavation</u>			
	1. All construction, testing, tolerances and materials to be as per the SANS 1200 Series of Specifications			
	2. Degree of accuracy 2 shall apply to all earthworks dimensions, levels and setting out points			
	3. The principal agent shall be notified if the excavation or subgrade is in rock			
	4. All unsuitable materials ie roots, concrete pipes, old foundations, building rubble, etc shall be disposed of to a suitable dumping site to be located by the contractor			
	5. Suitable and approved materials shall be stockpiled separately as required for the works and later be reused as specified by the principal agent			
	6. The contractor is to use only approved fill material, where appropriate, as specified by the principal agent			
	Carried Forward		R	
	Section No 2 Bill No 2 Earthworks			

Brought Forward

R

7. The contractor is to identify and expose, where relevant, all underground services on site and he is to liaise with all relevant authorities for the location and protection of these services
8. All backfilling is to be in 150mm layers to 93% at a moisture content at or in excess of the Mod AASHTO optimum to required levels
9. Setting out points shall be established by a registered land surveyor employed by the contractor
10. The contractor is to confirm positions of boundary pegs with the land surveyor employed by the employer, before excavation commences
11. In the case where the benchmark or any other beacon is disturbed by the contractor it shall be replaced by a registered land surveyor at the cost of the contractor
12. The contractor shall timeously submit field and laboratory test results of relative compaction densities, CBR indicator tests or any other test results, as required, to the principal agent. The contractor shall employ a commercial laboratory to perform all required tests at frequencies to be specified by the principal agent
13. The contractor shall employ a registered land surveyor to compile and submit a survey report in a format to be determined by the principal agent prior to acceptance of the completed earthworks
14. An "as built" survey must be provided after completion of the earthworks

Subterranean water

No subterranean water is expected

Carried Forward

R

Section No 2
Bill No 2
Earthworks

Brought Forward

R

Excavation for working space in rock

Notwithstanding clause 11 page 8 of the Standard System of Measuring Building Work, excavation for working space in rock will be measured in cubic metres to the extent executed and given as "extra over" bulk excavation or trench and hole excavation as the case may be

Carting away of excavated material

Descriptions of carting away of excavated material shall be deemed to include loading excavated material onto trucks directly from the excavations or, alternatively, from stock piles situated on the building site

Filling

Notwithstanding the reference to prescribed multiple handling in clause 1 page 10 of the Standard Method of Measuring Building Work, prices for filling and backfilling shall include for all selection and any necessary multiple handling of material

Testing and quality control

Prices for filling are to include for all necessary density tests in accordance with SANS 1200D

Classification of excavated material

Filling over site shall be spread, levelled, watered and consolidated in layers not exceeding 300mm

Filling under floors and backfilling to excavations shall be suitable inert material, free from clay, vegetable matter, large stones, etc., having a maximum plasticity index of 10, spread, levelled and compacted to a density of 93% Mod AASHTO

SITE CLEARANCE, ETC

Site clearance

- 1 Digging up and removing rubbish, debris, vegetation, hedges, shrubs, bush, etc and trees not exceeding 200mm girth

m2

3,500

Carried Forward

R

Section No 2
Bill No 2
Earthworks

Brought Forward			R
REMOVAL OF TREES, ETC			
Taking out and removing, grubbing up roots and filling in holes			
2	Tree stump exceeding 200mm and not exceeding 500mm girth	No	11
3	Tree exceeding 500mm and not exceeding 1,000mm girth	No	5
4	Tree stump exceeding 1m high, exceeding 1,000mm and not exceeding 2,000mm girth	No	4
5	Tree stump exceeding 1m high, exceeding 2,000mm and not exceeding 3,000mm girth	No	1
BULK EXCAVATION, FILLING, ETC			
Digging up topsoil			
6	Digging up topsoil to an average depth of 150mm and carting away from site	m2	3,500
Platform earthworks site clearance designated borrow pit			
7	Opening up and closing up the designated borrow pit and dealing with the overburden		SUM
Open face excavation in earth over sloping site			
8	Open face excavation	m3	4,900
Extra over bulk excavations in earth for excavation in			
9	Soft rock	m3	200
10	Hard rock	m3	150
Extra over bulk excavations in earth for breaking up and removing			
11	Brickwork	m3	2
12	Unreinforced concrete	m3	1
Carried Forward			R
Section No 2 Bill No 2 Earthworks			

Brought Forward			R
13	Reinforced concrete	m3	1
Back excavation of vertical sides of excavations in earth for working space including backfilling compacted to 93% Mod AASHTO density			
14	Not exceeding 500mm deep for placing and removing formwork to walls etc, 1,000mm away from excavated face	m2	150
15	Extra over for excavation in soft rock	m2	15
16	Extra over for excavation in hard rock	m2	8
Extra over all excavations for carting away			
17	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m3	200
18	Surplus material from excavations and/or stock piles on site to a dumping site situated approximately 5.5km from the building site	m3	4,700
Risk of collapse of excavations			
19	Sides of bulk excavations exceeding 1.5m deep	m2	750
20	Sides of bulk excavations exceeding 1,5m deep	m2	245
Keeping excavations free of water			
21	Keeping excavations free of water other than subterranean water		Item
FILLING, ETC			
Filling supplied by the contractor compacted to 95% Mod AASHTO density of minimum G6 material			
22	Over site to form platforms, parking areas and driveways/entrance	m3	600
23	Rip and stabilise	m3	500
Carried Forward			R
Section No 2 Bill No 2 Earthworks			

Brought Forward			R
Earth filling obtained from the excavations and/or prescribed stock piles on site, compacted to 93% Mod AASHTO density			
24	Over site to form platforms	m3	2,540
Compaction of surfaces			
25	Compaction of natural or excavated ground surface under floors etc, including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 93% Mod AASHTO density	m2	3,500
Existing services			
26	Excavate by hand in soft material to expose existing services	m3	120
Control ground water inflow			
27	Provide pumping equipment, operate and maintain		SUM
TESTS			
28	"Modified AASHTO Density" test	No	75
EXCAVATION, FILLINGS, ETC			
Excavation in earth not exceeding 2m deep			
29	Trenches	m3	814
30	Holes	m3	287
Extra over trench and hole excavations in earth for excavation in			
31	Soft rock	m3	13
32	Hard rock	m3	75
Carried Forward			R
Section No 2 Bill No 2 Earthworks			

Brought Forward			R
Back excavation of vertical sides of excavations in earth for working space including backfilling compacted to 93% Mod AASHTO density			
33	Not exceeding 500mm deep for placing and removing formwork to walls etc, 500mm away from excavated face	m2	168
34	Exceeding 500mm and not exceeding 1000mm deep for placing and removing formwork to walls etc, 500mm away from excavated face	m2	59
Extra over all excavations for carting away			
35	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m3	472
Risk of collapse of excavations			
36	Sides of trench and hole excavations not exceeding 1.5m deep	m2	786
37	Sides of bulk excavations exceeding 1,5m deep	m2	257
Keeping excavations free of water			
38	Keeping excavations free of all water other than subterranean water		Item
Earth filling obtained from the excavations and/or prescribed stock piles on site compacted to 93% Mod AASHTO density			
39	Backfilling behind retaining walls	m3	109
40	Backfilling to trenches, holes, etc	m3	210
Filling of graded crushed stone (G), consolidated			
41	Behind retaining walls	m3	5
G6 filling supplied by the contractor, compacted to 95% Mod AASHTO density			
42	Under floors, steps, pavings, etc	m3	600
Carried Forward			R
Section No 2 Bill No 2 Earthworks			

Brought Forward			R
Compaction of surfaces			
43	Compaction of ground surface under floors etc including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 95% Mod AASHTO density	m2	2,325
FILTER FABRIC			
Non-woven continuous filament needle punch polyester filter fabric blanket with 350mm laps			
44	Under stone filled gabion mattresses including preparing ground surface under	m2	750
45	Vertically behind stone filled gabion retaining walls	m2	45
"Kaytech Flo-Drain" with "Kaytech" HDPE drainage core enclosed in "Kaytech" bidim® nonwoven continuous filament needle-punched polyester geotextile with 150mm end laps and including securing against retaining wall			
46	To retaining walls	m2	214
"Kaytech Wickdrain GPA250" with interlocking joints to core placed at 45 degrees against retaining wall and linked to "Kaytech Flo-drain" (elsewhere measured)			
47	100mm Wide at 3000mm centres behind ground filled retaining walls	m	124
SOIL POISONING, ETC			
Soil insecticide			
48	Under floors, etc including forming and poisoning shallow furrows against foundation walls etc, filling in furrows and ramming	m2	2,325
49	To bottoms and sides of trenches, etc	m2	1,393
Carried Forward to Summary of Section No. 2			R
Section No 2			
Bill No 2			
Earthworks			

Item No		Quantity	Rate	Amount
	<p>LATERAL SUPPORT</p> <p>For preambles refer to "Model Preambles for Trades"</p> <p>SUPPLEMENTARY PREAMBLES</p> <p>Drilling for soldiers</p> <p><u>Classification of material</u></p> <p>"Hard rock" shall mean granite, quartzitic sandstone or other rock of similar hardness, the removal of which would normally require drilling, wedging and splitting or the use of explosives</p> <p>"Earth" shall mean all ground other than that classified as "hard rock" and shall include made-up ground and any loose stones or pieces of concrete not exceeding 0,03m³ in volume and hard material the removal of which would normally require the use of pneumatic tools and includes hard shale, ferricite, compact oukclip and material of similar hardness</p> <p>Loads</p> <p>Loads indicated are in KiloNewtons (kN)</p> <p>Design</p> <p>The contractor shall be solely responsible for the design of the lateral support to comply with loads as indicated on drawing No J5980.00 - 101.00 revision B</p> <p>Design of lateral support shall be in accordance with the code of practice, 1998: "Lateral support in surface excavation" issued by the Geotechnical Division of the S.A. Institution of Civil Engineers</p> <p>Tenderers are to examine the geotechnical investigation report (annexed to these bills of quantities) carried out by Jones & Wagener Consulting Civil Engineers and are to base their design on the information and recommendations of that report</p> <p>Lateral support is to be effected by lateral support piles and Gunite walls</p>			
	<p>Carried Forward</p> <p>Section No 2 Bill No 3 Lateral support</p>		R	

Brought Forward			R
Full lateral support design calculations and details are to be submitted by the successful tenderer to the engineer before commencement of the works			
Lateral support design to allow for a surcharge of at least 10kN/m2 adjacent to the excavations			
Prices			
The description of each item shall be deemed to include for the cost of all setting up, labour, materials, waste, contractor's equipment, drilling, driving, dumping of and/or spreading of surplus soil on the site where directed, cutting off, testing, overheads and profit and any other charges, costs and obligations arising out of the conditions of contract including the cost or risk involved if pile depths vary from that which the contractor has assumed in terms of the information in the geotechnical report.			
Guarantee			
The contractor shall provide a written guarantee in which he shall guarantee the load-bearing capacity of the lateral support for a period of not less than 1 (one) year from the date of practical completion of the contract. Such guarantee shall be covered by a professional indemnity cover with a minimum value of R1 000 000 (one million Rand). Proof of such insurance shall be provided prior to commencement of the work			
Guarantee and insurance			
1	Provision of the specified lateral support guarantee and professional indemnity cover	Item	
LATERAL SUPPORT, ETC			
Provision of temporary vertical support structure excavated walls			
2	Vertical support structure with a temporary gunite face, suitable for a retained height up to 2.0m and 10KPA surcharge	m2	125
3	Mobilisation, establishment, de-establishment, monitoring during onsite period and monitoring until completely backfilled, all in accordance with the specification	Item	
Carried Forward			R
Section No 2 Bill No 3 Lateral support			

Brought Forward			R
Lateral support			
4	Lateral support structure with a temporary gunite face, suitable for a retained height up to 2.5m and 20KPA surcharge including mobilisation, establishment, monitoring during onsite period and monitoring until completely backfilled		SUM
5	Excavate from stockpiles on site to form berms for lateral support installation	m3 2,000	
6	Excavate berms and cart to stock piles on site	m3 2,000	
Carried Forward to Summary of Section No. 2			R
Section No 2			
Bill No 3			
Lateral support			

Item No		Quantity	Rate	Amount
	SECTION 2			
	BILL NO 4			
	CONCRETE, FORMWORK AND REINFORCEMENT			
	For preambles refer to "Model Preambles for Trades"			
	SUPPLEMENTARY PREAMBLES			
	<u>Cost of tests</u>			
	The costs of making, storing and testing of concrete test cubes as required under clause 7 "Tests" of SABS 1200 G shall include the cost of providing cube moulds necessary for the purpose, for testing costs and for submitting reports on the tests to the principal agent. The testing shall be undertaken by an independent firm or institution nominated by the contractor to the approval of the principal agent. (Test cubes are measured separately)			
	<u>Formwork</u>			
	Descriptions of formwork shall be deemed to include use and waste only (except where described as "left in" or "permanent"), for fitting together in the required forms, wedging, plumbing and fixing to true angles and surfaces as necessary to ensure easy release during stripping and for reconditioning as necessary before re-use			
	The vertical strutting shall be carried down to such construction as is sufficiently strong to afford the required support without damage and shall remain in position until the newly constructed work is able to support itself			
	Formwork to soffits of solid slabs etc shall be deemed to be to slabs not exceeding 250mm thick unless otherwise described			
	Formwork to soffits of slabs, beams, etc shall be deemed to be propped up exceeding 1.5m and not exceeding 3.5m high unless otherwise described			
	Carried Forward		R	
	Section No 2			
	Bill No 4			
	Concrete, formwork and reinforcement			

Brought Forward			R
Formwork to sides of bases, pile caps, ground beams, etc will only be measured where it is prescribed by the engineer for design reasons. Formwork necessitated by irregularity or collapse of excavated faces will not be measured and the cost thereof shall be deemed to be included in the allowance for taking the risk of collapse of the sides of the excavations, provision for which is made in "Earthworks"			
UNREINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES			
15MPa/19mm concrete			
1	Steps, urinal steps, cupboard platforms, etc	m3	6
2	Surface blinding under footings and bases	m3	34
REINFORCED CONCRETE CAST IN/ON FORMWORK			
25MPa/19mm concrete			
3	In filling in hollow walls (walls measured elsewhere)	m3	5
4	Surface beds cast in panels on waterproofing	m3	235
30MPa/19mm concrete			
5	Stairs including landings, beams and inverted beams	m3	2
6	Surface beds cast in panels on waterproofing	m3	1,163
7	Slabs including beams and inverted beams	m3	257
8	Isolated beams	m3	25
9	Walls	m3	139
10	Columns	m3	29
11	Ramps	m3	60
40MPa/19mm concrete			
12	Columns in foundations	m3	10
Carried Forward			R
Section No 2 Bill No 4 Concrete, formwork and reinforcement			

Brought Forward		
13	Columns	m3 15
REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES		
30MPa/19mm concrete		
14	Ground beams	m3 67
15	Strip footings	m3 193
16	Bases	m3 41
TEST BLOCKS		
17	Making and testing 150 x 150 x 150mm concrete strength test cube	No 350
CONCRETE SUNDRIES		
Finishing top surfaces of concrete smooth with a wood float		
18	Surface beds, slabs, etc	m2 2,325
19	Surface beds, slabs, etc to falls and currents	m2 128
Finishing top surfaces of concrete smooth with a steel trowel		
20	Tops of beams, walls, etc	m2 256
Finishing top surfaces of concrete to an evenly ribbed non-slip surface		
21	Ramps	m2 128
"Isoboard" high density 32-36kg/m³ rigid extruded polystyrene 100% closed cell insulation boarding		
22	600 x 30mm Thick with tongue and groove joints laid tightly butted on concrete to receive screed (screed elsewhere)	m2 1,394
Grooves, channels, mortices, sinkings, etc in concrete		
23	20 x 20mm Channels in top	m 279
Carried Forward		
Section No 2		
Bill No 4		
Concrete, formwork and reinforcement		

R	
R	

Brought Forward			R
ROUGH FORMWORK (DEGREE OF ACCURACY II)			
Rough formwork to sides			
24	Strip footings (Provisional)	m2	32
25	Retaining walls	m2	27
26	Rectangular columns with a total height not exceeding 3.5m	m2	163
27	Rectangular columns with total height exceeding 3.5m and not exceeding 5m above bearing level	m2	50
28	Rectangular columns with total height exceeding 5m and not exceeding 6,5m above bearing level	m2	66
29	Rectangular columns with total height exceeding 6.5m and not exceeding 8m above bearing level	m2	24
30	Edges, risers, ends and reveals not exceeding 300mm high or wide	m	100
31	Sloping and stepped outer edges of stairs not exceeding 300mm high extreme	m	40
Rough formwork to soffits			
32	Stairs with sloping soffits	m2	25
33	Slabs propped not exceeding 3.5m high	m2	250
Rough formwork to form			
34	Opening exceeding 1m and not exceeding 2m girth through not exceeding 180mm slab	No	5
35	Opening exceeding 2m and not exceeding 3m girth through exceeding 250mm slab, n.e. 300mm slab	No	15
SMOOTH FORMWORK (DEGREE OF ACCURACY II)			
Smooth formwork to sides			
36	Rectangular columns	m2	230
Carried Forward			R
Section No 2 Bill No 4 Concrete, formwork and reinforcement			

Brought Forward				R
37	Walls	m2	850	
38	Beams	m2	23	
39	Edges, risers, ends and reveals not exceeding 300mm high or wide	m	128	
40	Edges, risers, ends and reveals exceeding 300mm high or wide	m2	18	
Smooth formwork to soffits				
41	Slabs propped up not exceeding 3.5m high	m2	726	
42	Slabs exceeding 250mm and not exceeding 500mm thick, propped exceeding 3.5m but not exceeding 5m high	m2	26	
Smooth formwork to sides and soffits				
43	Beams propped up not exceeding 3.5m high	m2	630	
44	Beams propped up exceeding 3.5m but not exceeding 5m high	m2	27	
45	Beams propped up exceeding 5m but not exceeding 6.5m high	m2	57	
Boxing out smooth formwork to form				
46	25 x 25mm Vertical chamfers at corners	m	1,140	
Smooth formwork to form				
47	Opening exceeding 1m and not exceeding 2m girth through not exceeding 255mm slab	No	2	
48	Opening exceeding 2m and not exceeding 3m girth through not exceeding 255mm slab	No	3	
49	Opening exceeding 2m and not exceeding 3m girth through not exceeding 170mm slab	No	15	
50	Opening exceeding 3m and not exceeding 4m girth through not exceeding 170mm slab	No	24	
MOVEMENT JOINTS, ETC				
Carried Forward				R
Section No 2				
Bill No 4				
Concrete, formwork and reinforcement				

Brought Forward			R
Expansion joints with 10mm polystyrene between vertical concrete surfaces			
51	Exceeding 300mm high to edges of slabs	m2	726
"Jointex" or similiar approved isolation joints with 10mm closed cell expanded polyethylene between vertical concrete and brick surfaces			
52	Not exceeding 300mm high to edges of surface beds	m	566
Saw cut joints			
53	3 x 50mm Saw cut joints in top of concrete	m	116
Vertical joggle construction joints through concrete including thick cement slurry to one face			
54	Surface beds not exceeding 300mm thick	m	482
HOLES ETC			
Core drilling hole not exceeding 50mm diameter			
55	255mm Thick reinforced concrete slab, beam, wall, etc	No	10
Core drilling hole exceeding 50mm and not exceeding 100mm diameter			
56	255mm Thick reinforced concrete slab, beam, wall, etc	No	12
Core drilling hole exceeding 100mm and not exceeding 150mm diameter			
57	255mm Thick reinforced concrete slab, beam, wall, etc	No	15
Core drilling hole exceeding 200mm and not exceeding 300mm diameter			
58	255mm Thick reinforced concrete slab, beam, wall, etc	No	25
SLEEVES			
PVC sleeves for pipes not exceeding 100mm diameter			
59	Sleeve not exceeding 250mm long	No	8
Carried Forward			R
Section No 2 Bill No 4 Concrete, formwork and reinforcement			

Brought Forward		
60	Sleeve exceeding 250mm and not exceeding 500mm long	No 10
61	Sleeve exceeding 500mm and not exceeding 750mm long	No 6
PVC sleeves for pipes exceeding 100mm diameter but not exceeding 200mm diameter		
62	Sleeve not exceeding 250mm long	No 17
63	Sleeve exceeding 250mm and not exceeding 500mm long	No 11
REINFORCEMENT		
Mild steel reinforcement		
64	10mm Diameter bars (provisional)	t 0.10
65	8mm Diameter bars (provisional)	t 0.20
High tensile steel reinforcement		
66	32mm Diameter bars (provisional)	t 0.15
67	25mm Diameter bars	t 65.84
68	20mm Diameter bars	t 11.51
69	16mm Diameter bars	t 7.87
70	12mm Diameter bars	t 15.87
71	10mm Diameter bars	t 12.81
Fabric reinforcement		
72	Type 245 mesh reinforcement in concrete surface beds, slabs, etc	m2 45
73	Type 395 mesh reinforcement in concrete surface beds, slabs, etc	m2 2,325
Carried Forward to Summary of Section No. 2		
Section No 2		
Bill No 4		
Concrete, formwork and reinforcement		

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R

Item No	Quantity	Rate	Amount
SECTION 2			
BILL NO 5			
PRECAST CONCRETE			
For preambles refer to "Model Preambles for Trades"			
SUPPLEMENTARY PREAMBLES			
<u>Sizes</u>			
Blocks, sills, etc measured linear shall be made in suitable lengths. Large size setting out drawings shall be prepared where necessary and submitted to the Architect for approval before moulds are made			
<u>General</u>			
Where kerbstones, blocks, etc are laid in ground descriptions shall be deemed to include necessary excavation, filling in and ramming			
BLOCK AND LINTEL SLABS			
255mm High block and single lintel slab consisting of "Killarney Brick & Block" or similar approved concrete hollow blocks 410 x 200 x 195mm high (PS200) laid end to end with single prefabricated concrete lintels 150 x 60mm deep with 8 off 4mm diameter prestressing wires laid between blocks, including a concrete topping 60mm high on top of the blocks and in between blocks including fabric reinforcing 'Mesh Ref 193'			
1	Block and single lintel slab	m2	52
Carried Forward			R
Section No 2 Bill No 5 Precast concrete			

Brought Forward

R

255mm High block and double lintel slab consisting of "Killarney Brick & Block" or similar approved concrete hollow blocks 410 x 200 x 195mm high (PS200) laid end to end with two prefabricated concrete lintels 150 x 60mm deep with 8 off 4mm diameter prestressing wires laid between blocks, including a concrete topping 60mm high on top of the blocks and in between blocks including fabric reinforcing 'Mesh Ref 193'

2	Block and double lintel slab	m2	27
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PRECAST CONCRETE COPINGS

Precast concrete finished smooth on exposed surfaces including bedding, jointing and pointing

3	460 x 70mm Thick overall copings in 1,915mm lengths on top of one brickwalls	m	57
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4	270 x 75mm Thick overall window sill weathered on top, with drip groove in bottom along one edge	m	18
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Carried Forward to Summary of Section No. 2

Section No 2
Bill No 5
Precast concrete

R

Item No	Quantity	Rate	Amount
SECTION 2			
BILL NO 6			
MASONRY			
For preambles refer to "Model Preambles for Trades"			
SUPPLEMENTARY PREAMBLES			
BRICKWORK			
<u>Sizes in descriptions</u>			
Where sizes in descriptions are given in brick units, "one brick" shall represent the length and "half brick" the width of a brick			
<u>Hollow walls</u>			
Descriptions of hollow walls shall be deemed to include leaving every fifth perpend of the bottom course of the external skin open as a weep hole			
<u>Bagged and sealed walls</u>			
Walls in two skins described as "bagged and sealed" shall be deemed to include having the outer face of the inner skin bagged with 1:6 cement and sand mixture and sealed with two coats bitumen emulsion waterproofing coating			
<u>Face bricks</u>			
Bricks shall be ordered timeously to obtain uniformity in size and colour			
<u>Pointing</u>			
Descriptions of recessed pointing to fair face brickwork and face brickwork shall be deemed to include square recessed, hollow recessed, weathered pointing, etc			
Carried Forward		R	
Section No 2 Bill No 6 Masonry			

Brought Forward

R

FOUNDATIONS**Brickwork of NFX bricks (14MPa nominal compressive strength) in class II mortar**

1	Half brick walls	m2	35
2	One brick walls	m2	63
3	330mm Hollow walls to receive concrete infill (measured elsewhere)	m2	45

SUPERSTRUCTURE**Brickwork of NFP bricks in class II mortar**

4	Piers	m3	22
5	Half brick walls	m2	238
6	Half brick linings tied to concrete	m2	28
7	One brick walls	m2	1,615
8	One and a half brick walls	m2	167
9	345mm Brick walls	m2	36

BRICKWORK SUNDRIES

10	Closing 110mm cavities of hollow walls vertically with brickwork half brick wide	m	90
11	Closing 110mm cavities of hollow walls vertically with brickwork one brick wide	m	42
12	Splayed mortar fillets one course high in 110mm cavities	m	85

Bagging of 1:3 cement and sand mixture

13	On brick walls, piers, etc.	m2	456
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Air bricks, etc

14	229 x 76mm Clay vermin proof air brick (provisional)	No	50
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Carried Forward

R

Section No 2
 Bill No 6
 Masonry

Brought Forward			R
Joint forming material in movement joints			
15	10mm Softboard joint between concrete and brickwork	m2	68
16	12mm "Sondor" or similar approved, closed cell material with polyethylene joint sealant movement joint built in vertically between brick skins	m2	91
17	12mm Bitumen impregnated fibre board built in vertically between brick skins	m2	52
2,5mm Brickwork reinforcement			
18	75mm Wide reinforcement built in horizontally	m	781
19	150mm Wide reinforcement built in horizontally	m	6,382
Prestressed fabricated concrete lintels including necessary temporary supports			
20	110 x 75mm Lintels in lengths not exceeding 3m	m	142
21	110 x 75mm Lintels in lengths exceeding 3m and not exceeding 4.5m	m	23
22	110 x 75mm Lintels in lengths exceeding 4.5m and not exceeding 6m	m	2
23	110 x 75mm Lintels in lengths exceeding 10.5m and not exceeding 12m	m	3
24	110 x 75mm Lintels in lengths exceeding 12m and not exceeding 13.5m	m	2
Galvanised wire ties etc			
25	5,6mm Diameter wire tie 900mm girth bent double, with one end built into brickwork and other end fixed to concrete	No	110
Galvanised hoop iron cramps, ties, etc			
26	40 x 1.6mm wall tie 500mm long with one end shot pinned to concrete and other end built into brickwork	No	256
27	30 x 2,0mm Wall tie 1,000mm long with one end cast into concrete and other end built into brickwork	No	56
Carried Forward			R
Section No 2 Bill No 6 Masonry			

Brought Forward		
28	30 x 1,6mm Roof tie 1,5m long with one end built into brickwork and other end fixed to timber	No 35
FACE BRICKWORK		
"Corobrick" face bricks (PC R6,800/1000 bricks) pointed with recessed horizontal and vertical joints		
29	Extra over brickwork for face brickwork in foundations (Provisional)	m2 75
30	Extra over brickwork for face brickwork	m2 1,843
31	Extra over brickwork for brick-on-edge header course bands one course high	m 15
32	Extra over brickwork for brick-on-end soldier course lintels one course high, pointed on face and 220mm soffit	m 11
Brick-on-edge header course copings, sills, etc of "Corobrick" face bricks (PC R6,800/1000 bricks), pointed with flush joints on all exposed faces		
33	130mm Wide sills set sloping and slightly projecting	m 120

R

Carried Forward to Summary of Section No. 2

Section No 2
 Bill No 6
 Masonry

R

C.2.2/67

Brought Forward			R
	One layer "Derbigum SP4" waterproofing membrane on one layer "Derbigum CG3" waterproofing membrane sealed by means of "torchfusion" or "Coldbond 90" adhesive with 100mm side laps and 150mm end laps with one layer "Debigum Interdek" with 50mm side and end laps as isolation layer, to receive brick paving or tiling (elsewhere measured)		
4	On flat roofs not exceeding 25 degrees from the horizontal	m2	100
	5 Coats of rubberised bitumen reinforced with a non-woven needle-punched polypropylene fibre fabric with a mass of 125-150g/m2 applied on screed, applied in accordance with the manufacturer's recommendations		
5	On bottoms and sides of plant boxes	m2	41
6	Extra over for additional membrane at 110mm diameter outlet	No	1
7	To sides of retaining walls	m2	218
	One layer "a.b.e" 'bituprime' primer, with one layer "a.b.e." 4mm 'Unigum' waterproofing membrane with 100mm side laps and 150mm end laps, sealed to primed surface by toch-fusion, to receive a "a.b.e." 8mm 'abedrain' HD polyethylene drainage and protection layer		
8	To sides of retaining walls	m2	277
	"Sealoflex" flexible acrylic waterproofing system, including "G1" non-woven polyester reinforcing membrane		
9	220mm Wide on tops of parapet and balustrade walls	m	57
	SEALING STRIPS, JOINT SEALANTS, ETC		
	Two-part grey polysulphide sealing compound including backing cord, bond breaker, primer, etc		
10	3 x 50mm In saw cut joints in floors	m	116
11	12 x 12mm In isolation joints in floors including raking out expansion joint filler as necessary	m	566
	Carried Forward		
	Section No 2 Bill No 7 Waterproofing		
			R

Brought Forward

12 12 x 12mm In expansion joints in floors including raking
out expansion joint filler as necessary

m

172

R

Carried Forward to Summary of Section No. 2

Section No 2
Bill No 7
Waterproofing

R

Item No		Quantity	Rate	Amount
	SECTION 2			
	BILL No 8			
	ROOF COVERINGS, ETC			
	For preambles refer to "Model Preambles for Trades"			
	PREAMBLES			
	The Model Preambles for Trades (1999 edition) as published by the Association of South African Quantity Surveyors shall be deemed to be incorporated in this document			
	SUPPLEMENTARY PREAMBLES			
	Descriptions of all roof coverings are deemed to include for all straight cutting			
	The quantities in this bill are provisional and will be recalculated on completion of the contract and valued at bill rates			
	The "Klip-Lok" roof sheeting and all accessories are to be fixed by means of patent clips all in accordance with the manufacturer's specifications			
	Prices shall include for the supply, delivery, unloading if required, hoisting and fastening in position to steel purlins			
	PROFILED METAL SHEETING AND ACCESSORIES			
	0,8mm "Chromadek" Z200 ISQ 550 or equal approved spelter galvanised corrugated steel sheets and accessories with charcoal grey finish of approved standard colour on one side and standard grey backing finish on reverse side, fixed to steel purlins or rails			
1	Underlay of 250 micron plastic sheeting with 75mm lapped and sealed joints fixed concurrently with purlins (<u>provisional</u>)	m2	1,394	
	Carried Forward		R	
	Section No 2 Bill No 8 Roof coverings			

Brought Forward		
2	Roof covering with pitch not exceeding 25 degrees	m2 1,249
3	Soffit cladding	m2 145
4	Plain fixed angle hip cappings	m 128
5	Ridge cappings 375mm girth	m 128
6	Ridge end cap	No 8
7	Birdproofing	m 184
8	Eaves fillers	m 237
SHEET METAL FLASHINGS, LININGS, COPINGS, ETC		
0,8mm Steel sheet metal with "charcoal grey" finish to top side and standard primer coat to reverse side		
9	Barge flashing, 550mm girth	m 128
10	Side wall flashings 462mm girth	m 60
11	Counter flashings 185mm girth	m 60
12	Drip flashing, 231mm girth	m 45
13	Valley flashing, 540mm girth	m 128
14	Rake cutting & waste	m 256
"Everite Nutec" High density plain fibre-cement and barge boards or similar approved fascia boards		
15	10 x 150mm Fascias and barge boards, including galvanised steel H-profile jointing strips	m 37
16	10 x 255mm Fibre cement fascia board, including galvanised steel H-profile jointing strips	m 116
RAINWATER DISPOSAL		
0.80mm Thick Colorbond" or similar approved square profile seamless gutters, (colour: charcoal)		
17	Eave Gutter 385mm girth	m 237
Carried Forward		
Section No 2 Bill No 8 Roof coverings		

R

R

Brought Forward			
18	Corner gutter 385mm girth	m	24
19	Gutter stop ends	No	8
20	Gutter outlets 100 x 75mm	No	22
21	Downpipes 100 x 75mm	m	114
22	Downpipe offsets 100 x 75mm	No	22
23	Downpipe shoes 100 x 75mm	No	22

ROOF INSULATION

"Super sisalation 400" or equal approved double sided reflective aluminium foil insulation

24	Insulation laid taut over purlins and fixed concurrent with roof covering, on and white PVC coated straining wire spaced at 400mm centres double-sided tape at edges where required	m2	1,394
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Carried Forward to Summary of Section No. 2

Section No 2
Bill No 8
Roof coverings

R

Item No	Quantity	Rate	Amount
SECTION 2			
BILL NO 9			
CARPENTRY AND JOINERY			
SUPPLEMENTARY PREAMBLES			
For preambles refer to "Model Preambles for Trades"			
<u>Fixing</u>			
Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins, or to be shot-pinned, to brickwork or concrete			
Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 500mm centres, and where described as "bolted", the bolts have been given elsewhere			
<u>Joinery</u>			
Descriptions of frames shall be deemed to include frames, transomes, rails, etc			
Descriptions of hardwood joinery shall be deemed to include sinking and pelleting heads and nuts of bolts			
<u>Decorative thermosetting plastic laminate covering</u>			
Laminate covering shall be glued under pressure and edge strips of same shall be butt jointed at junctions with adjacent similar finish			
SKIRTINGS			
"Wrought meranti" or similar approved			
1	20 x 75mm Moulded skirting with 19mm quadrant bead, plugged	m	119
DOORS, ETC			
Carried Forward			R
Section No 2 Bill No 9 Carpentry and Joinery			

Brought Forward		
Wrought meranti fanlights hung to steel frames		
2	44mm Fanlight 813 x 305mm high of 44mm wide frame, in single pane, rebated all round including glazing beads	No 15
Solid core flush doors with 3mm masonite panels both sides, hung to steel frames		
3	44mm Thick door 813 x 2,032mm high	No 15
4	44mm Thick single louvred door 1,200 x 2,032mm high	No 1
5	44mm Thick single louvred door 1,200 x 2,032mm high	No 1
"Bitcon" or similar approved fire doors with "masonite" cladding		
6	Class B fire door 1,000 x 2,125mm high including 1.2mm mild steel single rebated frame suitable for a one brick wall, <u>one and a half pair of 100mm heavy duty butt stainless steel hinges with nylon washers</u> , and preparing frame for door closer and lock and <u>all other ironmongery as per architect's specification</u>	No 3
BEADS, ARCHITRAVES, ETC		
"Medium density fibre cement board"		
7	15 x 375mm Girth window sills, plugged	m 125
FRAMES ETC		
Wrought hardwood		
8	105 x 50mm Moulded and rebated frame for 813 x 2032mm high door	No 15
DUCT COVERS		
Fibre-cement medium density plain flat sheets		
9	9mm Duct cover 800 x 2000mm high fixed at 300mm centres along edges with chromium plated dome headed screws in cup washers	No 2
FITTINGS		
Carried Forward		
Section No 2 Bill No 9 Carpentry and Joinery		

R

R

Brought Forward

R

SUPPLEMENTARY PREAMBLES

The following cupboard fittings have been measured as complete units i.e. the components of the units have not been separately measured. The descriptions, therefore, of such units shall be deemed to include all components, assembling, housing, notching, glueing, blocking, planting on and screwing with countersunk screws, edge strips, decorative plastic finish, glass, ironmongery, metalwork, paint or varnish finishes, etc

The contractor must clearly note that prices for all cupboards, kitchen units, etc must include for everything as described in the foregoing and following preambles, samples units, prior approval by the representative/agent, etc and no claim in this regard will be entertained

All kitchen units shall be made of MDF supawood material

Sides, shelves and bottoms to be 16mm thick MDF supawood with factory applied melamine finish and with 2mm thick PVC finishing to edges

All floor units to have kickplates of 16mm MDF supawood and laminated with "Renolit Laminate" or other equal and approved, on front face

All floor units to have skirtings on all exposed sides and back panels of 70 x 22mm black melamine veneered supawood skirting, fixed to kickplates

All floor units to have four approved steel powder coated levellers per unit

Tops are to be 35mm post formed formica counter top or other equal and approved formica top. All edges to be sealed with silicone

Doors and fronts are to be 16mm thick MDF supawood with "Melamine" or other equal and approved finish, and with 2mm PVC finish to edges

All hinges must be internal concealed "Hettich" type or other equal and approved, with a minimum 100,000 cycle test guarantee

Carried Forward

R

Section No 2
Bill No 9
Carpentry and Joinery

Brought Forward

All units must be inclusive of all necessary cross strutting, cleats and concealed fixing brackets, screws, etc

Drawer runners must be metal with nylon runners of "Hettich" type and quality, or other equal and approved, and with a 30kg load capacity and a 100,000 cycle test guarantee

KITCHEN CUPBOARDS

Kitchen cupboards, etc with approved hinges, handles and telescopic drawer slides (as per drawing A 405 sheet 1 of 2 and sheet 2 of 2)

10	Floor cupboard 570 x 600 x 900mm high with sides, bottom, shelf, back and a single hinged doors	No	1
11	Floor cupboard 480 x 600 x 900mm high with sides, bottom, shelf, back and two single hinged doors	No	3
12	Floor cupboard 580 x 600 x 900mm high with sides, bottom, shelf, back and two single hinged doors	No	2
13	Drawers 570 x 450 x 760mm high overall with sides, bottom and back	No	1

COUNTERS AND WORK TOPS

35mm Thick postformed formica or other equal and approved top with rounded edges

14	600mm Wide counter top	m	4
15	Extra on worktop for cut out for 600 x 480mm sit on sink bowl (sink elsewhere measured)	No	1

Carried Forward to Summary of Section No. 2

Section No 2
Bill No 9
Carpentry and Joinery

R

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Item No		Quantity	Rate	Amount
	SECTION 2			
	BILL NO 10			
	CEILINGS, PARTITIONS AND ACCESS FLOORING			
	For preambles refer to "Model Preambles for Trades"			
	SUPPLEMENTARY PREAMBLES			
	<u>Descriptions</u>			
	Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins or shot pinned to brickwork or concrete			
	Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 600mm centres, and where described as "bolted" the bolts have been given elsewhere			
	<u>Bulkheads</u>			
	Bulkheads are those areas of the ceiling which are at a level differing from the general ceiling in a particular room or area and which generally occur along the perimeter of the room or area. Their purpose is either to conceal services or to create an architectural feature by changing levels			
	Bulkheads will only be measured as such when they conform with the above description and when the horizontal or vertical dimensions do not exceed 1.2m. Should these dimensions be more than 1.2m then the horizontal or vertical ceilings will be included in the general ceiling measurements			
	CEILINGS, ETC			
	"Aerolite" insulation or similar approved			
1	135mm Insulation closely fitted and laid on top of brandering between roof timbers, etc	m2	830	
	SUSPENDED CEILINGS			
	Carried Forward		R	
	Section No 2 Bill No 10 Ceilings, partitions and access flooring			

Brought Forward			R
Proprietary suspended ceilings			
1,200 x 600 x 15mm "OWAcoustic Sinfonia White" or other equal and approved mineral fibre ceiling panels on a pre-painted exposed tee suspension system with a reveal edge including main and cross tees, necessary hangers, grids, etc			
2	Ceilings suspended not exceeding 1m below timber trusses at approximately 1,400mm centres	m2	830
3	Extra over ceiling for opening for 50mm diameter downlighter (provisional)	No	34
4	Extra over ceiling for opening for 600 x 1,200mm light fitting (provisional)	No	65
5	Extra over ceiling for opening for 600 x 600mm light fitting (provisional)	No	53
6	Extra over ceiling for 600 x 600mm opening for ventilation/air conditioning diffuser (provisional)	No	12
"Gyproc" or other equal and approved cornices, perimeter trims to suspended ceilings			
7	SM25 or equal approved pre-painted recessed shadowline wall angle (colour : white), plugged	m	702
6,4mm Gypsum plasterboard ceiling on screw-up tee suspension grid including hangers etc, with tape fixed over joints and the whole finished with gypsum plaster trowelled to a smooth polished surface			
8	Ceilings suspended not exceeding 1m below timber trusses at approximately 1,400mm centres	m2	73
9	Horizontal portion of bulkheads 600mm wide, suspended not exceeding 1m below timber trusses at approximately 1,400mm centres	m	14
10	Vertical portion of bulkheads 400mm high, suspended not exceeding 1m below timber trusses at approximately 1,400mm centres	m	14
Carried Forward			R
Section No 2 Bill No 10 Ceilings, partitions and access flooring			

		Brought Forward			R
		"Pelican Systems" cornices, perimeter trims, etc to suspended ceilings			
11	PS6 or other equal and approved pre-painted (colour : black) shadowline wall angle for flush plastered ceilings, plugged	m	93		
	PARTITIONS, ETC				
	DRYWALL PARTITIONS				
	SUPPLEMENTARY PREAMBLES				
	<u>"GypRoc Drywall" partition systems</u>				
	Partitions consisting of 51mm (GypWall Classic) "Ultra Drywall" steel studs inserted at 400mm centres into 51mm "Ultrasteel Drywall" steel track at top and bottom clad on both sides as described, including additional studs as necessary at abutments, ends, etc. Boards shall be fixed in strict accordance with the manufacturer's instructions and all joints shall be taped and jointed				
	Partitions consisting of 63,5mm (GypWall Classic) "Ultra Drywall" steel studs inserted at 600mm centres into 63,5mm "Ultrasteel Drywall" steel track at top and bottom clad on both sides as described, including additional studs as necessary at abutments, ends, etc. Boards shall be fixed in strict accordance with the manufacturer's instructions and all joints shall be taped and jointed				
	Unless otherwise described, prices for partitions shall be deemed to include for standard flat section aluminium skirting on boarded sides				
	Wall paper and paint or varnish finishes are given separately				
	"GypRoc GypWall Classic 51/F30S39" steel stud partitions with both sides clad with one layer of 12,5mm "Taper-edge Rhinoboard" skimmed both sides				
12	Partitioning 3,040mm high with bottom track plugged and top track fixed to suspended ceiling tees	m	109		
		Carried Forward			R
	Section No 2 Bill No 10 Ceilings, partitions and access flooring				

Brought Forward		
13	Extra over partition 3,040mm high for vertical abutment	No 15
14	Extra over partition 3,040mm high for fair end	No 17
15	Extra over partition 3,040mm for corners	No 3
16	Extra over partition 3,040mm for t-intersections	No 8
Extra over "Gyproc GypWall Classic" partitions for 40mm semi-solid flush doors with commercial veneer on both sides and hardwood edge strips to vertical edges, hung to and including standard pressed steel door frame with one pair of 100mm steel hinges to each hanging stile, including additional studding, trimming, etc to partitions		
17	Door 900 x 2,400mm high including installation of lockset	No 14
"GypRoc GypWall Classic 63/F30S42" or similar approved steel stud partitions with both sides clad with one layer of 12,5mm "Taper-edge Rhinoboard", skimmed both sides, filled in with 107mm thick Isover Cavitybatt insulation in blanket form with a density of not less than 14kg/m²		
18	Partitioning 3,040mm high with bottom track plugged and top track fixed to suspended ceiling tees	m 67
19	Extra over partition 3,040mm high for vertical abutment	No 3
20	Extra over partition 3,040mm high for fair end	No 2
21	Extra over partition 3,040mm for corners	No 5
22	Extra over partition, 3,040mm for t-intersections	No 6
Extra over "Gyproc GypWall Classic" partitions for 40mm semi-solid flush doors with commercial veneer on both sides and hardwood edge strips to vertical edges, hung to and including standard pressed steel door frame with one pair of 100mm steel hinges to each hanging stile, including additional studding, trimming, etc to partitions		
23	Door 900 x 2,400mm high including installation of lockset	No 4
Carried Forward		
Section No 2 Bill No 10 Ceilings, partitions and access flooring		

R

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Brought Forward				R
24	Purpose made aluminium single door with two side lights and one fanlight, 2,100 x 2,400mm high overall	No	2	
Carried Forward to Summary of Section No. 2				R
Section No 2				
Bill No 10				
Ceilings, partitions and access flooring				

Item No		Quantity	Rate	Amount
	SECTION 2			
	BILL NO 11			
	IRONMONGERY			
	For preambles refer to "Model Preambles for Trades" and architectural ironmongery specification in part C2.2.3			
	SUPPLEMENTARY PREAMBLES			
	<u>Proprietary items</u>			
	Where applicable the manufacturers' names or product catalogue titles are given in sub-headings preceding the items			
	Prices are to be based on the specific products/articles specified. If tenderers wish to offer alternative products/articles for certain items, these items are to be clearly marked and the alternative specification given with supporting brochures etc clarifying the features of the products/articles offered			
	On request returnable samples are to be provided to the principal agent for consideration			
	<u>Finishes to ironmongery</u>			
	Where applicable finishes to ironmongery are indicated by suffixes in accordance with the following list: BS Satin bronze lacquered CH Chromium plated SC Satin chromium plated SE Silver enamelled GE Grey enamelled AN Anodised natural AS Anodised silver AB Anodised bronze AG Anodised gold ABL Anodised black PB Polished brass PL Polished and lacquered PT Epoxy coated SD Sanded			
	Carried Forward		R	
	Section No 2 Bill No 11 Ironmongery			

Brought Forward		
HINGES, BOLTS, ETC		
Manufactured by "Union"		
1	"SP-DFM" hinge	No 49
Manufactured by "Union"		
2	"8352-200SN" 200mm Aluminium refelx hinge	Pairs 8.0
LOCKS		
<u>Keys</u>		
Unless otherwise described locks shall have two keys each		
"EN-SUITE" LOCKS		
The following locks are to be suitable for master and grand master key operation		
Manufactured by "Union"		
3	"2X6SCGMK" Satin chrome double cylinder oval GMK SC lock	No 28
4	"2X8SCMKD" Satin chrome double cylinder oval MKD SC lock	No 3
5	"2X18SCMKD" Satin chrome double cylinder profile MKD SC lock	No 10
6	"2X20SCMKD" Satin chrome double cylinder profile MKD SC lock	No 3
7	"21314-76/5SS" Stainless steel W/C 5mm deadock	No 10
8	"2657-78SS" Stainless steel mortice latch	No 1
9	"L-2109-78SS" Stainless steel euro cylinder deadlock	No 10
10	"L-2241-78SS" Stainless steel oval cylinder lock	No 17
Carried Forward		
Section No 2 Bill No 11 Ironmongery		

R

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Brought Forward			
11	"37651AS" Anodised steel paraplegic facility indicator bolt	No	1
12	"AL5804-73AS" Aluminium ART 804C91 escutcheon CF WC	Pairs	9.0
13	"AL584-05AS" ART 841C91 escutcheon CF cylinder	Pairs	5.0
14	"AL584-13AS" C91 escutcheon oval	Pairs	1.0
15	"QD35X85MM-SS" 35mm Stainless steel spring latch and deadbolt lock	No	10
16	"AL8208-150AS" Anodised steel Art 208C91 150mm L/flush bolt	No	2
17	"2900SS" Stainless steel 2900 rebate set - for case size set 78	No	1
18	"ARC1182SS" Stainless steel roller catch	No	3
19	"AL8208-1804AS/MD" Anodised steel flush bolt for metal doors	No	4
20	"325/51" 76mm single cylinder sashlock	No	3
21	"870/60/71" 50mm Padlock	No	2

HANDLES

Manufactured by "Union"

22	"AL6SA45-13AS" Sable on plate oval aluminium pull handles	Pairs	18.0
23	"AL5SA66R-13AS" 152 x 152mm Sable aluminium pull handle on backplate RH oval	No	9
24	"AL5SA66L-13AS" 152 x 152mm Sable aluminium pull handle on backplate LH oval	No	9
25	"AL6SA66TL-73AS" 152 x 152mm Sable aluminium pull handle on backplate	Pairs	1.0
26	"AL6SA66-06AS" 152 x 152mm Sable aluminium pull handle on backplate	Pairs	4.0

Carried Forward

Section No 2
Bill No 11
Ironmongery

R

R

Brought Forward			
27	"AL5515-300FLAS" 300mm Pull handle flange	No	2
28	"AL5515-111BBAS" Aluminium 111mm Pull handle BTB	Pairs	12.0
29	"AL5515-111BTAS" Aluminium 111mm Pull handle BT	Pairs	4.0
30	"AL5512-300BBAS" Aluminium 300mm Pull handle BTB	Pairs	4.0
31	"QH26SN01" Anodised steel slim line spring loaded handle	Pairs	5.0
Manufactured by "Tesa"			
32	"J-881-SIL" 900mm Panic latch push bar	No	3
33	"J-885-SIL" OAD for J-series panic devices	No	3
34	"EDD104C069" Sanford 19mm handle complete with cylinder escutcheon	Pairs	3.0
PUSH PLATES AND KICK PLATES			
Manufactured by "Union"			
35	"AL5089-200W" 200 x 800 x 2mm Kick plate	No	4
36	"AL5066L-13AS" 152 x 152mm LH oval push plate	No	4
DOOR CLOSERS			
Manufactured by "Assa Abloy"			
37	Silver DC 200 R&P closer en 2-4	No	17
38	Silver "DC700DA" AA cam motion door closer EN-3-6 DA	No	1
39	Silver "DC420DAHO" cam action FS EN2-4DAHO	No	4
40	"DCA154-EV" Silver parallel arm bracket	No	3
LETTERS, NAMEPLATES, ETC			
Carried Forward			
Section No 2 Bill No 11 Ironmongery			

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Brought Forward

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Manufactured by "Union"

41	"AL5066-06ASE02" Aluminium tea/Kitchen sign engraved plate	No	1
42	"AL5066-06ASE17" Aluminium cleaner mop & bucket sign engraved plate	No	2
43	"AL5066-06ASE13" Aluminium first aid sign engraved plate	No	1
44	"AL5066-06ASE19" Aluminium baby sign engraved plate	No	1
45	"AL5066-06ASE10" Aluminium male indicator sign engraved plate	No	2
46	"AL5066-06ASE11" Aluminium female indicator sign engraved plate	No	2
47	"AL5066-06ASE12" Aluminium male and female indicator sign engraved plate	No	1
48	"AL5066-06ASE14" Aluminium paraplegic toilet sign engraved plate	No	1
49	"AL5066-06ASE15" Aluminium escape route sign LH engraved plate	No	3

SUNDRIES

Manufactured by "Union"

50	"AL8722AS" Anodised coat hook rubber tipped	No	26
51	"CZ8731SC" satin chrome floor mounted door stop, plugged	No	44
52	"8852SC" Satin chrome dust proof strike	No	2

Carried Forward to Summary of Section No. 2

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Section No 2
Bill No 11
Ironmongery

Item No		Quantity	Rate	Amount
	SECTION 2			
	BILL NO 12			
	STRUCTURAL STEELWORK (PROVISIONAL)			
	For preambles refer to "Model Preambles for Trades"			
	SUPPLEMENTARY PREAMBLES			
	Structural steel components and the calculation of masses are in accordance with "Structural Steel Tables" issued by the South African Institute of Steel Construction			
	Descriptions of bolts shall be deemed to include nuts and washers			
	Descriptions of L-shaped and U-shaped anchor bolts shall be deemed to include bending, threading, nuts and washers and embedding in concrete			
	Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete			
	Prices for structural steelwork are to include for all cutting, fitting, fastening, welding, drilling of holes or slotted holes, bolts, nuts, washers, rivets, etc for bolting and welding components together either in the place of manufacture or on site and for surface preparation and finishing off as specified			
	Prices shall include for the supply, delivery, unloading if required, hoisting and erecting of the rafters, beams, etc on top of walls, beams or slabs, truly plump and square at the required centres, including all bracing necessary during fixing			
	Carried Forward		R	
	Section No 2 Bill No 12 Structural steelwork			

Brought Forward			R
<p>The structural engineer is to be consulted should the contractor require any additional information regarding the rafter and beam layout and/or design. The contractor shall also inspect the drawings before submitting prices for such rafters and beams as no claims for extra compensation will be entertained should the contractor not comply with the above instruction</p> <p><u>Descriptions</u></p> <p>Descriptions of bolts shall be deemed to include nuts and washers</p> <p>Descriptions of L-shaped and U-shaped anchor bolts shall be deemed to include bending, threading, nuts and washers and embedding in concrete</p> <p>Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete</p> <p>Where anchor bolts are described as embedded in sides or soffits of concrete it shall be deemed to include holes through formwork</p> <p>WORKSHOP DRAWINGS</p> <p>1 The contractor is required to prepare and submit to the engineer detailed workshop drawings including site erection details and receive the engineer's written approval thereof before any manufacturing is commenced</p> <p>STEEL COLUMNS AND BEAMS</p> <p>Welded compound columns consisting of two vertical 120 x 120 x 6mm x 21.7kg/m square hollow sections and two horizontal 120 x 120 x 6mm x 21.7kg/m square hollow sections with flat base, cap, bearer and connection plates, bolted to steel</p> <p>2 614 x 2,411mm High extreme compound columns (In No 7) (Type A)</p>		Item	
	t	0.85	
Carried Forward			R
<p>Section No 2 Bill No 12 Structural steelwork</p>			

Brought Forward			R
Welded compound columns consisting of two vertical 120 x 120 x 6mm x 21.7kg/m square hollow sections and two horizontal 120 x 120 x 6mm x 21.7kg/m square hollow sections including 203 x 203 x 46kg/m H-section base with flat cap, bearer and connection plates, bolted to steel			
3	1,094 x 3,350mm High extreme compound columns (In No 10) (Type B)	t	1.79
4	1,098 x 3,350mm High extreme compound columns (In No 2) (Type C)	t	0.40
5	1,098 x 3,350mm High extreme compound columns (In No 2) (Type D)	t	0.40
6	1,098 x 3,350mm High extreme compound columns (In No 5) (Type E)	t	0.90
Welded columns in single lengths with flat section base, top, bearer and connection plates bolted to concrete			
7	254 x 146mm x 31kg/m I-section column	t	0.39
8	160 x 80 x 3,5mm Rectangular hollow section column	t	0.54
9	150 x 50 x 5mm Rectangular hollow section column	t	0.22
Welded beams in single lengths with flat bearer and connection plates, bolted to steel			
10	152 x 152mm x 23kg/m H-section beams	t	4.22
11	152 x 152mm x 23kg/m H-section beams in lengths exceeding 13m and not exceeding 18m	t	0.82
12	IPE 200 beams	t	1.79
13	100 x 100 x 5mm Square hollow section beam	t	1
Welded beams in single lengths with flat bearer and connection plates, bolted to concrete			
14	120 x 60mm x 3.5kg/m I-section Rectangular hollow section beams	t	0.23
STEEL RAFTERS			
Carried Forward			R
Section No 2 Bill No 12 Structural steelwork			

Brought Forward		
Welded rafter in single lengths with flat bearer and connection plates, bolted to steel		
15	IPE 160 section rafters (monopitched lower roof rafter)	t 0.62
16	IPE 180 section rafters (overhangs)	t 0.26
STEEL TRUSSES		
Welded roof trusses of angle rafters, tie beams, rails, struts, braces, cleats, etc and flat bearer, gusset and connection plates, bolted to steel		
17	Monopitched trusses 4.500 x 0.815m high extreme (In No 2) (Truss 5)	t 0.45
18	Monopitched trusses 9.000 x 1.425m high extreme (In No 3) (Truss 3)	t 1.55
Welded roof trusses of angle rafters, tie beams, rails, struts, braces, cleats, I-section overhangs and flat bearer, gusset and connection plates, bolted to steel		
19	Monopitched trusses 6.450 x 0.815m high extreme (In No 4) (Truss 4)	t 1.15
20	Monopitched trusses 7.570 x 0.815m high extreme (In No 2) (Truss 6)	t 0.60
21	Monopitched trusses 5.795 x 1.151m high extreme (In No 2) (Truss 11)	t 0.57
22	Monopitched trusses 8.090 x 1.151m high extreme (In No 4) (Truss 10)	t 1.45
23	Monopitched trusses 11.715 x 1.425m high extreme (In No 6) (Truss 1)	t 3.48
24	Monopitched trusses 13.715 x 1.425m high extreme (In No 3) (Truss 2)	t 2.35
Carried Forward		
Section No 2 Bill No 12 Structural steelwork		

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Brought Forward		
Welded roof trusses of angle rafters, tie beams, rails, struts, braces, cleats, etc, round hollow section posts, and flat bearer, gusset and connection plates, bolted to steel		
25	Monopitched trusses 13.830 x 1.360m high extreme (In No 2) (Truss 7)	t 1.45
Welded roof trusses of angle rafters, tie beams, rails, struts, braces, cleats, etc, round hollow section posts, I-section overhangs and flat bearer, gusset and connection plates, bolted to steel		
26	Monopitched trusses 17.948 x 1.360m high extreme (In No 2) (Truss 8)	t 1.93
Welded roof trusses of angle rafters, tie beams, rails, struts, braces, cleats, etc, round hollow section king posts, I-section overhangs and flat bearer, gusset and connection plates, bolted to steel		
27	Double pitched trusses 10.795 x 1.196m high extreme (In No 1) (Truss 9)	t 0.63
STEEL PURLINS, GIRTS, BRACING, ETC		
Purlins and girts, bolted to steel		
28	150 x 50 x 20 x 2,5mm Thick cold-formed lipped channel purlins	t 1.57
29	175 x 75 x 20 x 3.0mm Thick cold-formed lipped channel purlins	t 1.16
30	200 x 75 x 20 x 2.5mm Thick cold-formed lipped channel purlins	t 2.41
31	200 x 75 x 20 x 3.0mm Thick cold-formed lipped channel purlins	t 2.82
32	200 x 75 x 20 x 3.5mm Thick cold-formed lipped channel purlins	t 1.70
33	200 x 75 x 20 x 4.5mm Thick cold-formed lipped channel purlins	t 2.50
Carried Forward		
Section No 2 Bill No 12 Structural steelwork		

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Brought Forward		
Welded bracing, anti-sag rails, etc with flat connection plates, bolted to steel		
34	40 x 40 x 3mm 1.84kg/m Angle bracing	t 0.50
35	60 x 3mm Round hollow section bracing	t 0.47
36	50 x 50 x 3mm Angle section sag angles	t 0.50
37	100 x 100 x 8mm Angle section bracing	t 0.12
38	152 x 76 x 17.9kg/m Taper flange channel knee bracing	t 3.80
39	120 x 60mm x 13.5kg/m Rectangular hollow section decorative sunscreen members	t 0.64
BOLTS, FASTENERS, ETC		
40	High tensile bolts (class 8.8)	t 1.50
PAINTWORK		
Touch up red oxide primer, one coat universal undercoat and two coats non-drip polyurethane enamel paint on steel		
41	Structural steel trusses, etc (provisional)	t 41.00
Carried Forward to Summary of Section No. 2		
Section No 2		
Bill No 12		
Structural steelwork		

R

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Item No		Quantity	Rate	Amount
	SECTION 2			
	BILL NO 13			
	METALWORK			
	For preambles refer to "Model Preambles for Trades"			
	SUPPLEMENTARY PREAMBLES			
	<u>Descriptions</u>			
	Descriptions of bolts shall be deemed to include nuts and washers			
	Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete			
	Metalwork described as "holed for bolt(s)" shall be deemed to exclude the bolts unless otherwise described			
	Attention is drawn to the fact that all stated sizes of aluminium units are approximate only and it is the contractor's responsibility to take all necessary site measurements before commencing with any manufacturing work			
	In as far as possible, the tenderer is to allow for standard glass sheet sizes for the shopfront panels and where required is to allow for neat butt joints within a shopfront panel so as to minimise any wastage of glass			
	A set of drawings must be prepared, submitted to and approved by the architect and principal agent, before any work is put in hand, and prices must make due allowance therefore			
	Prices are to include for the design, supply and installation of all units, packing and filler pieces, smoke and fire barriers, framing, glazing beads, glazing gaskets, glazing, infill and spandrel panels, flashings, ironmongery and furniture unless otherwise indicated, etc. as described, specified or indicated on the schedules and/or drawings, for fixing in prepared openings in brick or block walls and pointing all round on both sides with suitable sealant			
	Carried Forward		R	
	Section No 2 Bill No 13 Metalwork			

Brought Forward

R

"Sondor" strips are to be fitted to all opening sections

Aluminium shopfronts, windows and doors shall be supplied with protective tape and plastic and shall be removed only once surrounding trades have been completed

Installation of frames and glazing to comply with BS 1470 and A.A.A.M.S.A. / S.A.G.G.A. national regulations

All glazing shall comply with the minimum requirements of the National Building Regulations part N-Glazing and SANS 0137, SANS 10400 & SANS 1263

Where there is a conflict between the architectural schedules and anywhere else in this tender document, the architectural schedules shall take precedence

The following certificates shall be provided prior to commencement of site work:

1. A copy of the relevant AAAMSA Performance Test Certificate from the manufacturer/contractor supplying the architectural aluminium product
2. A Certificate of Conformance confirming that anodising or powder coating has been processed in accordance with SANS 999 and SANS 1796 respectively
3. A powder guarantee of not less than 15 years issued by the powder manufacturer. The specific conditions contained in this guarantee shall form part of the powder coating process
4. A Certificate of Conformance confirming that glazing has been installed in accordance with SANS 0137, ensuring that safety glazing materials have been installed in the mandatory areas and that each individual pane of safety glazing materials has been permanently marked
5. A warranty from the manufacturer of the laminated safety glass and/or hermetically sealed glazing units guaranteeing the products against delamination and colour degradation for a period of not less than five years

Carried Forward

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Section No 2
Bill No 13
Metalwork

Brought Forward			R
Top rails of shopfronts, lobby screens, etc and doors are fixed to underside of flush plaster bulkhead ceilings below concrete slabs. Prices are to include for necessary extension brackets to tie back to the concrete soffit (shopfront stability/wind loads, etc) where required			
SUNDRY GALVANISED STEELWORK			
Bearers to brick linings, lintels, etc			
1	90 x 90 x 6mm Angle section brick bearers once holed for bolt at 500mm centres	kg	1,500
2	"Hilti" M12 HS-F anchors	No	280
Corner protectors			
3	50 x 50 x 5mm Angle frame	kg	189
MILD STEEL DOOR FRAME			
1,2mm Double rebated frame suitable for half brick walls with three medium duty 100mm flanged brass hinge with nylon washers per door leaf			
4	Frame for door 813 x 2,032mm high	No	7
1,2mm Double rebated frame suitable for one brick walls with three medium duty 100mm flanged brass hinge with nylon washers per door leaf			
5	Frame for door 813 x 2,032mm high	No	8
1,2mm Double rebated frame suitable for half brick walls with six medium duty 100mm flanged brass hinge with nylon washers per door leaf			
6	Frame for double door 1,200 x 2,032mm high	No	2
PRESSED STEEL COMBINATION DOORS AND FRAMES			
Mild steel doors louvred both sides			
7	Duct door 700 x 2,100m high with a 1.6mm double rebated frame suitable for half brick wall	No	3
Carried Forward			R
Section No 2 Bill No 13 Metalwork			

Brought Forward

R

**PRESSED STEEL TRANSFORMER ROOM
DOORS AND FRAMES**

Mild steel doors

8	Double door 3,000 x 2,100mm high with 1,6mm rebated frame suitable for one brick wall and including two 815 x 395mm steel louvres	No	1
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STEEL SHELF ANGLES

Standard shelving

9	Mild steel medium duty slotted angle shelving 914 x 457 x 2,438mm high overall, with five shelves, unit assemble together with corner gaskets and complete with standard bracing, end frame angle uprights and all necessary accessories in accordance to the manufacturers specifications - Q1 as per architects drawing 054120-A-6004-01	No	10
10	Mild steel medium duty slotted angle shelving 744 x 457 x 2,438mm high overall, with five shelves, unit assemble together with corner gaskets and complete with standard bracing, end frame angle uprights and all necessary accessories in accordance to the manufacturers specifications - Q2 as per architects drawing 054120-A-6004-01	No	11

SUNDRY METALWORK

Bearers to brick linings, lintels, etc

11	30 x 30 x 6mm Thick angle iron with fish tail lugs	m	24
12	50 x 50 x 5mm Thick angle iron with 30 x 3mm thick fish tail lugs	m	12
13	50 x 50 x 6mm Thick angle iron with 14mm diameter holes	m	8
14	90 x 90 x 6mm Thick angle iron with 30 x 3mm thick fish tail lugs	m	16
15	90 x 90 x 8mm Thick angle iron with 30 x 3mm thick fish tail lugs at 400mm centres	m	62

Carried Forward

R

Section No 2
Bill No 13
Metalwork

Brought Forward			R
16	90 x 90 x 6mm Thick angle iron support 230mm long twice holed	m	24
17	90 x 90 x 8mm Thick angle iron support 230mm long twice holed	No	6
18	60 x 60 x 5mm Galvanised angle irons with 30 x 30mm fish tails lugs 150mm long at 300c/c cast into concrete 1,000mm long	No	3
19	60 x 60 x 5mm Galvanised angle irons with 30 x 30mm fish tails lugs 150mm long at 300c/c cast into concrete 1,800mm long	No	4
20	100 x 100 x 8mm Galvanised angle irons with 30 x 30mm fish tails lugs	No	6
21	150 x 150 x 10mm Angle iron support	No	10
22	M16 bolts	No	145

PRESSED STEEL POWDER COATED ROLLER SHUTTER DOORS

"Roll Up Serranda" or similar approved roller shutter doors

23	Electrically operated black powder coated finish panel door for 5,345 x 2,465mm high opening, with equal or approved mild steel guide channels mounted vertically on both sides of door opening with standard mild steel bottom rail including electrical connection and commissioning (electrical isolator elsewhere)	No	1
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ALUMINIUM SHOPFRONTS, WINDOWS, DOORS, ETC

Design, supply and installation of purpose made windows and doors with black powder coated frame finish including aluminium composite/metal pressed panels, subframes, ironmongery, glass, sealing, glazing beads, etc and fixing to brickwork, concrete or plasterboard bulkhead all complete as per architects' drawings and specifications (Refer to drawings A603 & 604)

Carried Forward

R

Section No 2
Bill No 13
Metalwork

Brought Forward			R
<u>The following glazing to be single glazed "Intruder prufe Hi impact Colourvue deep cool bronze glass" or similar approved glass, sealed with silicone fill and butyl tape back strip</u>			
24	Window type W1 size 1,500 x 1,500mm high overall made up of one x fixed glass panel, one sliding glass panel	No	1
25	Window type W2 size 1,700 x 1,500mm high overall made up of one x fixed glass panel, one sliding glass panel	No	21
26	Window type W3 size 1,400 x 800mm high overall made up of one x fixed glass panel, one sliding glass panel	No	2
27	Window type W4 size 600 x 500mm high overall made up of one x fixed glass panel, one sliding glass panel	No	16
28	Window type W5 size 2,000 x 1,500mm high overall made up of one x fixed glass panel, one sliding glass panel	No	1
Design, supply and installation of purpose made shopfronts, windows and doors with powder coated black finish as per architect's specifications (refer to drawings A600 & 601)			
<u>The following glazing to be single glazed "Intruder prufe Hi impact Colourvue "Deep cool bronze glass" sealed with silicone fill and butyl tape back strip</u>			
29	Shopfront type CW-011 size 12,700 x 2,800mm high overall	No	1
30	Shopfront type CW-02 size 4,190 x 2,725mm high overall	No	1
31	Shopfront type CW-03 size 9,820 x 2,750mm high overall	No	1
32	Shopfront type CW-04 size 3,015 x 2,700mm high overall	No	1
33	Shopfront type CW-05 size 3,108 x 2,700mm high overall	No	1
Carried Forward			R
Section No 2 Bill No 13 Metalwork			

Brought Forward			R
<u>The following glazing to be single glazed "Intruder prufe Hi impact PVB clear glass" sealed with silicone fill and butyl tape back strip</u>			
34	Shopfront type D-02 size 2,100 x 3,000mm high overall	No	2
NATURAL ANODISED ALUMINIUM LOUVRE UNITS			
Manufactured by "Geze" or similar approved louvre units			
35	Louvre unit size 467 x 402mm high	No	4
36	Louvre unit size 523 x 402mm high	No	1
37	Louvre unit size 317 x 395mm high	No	2
BURGLAR BARS, ETC			
"Trellidor" Cottage Guard or similar approved burglar proofing			
38	Burglar proofing to window type W1 size 1,500 x 1,500mm high overall	No	1
39	Burglar proofing to window type W2 size 1,700 x 1,500mm high overall	No	21
40	Burglar proofing to window type W3 size 1,400 x 800mm high overall	No	2
41	Burglar proofing to window type W4 size 600 x 500mm high overall	No	16
42	Burglar proofing to window type W5 size 2,000 x 1,500mm high overall	No	1
Carried Forward to Summary of Section No. 2			R
Section No 2			
Bill No 13			
Metalwork			

Item No		Quantity	Rate	Amount
	SECTION 2			
	BILL NO 14			
	PLASTERING			
	For preambles refer to "Model Preambles for Trades"			
	GRANOLITHIC			
	<u>Method</u>			
	The method to be used shall be either the monolithic method or the bonded method			
	<u>Preparation</u>			
	For granolithic applied monolithically, the concrete floor shall be swept clean after bleeding of the concrete has ceased and the slab has begun to stiffen; any remaining bleed water shall be removed and the granolithic applied immediately thereafter. For granolithic to be bonded to the floor slab after it has hardened, the slab surface shall be hacked (preferably by mechanical means) until all laitance, dirt, oil, etc is dislodged and swept clean of all loose matter. The slab shall then be wetted and kept damp for at least six hours before applying the granolithic			
	<u>Mix</u>			
	Granolithic shall attain a compressive strength of at least 41MPa. The coarse aggregate shall comply with SANS 1083 and shall generally be capable of passing a 10mm mesh sieve. Where the thickness of the granolithic exceeds 25mm, the size of the coarse aggregate shall be increased to the maximum size compatible with the thickness of the granolithic			
	<u>Panels</u>			
	Granolithic shall be laid in panels not exceeding 14m ² for monolithic finishes, not exceeding 9,5m ² for bonded finishes and not exceeding 6m ² for all external granolithic. Wherever possible, panels shall be square but at no time should the length of the panel exceed 1,5 times its width			
	Carried Forward		R	
	Section No 2 Bill No 14 Plastering			

Brought Forward

R

Where possible joints between panels shall be positioned over joints in the floor slab and shall be at least 3mm wide through the full thickness of the finish, separated by strips of wood or fibreboard and finished with V-joints

Laying

Monolithic granolithic shall be applied to the partially set slab and thoroughly compacted and lightly wood floated to the required levels

Bonded granolithic shall be applied to the slab after applying a 1:1 sand-and-cement slurry brushed over the surface and allowed to partially set before applying the granolithic. The granolithic shall be thoroughly compacted and lightly wood floated to the required levels

After wood floating, the monolithic and bonded granolithic shall remain undisturbed until bleeding has ceased and the surface has stiffened. Any remaining bleed water and laitance shall then be removed and the surface steel trowelled or power floated

Curing, seasoning and protection

Granolithic shall be covered with clean hessian with waterproof building foil over and kept wet for at least seven days after laying

SCREEDS

Screeds wood floated, on concrete

1	25mm Thick on floors and landings	m2	245
2	40mm Thick on floors and landings	m2	1,567
3	40mm Thick on treads and risers of stairs	m2	26
4	Average 40mm thick on floors to falls and currents	m2	55
5	Average 75mm thick on floors to falls and currents	m2	35
6	110 x 110mm High overall triangular fillet	m	110

INTERNAL PLASTER

Carried Forward

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Section No 2
Bill No 14
Plastering

Brought Forward			
	Cement plaster wood floated for tiles, on brickwork		
7	On walls	m2	262
8	On narrow widths	m2	12
	Cement plaster wood floated, on brickwork		
9	On walls	m2	531
10	On narrow widths	m2	4
	Cement plaster rendering coat with gypsum skim plaster finishing coat, on brickwork		
11	On walls	m2	1,173
12	On narrow widths	m2	43
	Cement plaster rendering coat with gypsum skim plaster finishing coat, on concrete		
13	On ceilings	m2	75
	EXTERNAL PLASTER		
	Cement plaster wood floated, on brickwork		
14	On walls	m2	289
15	On narrow widths	m2	54
	Cement plaster wood floated, on concrete		
16	On projecting and isolated columns	m2	441
17	On projecting and isolated beams	m2	725
Carried Forward to Summary of Section No. 2			
Section No 2			
Bill No 14			
Plastering			

R

Item No		Quantity	Rate	Amount
	SECTION 2			
	BILL NO 15			
	TILING			
	For preambles refer to "Model Preambles for Trades"			
	SUPPLEMENTARY PREAMBLES			
	<u>Fixing</u>			
	Unless described as "fixed with adhesive to plaster (plaster elsewhere)" descriptions of tiling on brick or concrete walls, columns, etc shall be deemed to include 1:4 cement plaster backing and descriptions of tiling on concrete floors etc shall be deemed to include 1:3 plaster bedding			
	Tiling described as "fixed with adhesive on power floated concrete" shall be deemed to include for approved tiling key-coat			
	Ceramic, porcelain, marble and granite tiles are to be fixed and grouted with suitable adhesives and grouts from the "Tal Professional" range of products as recommended by the manufacturer of the tiles			
	<u>Provisional quantities</u>			
	The quantities in this bill are provisonal and will be recalculated on completion of the contract and valued at bill rates			
	WALL TILING			
	600 x 600 x 8mm Porcelain tiles (PC R600/m2) fixed with approved wall adhesive to plaster (plaster elsewhere) and flush pointed with approved white tile grouting			
1	On walls	m2	262	
2	On narrow widths	m2	5	
	FLOOR TILING			
	Carried Forward		R	
	Section No 2			
	Bill No 15			
	Tiling			

Brought Forward		
600 x 600 x 10mm Thick porcelain tiles (PC R600/m2) fixed with adhesive to bedding (bedding elsewhere) and flush pointed with fine epoxy waterproof grouting - F1		
3	On floors and landings	m2 642
4	Skirting 100mm high of cut 600 x 600mm tiles	m 278
5	Circular cutting	m 16
300 x 300 x 9mm Thick slip resistant porcelain matt tiles (PC R500/m2) fixed with adhesive to bedding (bedding elsewhere) and flush pointed with fine epoxy waterproof grouting - F2		
6	On floors and landings	m2 122
7	Skirting 100mm high of cut 300 x 300mm tiles	m 148
8	On risers 170mm high (of cut 300 x 300mm tiles)	m 65
9	On treads 250mm high (of cut 300 x 300mm tiles)	m 59
CORNER PROTECTORS, DIVIDING STRIPS, ETC		
Kirk Marketing stainless steel corner protectors, edge trims, etc fixed to brickwork or concrete		
10	M-trim ATICB100.S aluminium straight edge trim	m 278
11	M-trim ACP127.S aluminium corner protectors	m 108
Carried Forward to Summary of Section No. 2		
Section No 2		
Bill No 15		
Tiling		

R

R

Item No		Quantity	Rate	Amount
	SECTION 2			
	BILL NO 16			
	PLUMBING AND DRAINAGE			
	For preambles refer to "Model Preambles for Trades"			
	SUPPLEMENTARY PREAMBLES			
	Wire gratings			
	Descriptions of gutter outlets etc shall be deemed to include wire balloon gratings			
	Stormwater channels			
	Descriptions of channels shall be deemed to include necessary excavation, surface preparation, compaction, etc, and disposal of surplus material on site			
	Stainless steel basins, sinks, wash troughs, urinals, etc			
	Stainless steel for economy basins, domestic sinks and worktops shall be Type 430 (17/0)			
	Stainless steel for urinals, basins, quality sinks, wash troughs, institutional equipment, etc shall be Type 304 (18/8)			
	Stainless steel for laboratory sinks, photographic equipment, etc shall be Type 316 (18/8)			
	Units shall have standard aprons on all exposed edges and tiling keys against walls where applicable			
	Sealing of edges			
	Outer edges of sinks, basins, baths, urinals, etc are to be sealed against adjacent surfaces with approved silicone			
	Carried Forward		R	
	Section No 2 Bill No 16 Plumbing and drainage			

Brought Forward

R

PVC-U pipes and fittings

Sewer and drainage pipes and fittings shall be jointed and sealed with butyl rubber rings

Soil, waste and vent pipes and fittings shall be solvent weld jointed or sealed with butyl rubber rings

PVC-U pressure pipes and fittings

Pipes of 50mm diameter and smaller shall be plain ended with solvent welded PVC-U loose sockets and fittings

Pipes of 63mm diameter and greater shall have sockets and spigots with push-in type integral rubber ring joints. Bends shall be PVC-U and all other fittings shall be cast iron, all with similar push-in type joints

High density polyethylene (HDPE) pipes and fittings

Pipes shall be type IV and of the class specified with compression fittings

Pipes and fittings are to be manufactured by "Geberit" or similar approved manufacturer

"Geberit" shall provide site training prior to commencement of the works

Pipework shall be flood tested and results documented prior to and after ceiling grids are installed

Polypropylene pipes

Polypropylene pipes 54mm diameter and smaller shall be seamless copper coloured Class 16 pipes jointed with heat welded thermoplastic or where so described compression fittings

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

Pipework

All pipes and fittings to be SABS approved

Carried Forward

R

Section No 2
Bill No 16
Plumbing and drainage

Brought Forward

R

Reducing fittings

Where fittings have reducing ends or branches they are described as "reducing" and only the largest end or branch size is given. Should the contractor wish to use other fittings and bushes or reducers he may do so on the understanding that no claim in this regard will be entertained

Fixing of pipes

Unless specifically otherwise stated, descriptions of pipes shall be deemed to include fixing to walls, etc, casting in, building in or suspending not exceeding 1m below suspension level

Paper wrapping to pipes

Pipes chased into brickwork must be wrapped with two layers of stout brown paper tied with wire. Rates are to include for wrapping around joints and fittings

Disinfection of water pipework

Water pipework is to be disinfected at completion

Excavations

No claim for rock excavation will be entertained unless the contractor has timeously notified the **principal agent** thereof prior to backfilling

"Hard rock" shall be granite or very hard material, the removal of which necessitates the use of explosives

Laying, backfilling, bedding, etc of pipes

Pipes shall be laid and bedded in accordance with manufacturers' instructions and trenches shall be carefully backfilled

Where no manufacturers' instructions exist, pipes shall be laid in accordance with the relevant section of SANS 2001

Steel sectional water tanks

Tanks shall comply with SANS CKS 114

Carried Forward

R

Section No 2
Bill No 16
Plumbing and drainage

Brought Forward			R
General			
Descriptions of cast iron roof outlets shall be deemed to include joints to pipes and casting into concrete			
Descriptions of pipes laid in and including trenches and of inspection chambers, catchpits, etc shall be deemed to include excavation, bedding, backfilling, compaction to a minimum of 95% Modified AASHTO density and disposal of surplus material on site			
Descriptions of copper service pipes and flexible connecting pipes shall be deemed to include connections to taps, cisterns, etc and to steel pipes			
Descriptions of wc pans, slop hoppers, etc shall be deemed to include for joints to soil pipes (pan connectors separately measured)			
As-built drawings			
Where required, the subcontractor shall at all times keep an updated set of "as-built" drawings. At completion of the contract the subcontractor shall hand these drawings to the principal agent for reproducing onto the originals for handing over to the employer (provision for allowance of as-built drawings elsewhere)			
1	Preliminaries and general	Item	48,170.39
SUBSOIL DRAINAGE			
2	Excavation in earth not exceeding 1m deep for pipe trenches	m3 500	
3	Impermeable backfilling to pipe trenches	m3 500	
4	Selected crushed stone filling in bedding under and filling around pipes	m3 250	
5	19mm Crushed stone bedding under pipes	m3 350	
6	Fine grade riversnd bedding under pipes	m3 180	
7	"Bidum U24" or similar approved geofabric filter blanket wrapped around 200 x 200mm concrete encasing with 15mm side and 15mm end laps, including stitching	m2 180	
Carried Forward			R
Section No 2			
Bill No 16			
Plumbing and drainage			

Brought Forward		
Slotted PVC-U flexible drainage pipes		
8	110mm Pipes	m 120
Extra over slotted PVC-U flexible drainage pipes for fittings		
9	110mm Bend	No 30
10	110mm Junction	No 17
Sumps, catchpits, inspection chambers, etc including concrete kerbs or precast concrete cover slabs (gratings and covers elsewhere)		
11	1,200 x 900mm Junction box 900mm deep internally	No 4
The following in outlet structure		
12	20MPa/19mm concrete base	m3 5
13	Rough formwork to sides of base structure	m2 3
14	10mm Diameter mild steel reinforcement bars (provisional)	t 1
RAINWATER		
0.8mm Thick "Colorbond" or similar approved square profile steel seamless gutters, (colour: charcoal)		
15	140 x 150mm Roof gutter	m 237
Extra over "Colorbond" or similar approved square profile seamless gutters, (colour: charcoal) for fittings		
16	Extra over gutter for stopped end	No 4
17	Extra over gutter for angle	No 4
uPVC SV pipes		
18	110mm Pipes	m 114
Carried Forward		
Section No 2 Bill No 16 Plumbing and drainage		

R	
R	

Brought Forward			
Extra over uPVC SV pipes for fittings			
19	110mm Bend	No	66
20	110mm Shoe	No	22
STORMWATER DRAINAGE			
21	Excavation in earth not exceeding 1m deep for pipe trenches	m3	80
22	Backfilling to pipe trenches	m3	60
Class 100D concrete pipes with interlocking joints			
23	450mm Pipes laid in trenches (trenches elsewhere)	m	120
Sumps, catchpits, inspection chambers, etc including concrete kerbs or precast concrete cover slabs (gratings and covers elsewhere)			
24	1,000 x 1,000mm Brick catchpit 900mm deep internally	No	2
Cast iron gratings, covers, etc			
25	450 x 450mm Stormwater grating and frame	No	2
Concrete stormwater channels			
26	500 x 450mm V-Drain channel with mesh formed therein and finished smooth on exposed surfaces including necessary excavation and formwork	m	80
27	Extra over rainwater channel for closed end	No	2
SOIL DRAINAGE			
uPVC Class 51 pipes			
28	160mm Pipes laid in and including trenches not exceeding 1m deep	m	125
29	Selected granular filling in bedding under and filling around pipes	m3	37
Carried Forward			
Section No 2 Bill No 16 Plumbing and drainage			

R	
R	

Brought Forward			R
uPVC Class 34 pipes			
30	110mm Pipes laid in and including trenches not exceeding 1m deep	m	90
Extra over uPVC Class 51 pipes for fittings			
31	160mm Bend	No	21
32	160mm Junction	No	18
33	160mm Access junction	No	11
34	Cut into existing 160mm diameter pipe and insert new 160mm access junction	No	4
35	160mm End cap	No	6
36	160mm Inspection eye	No	9
37	160mm Rodding eye	No	10
Extra over uPVC Class 34 pipes for fittings			
38	110mm Junction	No	14
39	110mm Bend	No	30
40	110mm Double junction	No	1
41	110mm Gulley trap concrete gulley top	No	3
42	110mm ABC	No	2
Gulleys			
43	110mm Gulley not exceeding 500mm deep	No	2
44	110mm Gulley not exceeding 750mm deep	No	4
Precast concrete circular inspection chambers including precast concrete cover slabs (covers elsewhere)			
45	750mm Diameter inspection chamber not exceeding 1,5m deep internally	No	2
Carried Forward			R
Section No 2 Bill No 16 Plumbing and drainage			

Brought Forward			R
46	750mm Diameter inspection chamber exceeding 1,5m and not exceeding 2m deep internally	No 2	
Cast iron covers, etc			
47	Circular Type 4 manhole cover and frame	No 4	
48	Lifting key for manhole cover	No 4	
Connections, etc			
49	Allow for connection from 160mm uPVC pipe to Municipal main sewer line and testing	No 1	
50	PC amount of sewer connection to existing point in a form of manhole	Item	
Sundries			
51	Allow re-routing of existing sewer pipes during constriction and reconnection	m 70	
Testing			
52	Testing drainage pipe system	Item	
SANITARY FITTINGS, ETC			
"Kwikot" or other equal and approved stainless steel			
53	Stainless steel drop in sink	No 1	
"Franke" or other equal and approved stainless steel			
54	Stainless steel "HF2400HD" hand dryers (Code 359961) with two vandal proof lock screws and key wrench, plugged and screwed to wall with stainless steel screws	No 11	
Carried Forward			R
Section No 2 Bill No 16 Plumbing and drainage			

Brought Forward		
White vitreous china or ceramic fireclay as supplied by "Vaal Sanitaryware" or other equal and approved, sealed as recommended to walls with clear silicon sealant		
55	"Hibiscus" close coupled elite toilet suite (code : 711600) complete with single front flush complete with white wooded toilet seat with nylon hinges	No 9
56	"Pearl" Paraplegic toilet pan with matching 9 litre cistern (Code 73000SCWH) complete including lid, fitments, purpose made CP side-flush lever and BEMIS 7500 economy double flap thermoset seat	No 1
57	"Hibiscus" lavatory basin (Code 702303) colour : white	No 10
58	"Classic" lavatory white floor mounted pedestal	No 10
59	"Lavatera" wall hung urinal with top inlet (Code 705426) supplied with 38mm CP domical grating (Code 8787), CP top inlet spreader and two hanger brackets	No 4
Grab rails		
60	DL2 Stainless steel cistern grab rail plugged and fixed to wall with stainless steel coach screws	No 1
61	DR2 Stainless steel cranked grab rail plugged and fixed to wall with stainless steel coach screws	No 1
"Kimberley Clark Professional" or other equal and approved		
62	White electronic foam soap and sanitiser dispenser (Code U9214700) (installation by Kimberley Clarke installation team)	No 11
63	Stainless steel toilet tissue dispenser (Code SA426130) (installation by Kimberley Clarke installation team)	No 10
64	Stainless steel sanitary disposal bin	No 12
WASTE UNIONS, ETC		
65	32mm Slotted waste union	No 10
66	40mm Unslotted waste union with plug and chain for sink	No 1

Carried Forward

Section No 2
 Bill No 16
 Plumbing and drainage

R

Brought Forward			R
TRAPS, ETC			
Butyl Rubber			
67	32 x 40mm Plain "P" trap	No 10	
68	40mm Rubber flexi "P" trap	No 1	
TAPS, VALVES, ETC			
Manufactured by "Franke" or other equal and approved			
69	Highrise sink mixer	No 1	
Manufactured by "Cobra" or other equal and approved			
70	Bordo CP basin pillar mixer	No 10	
71	15mm 505-21B CP elbow action basin pillar tap	No 2	
72	"Flushmaster" exposed flush valve (Code: FJ6.000) or equivalent with FJT 5.5 flush pipe	No 1	
73	15mm 832/350F Angle regulating valve	No 32	
74	15mm Braided 350mm flexi connector	No 10	
75	32mm Brass gate valve	No 1	
76	20mm Brass gate valve	No 21	
SANITARY PLUMBING			
uPVC pipes			
77	50mm Diameter pipe	m 142	
78	110mm Diameter pipe	m 112	
Extra over uPVC pipes for fittings			
79	50mm Plain bend	No 45	
80	50mm Access bend	No 10	
Carried Forward			R
Section No 2 Bill No 16 Plumbing and drainage			

Brought Forward		
81	50mm Plain junction	No 10
82	110mm Access bend	No 6
83	110mm Access junction	No 4
84	110 x 50mm Access reducing junction	No 2
85	110mm Reducer	No 2
86	110mm Vent valve	No 6
87	110mm Pan connector	No 10
TESTING		
88	Testing waste pipe system	Item
MAIN WATER SUPPLIES		
Class 12 HDPE pipes		
89	75mm Pipes laid in and including trenches not exceeding 1m deep	m 120
Extra over class 12 HDPE pipes for fittings		
90	75mm Bend	No 32
91	75mm Tee	No 17
92	75mm Threaded adaptor	No 11
93	75 x 28mm Reducer	No 5
Class 16 uPVC pipes		
94	110mm Diameter pipe laid in and including trenches not exceeding 1m deep	m 102
Extra over class 16 uPVC pipes for fittings		
95	110mm Tees	No 5
96	110mm Bend	No 10
97	110mm Hydrant tee	No 2
Carried Forward		
Section No 2 Bill No 16 Plumbing and drainage		

R

R

Brought Forward				R
98	110mm Flange adaptors	No	14	
99	110mm Saddles	No	7	
100	110mm Repair couplings	No	2	
Galvanised mild steel pipe				
101	110mm Diameter pipe	m	8	
Extra over galvanised mild steel pipe for fittings				
102	110mm Elbow	No	8	
103	110mm Male and female elbow	No	2	
104	110mm Nipples	No	4	
105	110mm Sockets	No	4	
106	110mm Flange	No	2	
107	110mm Bushes	No	16	
The following in anchor/thrust blocks and pedestals				
108	25MPa/19mm concrete base	m3	6	
109	Rough formwork to sides of base structure	m2	1	
110	10mm Diameter mild steel reinforcement bars (provisional)	t	0.3	
Valve chambers and manholes				
111	Hydrant including concrete encasement	No	1	
Valves				
112	<u>75mm Isolating valves</u>	No	3	
113	110mm Shut off valve	No	1	
114	110mm Storz valve	No	1	
115	110mm No return valve	No	1	
Carried Forward				R
Section No 2 Bill No 16 Plumbing and drainage				

Brought Forward				R
116	Double booster connection	No	1	
	Connections, etc			
117	Allow for municipal connection, testing and installation of water meter	No	1	
	Sundries			
118	Allow re-routing of existing sewer pipes during constriction and reconnection	m	100	
	Testing			
119	Test and disinfect potable water pipelines		Item	
	WATER SUPPLIES			
	Class 0 copper pipes with capillary couplings			
120	15mm Pipes	m	100	
121	22mm Pipes	m	90	
122	28mm Pipes	m	26	
123	35mm Pipes	m	22	
	Extra over Class 0 copper pipes with capillary couplings for fittings			
124	15mm Fittings	No	50	
125	22mm Fittings	No	100	
126	28mm Fittings	No	10	
127	35mm Reducing tee	No	4	
128	35mm Elbows	No	5	
129	35mm Reducer	No	1	
130	35mm Male iron adapter	No	3	
	Carried Forward			R
	Section No 2			
	Bill No 16			
	Plumbing and drainage			

Brought Forward			R
Testing			
131	Testing water pipe system	Item	
ELECTRIC WATER HEATERS			
Manufactured by "Franke"			
132	7.5 Litre zip hydroboil white (code : 380004)	No 1	
"Kwikot"			
133	100 Litre floor/wall horizontally mounted storage hot water geyser	No 2	
134	GT-SKR010B-07 3.5kw heat pump complete with circulation pump, inline strainer and 2 of 20mm ball lerver valve (Steel case) for 100/150L geyser	No 2	
DRIP TRAYS, TANKS, ETC			
"JoJo Tanks" water tanks, etc			
135	40,000 Litre tank with flat top, including a 600mm diameter access cover, 42mm inlet and outlet connection, ball valve and level sensor indicator to pump panel, base capping plates, etc fixed base on ground level	No 1	
FIRE APPLIANCES, ETC			
Standard c/w hose reel wall mounted bracket, hose guide, etc			
136	Ø25, 30m Long Fire Hose Reel complete: Fire hose reel complete with mounting brackets, runner, valve, all to detail	No 3	
Fire extinguishers c/w wooded backing plate and mounting bracket as per drawing			
137	4.5kg DCP STP Fire extinguisher SABS 1910 approved and suitable for Class A, B or C fires, or a combination of these type of fires	No 6	
Carried Forward			R
Section No 2 Bill No 16 Plumbing and drainage			

Brought Forward			R
138	5kg CO2 Carbon steel extinguishers is specifically designed for fires involving flammable liquids and electrical hazards, Class C and Class B fires. SANS 1567 certified carbon dioxide fire extinguishers are cased in steel or aluminium	No	2
Fire hydrants			
139	Ø65 Instantaneous Fire hydrant complete: Fire hydrant complete with mounting brackets, all to detail	No	2
140	Ø100 Stortz Suction Fire Hydrant complete: Fire hydrant complete with mounting brackets, all to detail	No	1
141	Twin booster connection complete: Fire hydrant complete with mounting brackets, all to detail	No	1
Fire main water connection			
142	Allow for connection to main 100mm diameter check valve	No	1
143	100mm Diameter isolation valve (including pressure gauge)	No	1
WATER SUPPLIES TO FIRE APPLIANCES			
144	Excavation in earth not exceeding 1m deep for pipe trenches	m3	241
145	Backfilling to pipe trenches	m3	147
Class 16 HDPE pipes with including all fittings, hangers, supports, brackets, bracing, couplings and droppers to outlets			
146	100mm Pipes laid in and including trenches not exceeding 1m deep	m	89
Class 16 galvanised steel pipes			
147	50mm Pipes	m	13
148	32mm Pipes	m	51
149	25mm Pipes	m	12
Carried Forward			R
Section No 2 Bill No 16 Plumbing and drainage			

Brought Forward			
Extra over galvanised steel pipes for steel fittings			
150	50mm Fittings	No	52
151	32mm Fittings	No	65
152	25mm Fittings	No	35
TESTING			
153	Testing fire water supply pipe system		Item
PIPE PROTECTION			
"Densyl Tape"			
154	Wrapping around 40mm pipe including couplings	m	520
155	Extra for wrapping around fittings	No	22
156	Extra for wrapping around 40mm bend	No	24
157	Extra for wrapping around 40mm tee	No	15
PIPE INSULATION			
"Thermaflex Type QE40" or other equal and approved cross-linked polyethylene foam insulation, with SABS certified self-extinguishing properties and longitudinal zip type fastenings, fixed with joints taped on either side for a minimum of 40mm, using HDPE adhesive tape, to pipe size			
158	15mm Diameter	m	66
159	22mm Diameter	m	48
160	28mm Diameter	m	33
161	35mm Diameter	m	33
162	42mm Diameter	m	98
Carried Forward			
Section No 2 Bill No 16 Plumbing and drainage			

R

R

Brought Forward			
Extra on "Thermafex" or other equal and approved insulation for fittings insulated by means of preformed sections applied in staggered layers to			
163	15mm Fitting	No	49
164	22mm Fitting	No	28
165	28mm Fitting	No	14
166	35mm Elbow	No	2
167	35mm Tee	No	7
168	35mm Reducer	No	13
169	35mm Adapter	No	1
170	42mm Elbow	No	3
171	42mm Tee	No	4
172	42mm Reducer	No	11
SLEEVES			
Plastic sleeves for pipes not exceeding 100mm diameter			
173	Sleeve not exceeding 250mm long	No	15
174	Sleeve exceeding 250mm and not exceeding 500mm long	No	10
Plastic sleeves for pipes exceeding 100mm and not exceeding 200mm diameter			
175	Sleeve not exceeding 250mm long	No	25
176	Sleeve exceeding 250mm and not exceeding 500mm long	No	45
HOLES, ETC			
Carried Forward			
Section No 2 Bill No 16 Plumbing and drainage			

R

R

Brought Forward			R
Core drilling of hole for pipe not exceeding 50mm diameter			
177	250mm Reinforced concrete slab, beam, wall, etc	No 20	
Core drilling of hole for pipe exceeding 50mm and not exceeding 100mm diameter			
178	250mm Reinforced concrete slab, beam, wall, etc	No 30	
SUNDRIES			
As-built drawings			
179	Allow for an updated set of as-built drawings to be handed to the architect at completion of the contract	Item	
Maintenance			
180	Allow for maintenance of workmanship and materials during 12 month guarantee period commencing from date of official practical completion of the project	Item	
PROVISIONAL SUMS			
181	Allow for 123,000L effective capacity water storage sectional steel tank for reserve domestic and fire fighting water purposes 72,000L to be strictly reserved for fire fighting purposes	Item	
182	Fire water booster pump	Item	
183	Portable water pump	Item	
184	Allow for rainwater harvesting system inclusive of tank, pumps and filters		SUM
185	Gas suppression system		SUM
186	Allow for solar hot water generation	Item	
Carried Forward to Summary of Section No. 2			R
Section No 2			
Bill No 16			
Plumbing and drainage			

Item No	Quantity	Rate	Amount
SECTION 2			
BILL NO 17			
GLAZING			
SUPPLEMENTARY PREAMBLES			
For preambles refer to "Model Preambles for Trades"			
<u>Float glass</u>			
The term "float glass" is used for monolithic annealed glass			
<u>Laminated glass</u>			
Laminated glass to have polyvinyl butyral (PVB) interlayer(s)			
MIRRORS, ETC			
4mm Silvered float glass copper backed mirrors with polished bevelled edges holed for and fixed with chromium plated dome capped mirror screws with rubber buffers to plugs in brickwork or concrete			
1	Mirror 3,000 x 750mm high with four screws	No	1
2	Mirror 2,100 x 750mm high with four screws	No	4
3	Mirror 600 x 450mm high with four screws	No	2
Carried Forward to Summary of Section No. 2			R
Section No 2			
Bill No 17			
Glazing			

Item No		Quantity	Rate	Amount
	SECTION 2			
	BILL NO 18			
	PAINTWORK			
	SUPPLEMENTARY PREAMBLES			
	For preambles refer to "Model Preambles for Trades"			
	COLOURS			
	Unless otherwise described all paintwork shall be deemed to have a colour value in excess of 7 on the Munsell system in accordance with SANS 1091			
	PAINTWORK, ETC TO NEW WORK			
	ON INTERNAL FLOATED PLASTER SURFACES			
	One coat alkali resistant primer and two coats PVA matt finish emulsion paint for interior use			
1	On internal walls	m2	1,704	
2	Extra over paintwork for finishing coats in colours which have a value of 7 or less on the Munsell system in accordance with SABS 1091	m2	112	
	ON EXTERNAL FLOATED PLASTER SURFACES			
	One coat alkali resistant primer and two coats superior quality acrylic emulsion paint for interior and exterior use			
3	On walls and columns	m2	1,197	
	ON SMOOTH CONCRETE SURFACES			
	Carried Forward		R	
	Section No 2			
	Bill No 18			
	Paintwork			

Brought Forward			R
One coat bonding liquid, one coat alkali resistant primer and two coats PVA emulsion paint for interior use, including stopping blowholes			
4	On walls	m2	242
5	On ceilings and beams	m2	75
6	Extra over paintwork for finishing coats in colours which have a value of 7 or less on the Munsell system in accordance with SABS 1091	m2	12
ON PLASTERBOARD SURFACES			
One coat alkali resistant primer and two coats PVA emulsion paint for interior use			
7	On partitions	m2	2,618
8	On ceilings and cornices including priming metal cover strips and nailheads	m2	73
ON FIBRE-CEMENT BOARD SURFACES			
One coat alkali resistant primer and two coats superior quality acrylic emulsion paint for interior and exterior use			
9	Window sills	m2	6
ON METAL SURFACES			
One coat alkyd based zinc phosphate primer and two coats premium quality polyurethane enamel paint, on steel			
10	On steel louvres	m2	46
11	On gates, grilles, burglar screens, balustrades, etc (both sides measured over the full flat area)	m2	174
One coat red oxide metal primer, two coats premium quality polyurethane enamel paint, on steel			
12	On door frames	m2	24
13	On doors	m2	3
Carried Forward			R
Section No 2 Bill No 18 Paintwork			

Brought Forward

R

ON WOOD SURFACES

One coat primer and two coats premium quality
polyurethane egg-shell paint

14

On doors

m2

85

Carried Forward to Summary of Section No. 2

Section No 2
Bill No 18
Paintwork

R

SECTION SUMMARY - Section 2 - Building work			
Bill No		Page No	Amount
1	Demolitions	42	
2	Earthworks	50	
3	Lateral support	53	
4	Concrete, formwork and reinforcement	60	
5	Precast concrete	62	
6	Masonry	66	
7	Waterproofing	69	
8	Roof coverings	72	
9	Carpentry and Joinery	76	
10	Ceilings, partitions and access flooring	81	
11	Ironmongery	86	
12	Structural steelwork	92	
13	Metalwork	99	
14	Plastering	102	
15	Tiling	104	
16	Plumbing and drainage	122	
17	Glazing	123	
18	Paintwork	126	
Carried to Final Summary			
Section No 2			R

[illegible]

Item No		Quantity	Rate	Amount
	SECTION 4			
	BILL NO 1			
	PROVISIONAL AMOUNTS FOR SELECTED SUBCONTRACT WORK			
	For preambles refer to "Model Preambles for Trades"			
	SUPPLEMENTARY PREAMBLES			
	<u>Provisional amounts</u>			
	All provisional amounts are net and include for delivery to site of all articles concerned			
	<u>Profit</u>			
	Where stated, the contractor may allow for profit if required			
	<u>General attendance on selected subcontractors</u>			
	The item "Attendance" which follows each provisional sum for selected subcontractors' work; shall be deemed to cover all the contractor's costs incurred in providing free of charge to the selected subcontractors, the following:			
	1. The services as set out in clause B9 of the Preliminaries			
	2. Hoisting of the selected subcontractor's material in batches that can be handled by the contractor's hoist or crane during normal working hours			
	3. Making good in all trades and cleaning down and removal of rubbish on completion			
	<u>Preliminaries</u>			
	The contractor is referred to the Preliminaries for further amplification of "Prime Cost Amounts and Provisional Amounts"			
	Carried Forward		R	
	Section No 4			
	Bill No 1			
	Provisional amounts			

Brought Forward		R
Joinery fittings		
1	Provide the sum of R53,829.67 for acoustic doors	Item 53,829.67
2	Add for profit	%
3	Add for attendance	%
Joinery fittings		
4	Provide the sum of R269,148.33 for joinery fittings	Item 269,148.33
5	Add for profit	%
6	Add for attendance	%
Walk off mats		
7	Provide the sum of R21,531.87 for walk off mats	Item 21,531.87
8	Add for profit	%
9	Add for attendance	%
Floor coverings		
10	Provide the sum of R43,063.73 for floor coverings	Item 43,063.73
11	Add for profit	%
12	Add for attendance	%
Glass and toilet partitions		
13	Provide the sum of R258,382.39 for glass and toilet partitions	Item 258,382.39
14	Add for profit	%
15	Add for attendance	%
Roads and paving		
16	Provide the sum of R1,964,782.77 for roads and paving	Item 1,964,782.77
17	Add for profit	%
Carried Forward		R
Section No 4		
Bill No 1		
Provisional amounts		

Brought Forward			R
18	Add for attendance		%
	Loffestein retaining walls		
19	Provide the sum of R10,765.93 for loffelstein retaining walls	Item	10,765.93
20	Add for profit		%
21	Add for attendance		%
	Signage		
22	Provide the sum of R199,169.76 for signage	Item	199,169.76
23	Add for profit		%
24	Add for attendance		%
	Sundry steel		
25	Provide the sum of R322,977.99 for sundry steel	Item	322,977.99
26	Add for profit		%
27	Add for attendance		%
	Steel balustrading		
28	Provide the sum of R113,042.30 for sundry steel	Item	113,042.30
29	Add for profit		%
30	Add for attendance		%
	Chief Liaison Officer		
31	Provide the sum of R180,000.00 for a chief liaison officer	Item	180,000.00
Carried Forward to Summary of Section No. 4			R
Section No 4			
Bill No 1			
Provisional amounts			

Item No		Quantity	Rate	Amount
	SECTION 4			
	BILL NO 2			
	BUDGETARY ALLOWANCES FOR WORK TO BE PERFORMED BY THE MAIN CONTRACTOR AND/OR SELECTED SUBCONTRACTORS			
	Additional Works			
1	Allow the sum of R1,000,000.00 for works related to design development to be executed by the contractor or selected subcontractor at the prices/rates in the bills of quantities and/or the prices applicable to selected subcontracts, which budgetary amount may be deducted in whole or in part if not required	Item		1,000,000.00
	Minor builders' work			
2	Provide the sum of R32,297.80 for concrete steps, ramps, etc	Item		32,297.80
3	Provide the sum of R156,106.03 for building work to electrical, mechanical	Item		156,106.03
4	Provide the sum of R123,808.23 for connection fees	Item		123,808.23
	DIRECT CONTRACTORS			
	Direct contractors			
5	Tenderers must take note that the following work will be performed by direct contractors as defined in clause 22 of the principal building agreement and will not form part of this contract. Tenderers however must make provision for these installations in their program and must provide all the necessary assistance including access, etc to the direct contracts:			
	a) Fixed furniture, fittings and equipment	Item		
	Carried Forward to Summary of Section No. 4		R	
	Section No 4			
	Bill No 2			
	Budgetary allowances			

SECTION SUMMARY - Section 4 - Prime cost and provisional amounts

Bill No		Page No	Amount
1	Provisional amounts	131	
2	Budgetary allowances	132	
Carried to Final Summary			
Section No 4			R

Item No	Quantity	Rate	Amount
SECTION 4			
BILL NO 1			
ELECTRICAL WORK			
For preambles refer to "Model Preambles for Trades"			
SUPPLEMENTARY PREAMBLES			
<u>Specifications, drawings, etc</u>			
The Bill of Quantities must be read in conjunction with the specification document and the electrical drawings			
<u>Contract price adjustment provisions</u>			
With reference to clause ? of the Preliminaries all items in this bill will be subject to fluctuations in the cost of labour and material on the following basis:			
(a) Ring main units, miniature substations, transformers, main low tension boards, distribution boards and busbars between transformer and low tension boards calculated on the indices published by the Steel and Engineering Industries Federation of South Africa			
(b) Cables in excess of 16mm ² calculated on the basis of proven cost			
(c) All other work calculated on the index for work group ?			
<u>Distribution boards, etc</u>			
Rates for distribution boards etc are to include for busbars, jumpers, neutral bars, internal wiring and connections, circuit identification markers, control gear labels, circuit legend cards and working drawings			
<u>Switches, socket outlets, etc</u>			
Rates for switches, socket outlets, etc are to include for screwing to outlet boxes, connecting up and cover plates			
Carried Forward		R	
Section No 5 Bill No 1 Electrical work			

Brought Forward			R
<u>Light fittings</u>			
Rates for light fittings are to include for hanging, fixing and connecting and for lamp holders and fluorescent tubes and lamps of the type and wattage described			
CONTRACT ADMIN AND GENERAL			
1	Site establishment		SUM
2	Site supervision by accredited person including travel and subsistence, etc		SUM
3	Quality assurance		SUM
4	Storage of material, containers and security		SUM
5	Certificate of compliance for all installations		SUM
6	As built drawings for the complete installation		SUM
LIGHTING INSTALLATION			
LUMINAIRES			
Supply and installation of light fittings complete with lamps and fixing accessories			
7	Type A luminaire - Similar or Beka Series 21 Bulkhead LED 20W, IP65 luminaire, SANS approved	No 24	
8	Type A1 luminaire - Similar or Beka Series 31 Bulkhead LED 20 W, IP65 luminaire, SANS approved	No 39	
9	Type B luminaire - Similar or Beka Zela LED-post top 55W, IP65, complete with post, SANS approved	No 5	
10	Type C luminaire - Similar or Dari LED recessed panel 70W, 600 X 1200 ceiling luminaire, SANS approved	No 78	
11	Type C luminaire - Similar or Dari LED recessed panel 70W, 600 x 1200 ceiling luminaire with 1 hour battery back up, SANS approved	No 15	
12	Type C1 luminaire - Similar or Dari LED recessed panel 70W DIM, DIM 600 X 1200 ceiling luminaire, SANS approved	No 22	
Carried Forward			R
Section No 5 Bill No 1 Electrical work			

Brought Forward		
13	Type C2 luminaire - Similar or Dari LED recessed panel 35W 600 x 600 ceiling luminaire, SANS approved	No 58
14	Type D1 luminaire - Similar or Rondo LED ECO 19W WN, SANS approved	No 11
15	Type D2 luminaire - Similar or Rondo LED HE 17W WN, SANS approved	No 8
16	Type E1 luminaire - Similar or Vapourline LED 65W NW, IP 65 luminaire, SANS approved	No 22
17	Type E2 luminaire - Similar or Vapourline LED 40W NW, IP 65 luminaire, SANS approved	No 12
18	Type F luminaire - Similar or LEDdisk-maxi 32/76N2300WS 75W luminaire, SANS approved	No 4
LIGHT SWITCHES		
Supply and installation of light switches		
19	Adjustable ceiling microwave presence/absence detector MWS3A PRM	No 12
20	Surface mounted PIR presence/absence detector EBDSM PRM	No 2
21	Mid range microwave presence/absence detector MWS6 PRM	No 9
22	High bay PIR presence detector (40m sensing range) on 15m high EBDHS PRM	No 1
23	PIR presence/absence detector with direct Dim and timedelay DSI/DALI EBDSPiR DD	No 11
24	Ceiling mounted PIR presence/absence & infrared override EBDSPiR PRM	No 30
25	Wireless (RF) ceiling PIR presence/absence detector with DSI/Dali Dimmeable EBDSPiR AT DD	No 30
26	Scene selection switch AR EK W	No 3
27	Photocell in IP 65 enclosure	No 2

R

Carried Forward

R

Section No 5
Bill No 1
Electrical work

Brought Forward		
28	Setting, testing and commissioning of the sensors	Hrs 24.00
WIRING AND WIREWAYS		
Supply and installation of wiring and wireways		
29	20mm Ø PVC conduit installed in ceiling void or built into new masonry complete with all fixing accessories, couplings, bushes, locknuts, end boxes (50 x 100mm or 100 x 100mm as the case may be), terminations and adapters	m 2,000
30	20mm Ø galvanised steel conduit installed in ceiling void or built into new masonry complete with all fixing accessories, couplings, bushes, locknuts, end boxes (50 x 100mm or 100 x 100mm as the case may be), terminations and adapters	m 200
31	2,5 mm ² PVC insulated stranded copper conductors	m 8,000
32	2,5 mm ² stranded bare copper earth conductors	m 2,600
33	2,5mm Ø galvanized draw wire	m 600
OUTLETS		
Supply and installation of outlets		
34	6A, 3-pin unswitched socket outlets complete with 63mm Ø round draw box	No 223
POWER INSTALLATION		
POWER SKIRTING		
Supply and installation of power skirtings		
35	2 Compartment powerskirting complete with cover and splices	m 186
36	External and internal elbow for a 2 compartment powerskirting	No 12
37	End cap for a 2 compartment powerskirting	No 16
38	2 Compartment powerskirting tee complete with cover	m 4
Carried Forward		
Section No 5 Bill No 1 Electrical work		

R

R

Brought Forward			R
SOCKET OUTLETS			
Supply and installation of socket outlets			
39	Powerskirting mounted 16A unswitched combination socket outlet (three pin & two Pin with USB) complete with cover plate	No 49	
40	Powerskirting mounted 16A dedicated switched socket outlet complete with cover plate	No 51	
41	16A normal flush-mounted single switched socket outlet	No 23	
ISOLATORS			
Supply and installation of isolators			
42	20A flush-mounted double pole isolator for hand dryer unit complete with outlet box and coverplate	No 12	
43	80A surface-mounted tripple pole outdoor isolator for outdoor A/C units	No 1	
44	63A surface-mounted tripple pole outdoor isolator for outdoor A/C units	No 2	
45	32A surface-mounted double pole isolator for geyser isolator complete with cover plate	No 2	
46	20A tripple pole isolator complete for rain water pump complete with cover plate	No 2	
47	32A tripple pole isolator complete for fire booster pump complete with cover plate	No 2	
WIRING AND WIREWAYS			
Supply and install of PVC conduit installed in ceiling void or chased into existing masonry complete with all fixing accessories, couplings, bushes, locknuts, end boxes (50 x 100mm or 100 x 100mm as the case may be), terminations and male adapters			
48	20 mm Ø	m 600	
49	25 mm Ø	m 400	
Carried Forward			R
Section No 5 Bill No 1 Electrical work			

Brought Forward				R
50	50 mm Ø	m	120	
	Supply and install of galvanised steel conduit installed in ceiling void or chased into existing masonry complete with all fixing accessories, couplings, bushes, locknuts, end boxes (50 x 100mm or 100 x 100mm as the case may be), terminations and male adapters			
51	20 mm Ø	m	120	
52	25 mm Ø	m	200	
53	50 mm Ø	m	40	
	Supply and install PVC insulated stranded copper conductors			
54	4 mm²	m	4,000	
55	6 mm²	m	5,000	
56	10 mm²	m	800	
	Supply and install stranded bare copper earth conductors			
57	2,5 mm²	m	1,500	
58	4 mm²	m	1,000	
	Supply and install stranded insulated copper earth conductors			
59	2,5 mm²	m	2,000	
60	4 mm²	m		Rate only
	Supply and install			
61	2,5mm Ø galvanized draw wire	No	1,000	
	STANDBY GENERATOR			
	Carried Forward			R
	Section No 5 Bill No 1 Electrical work			

Brought Forward			R
Generator			
62	Supply, delivery and installation of a 40kVA external sound proof backup generator complete with 160A Automatic Transfare Switch, controller and batteries including first fill of diesel. Also included is a plinth and required trenching	No	1
Testing			
63	Carry out all tests according to the specification of the standby generator		SUM
Manuals			
64	Supply maintenance, operation and technical manuals as per generator specification		SUM
Commissioning			
65	Commission the entire installation		SUM
Maintenance			
66	Carry out 24 months maintenance as per the specification including service as per manufacturer's requirements		SUM
INTERRUPTIBLE POWER SUPPLY			
UPS			
67	Supply and installation 10kVA (45A) 3ph+N+PE 20min back -up on-line UPS as per drawings complete with accessories	No	1
UPS Testing and commissioning			
68	Commissioning and testing of complete UPS installation		SUM
UPS Warranty			
69	Allow for a period of 24 months against defects in equipment, material and workmanship but excluding abuse, normal maintenance and wear and tear		SUM
Carried Forward			R
Section No 5 Bill No 1 Electrical work			

Brought Forward			R
Manuals			
70	Three copies of operations and maintenance manuals		SUM
MAIN ELECTRICAL RETICULATION			
DISTRIBUTION BOARDS			
Design and manufacture new factory wired distribution board complete as per schematic diagrams			
71	MDB	No	1
72	SDB-1	No	1
Delivery, offloading, installation and commissioning of new factory wired distribution boards			
73	MDB	No	1
74	SDB-1	No	1
75	Supply, install, design and manufacture new distribution kiosk (DK-1) as per schematic diagram	No	1
MV INSTALLATION			
76	Supply and install a 315kVA 11kV Miniature Substation including plinth and required trenching	No	1
77	Supply and install a 3-Way Ring Main Unit (RMU) including plinth and required trenching	No	1
78	95 Sq mm XLPE 6,35/11kV Copper cable	m	20
79	Supply and install 95 Sq mm XLPE 6,35/11kV Indoor Copper Cable Termination complete with accessories	No	3
80	Supply and install 95 Sq mm Paper to XLPE 6,35/11kV Copper Cable Joint complete with accessories	No	2
81	Supply and install concrete cable-route marker placed on top of compacted cable trench	No	11
Carried Forward			R
Section No 5 Bill No 1 Electrical work			

Brought Forward			R
82	Supply and install cable-warning tape laid in cable trenches at a minimum depth of 300mm above the buried electrical cables	m	400
83	Pressure testing and commissioning of MV System		SUM
TELEPHONE AND DATA			
DATA, WIFI, VOICE			
Supply and installation of the following			
84	Network Power Over Ethernet (Poe) Switches 48 Port	No	1
85	Gigabit Interface Converter (Gbic) Fibre Module Core Uplink	No	2
86	WiFi Access Points (WiFi AP's)	No	4
87	Telephone Handsets	No	35
88	Data point	No	39
89	43u NetCab New	No	1
90	RJ45 outlet in a 100 x 50 x 50mm galvanised wall box, flush mounted in wall, completed with cover plate	No	6
91	RJ11 outlet in a 100 x 50 x 50mm galvanised wall box, flush mounted in wall, completed with cover plate	No	3
CABLING			
92	Supply and installation CAT 5 cable in wireways including accessories and termination	m	600
93	Testing and commissioning of the installed system		SUM
EARTHING & LIGHTING PROTECTION SYSTEM			
Carried Forward			R
Section No 5 Bill No 1 Electrical work			

Brought Forward				R
EARTHING AND BONDING				
94	Earthing and bonding of the complete installation including metal water and sanitary pipes, basins, gutters, steel sheeting, metal cable supports, fixed medical equipment, etc as specified in the detail specification			SUM
95	Equipotential bonding busbar in 300mm wide x 300mm high recessed enclosure including terminations of copper earth conductors			SUM
LOW VOLTAGE CABLE				
TRENCHES AND BACKFILLING				
650 deep x 450 wide cable trench including backfilling and compaction. (Bedding under and fill around cable and sleeves comprising of sifted sand)				
96	Pickable soil	m	350	
97	Soft rock and concrete	m	200	
98	Hard rock	m	80	
99	Core drilling under road	m	1	
LV CABLING				
Supply and install PVC/SWA/PVC LV Cu cable				
100	50 mm ² 4-core	m	150	
101	35 mm ² 4-core	m	75	
102	25 mm ² 4-core	m		Rate only
103	16 mm ² 4-core	m		Rate only
104	10 mm ² 4-core	m	40	
105	4 mm ² 4-core	m		Rate only
Terminate PVC/SWA/PVC LV Cu cable				
106	50 mm ² 4-core	No	4	
Carried Forward				R
Section No 5 Bill No 1 Electrical work				

Brought Forward				R
107	35 mm ² 4-core	No	4	
108	25 mm ² 4-core	No		Rate only
109	16 mm ² 4-core	No		Rate only
110	10 mm ² 4-core	No	2	
111	4 mm ² 4-core	No		Rate only
Supply, deliver and install copper earth conductor				
112	25 mm ² BCEW	m	75	
113	16 mm ² BCEW	m	40	
114	10 mm ² BCEW	m	40	
Terminate stranded bare copper earth conductor				
115	25 mm ² BCEW	No	4	
116	16 mm ² BCEW	No	12	
117	10 mm ² BCEW	No	8	
CABLE ACCESSORIES				
Supply, deliver and install heavy duty or flexible (kabelflex) PVC cable sleeves complete with accessories (bend, coupline and adoptors)				
118	110mm Ø uPVC	m	36	
119	75mm Ø uPVC	m	36	
120	50mm Ø uPVC	m	70	
Supply and install				
121	Cable route marker	No	40	
122	2,5mm Ø galvanized draw wire	No	400	
CABLE MARKERS				
Carried Forward				R
Section No 5 Bill No 1 Electrical work				

Brought Forward			R
Supply and install			
123	Concrete cable-route marker placed on top of compacted cable trench	No 12	
MANHOLES			
Supply and install			
124	600 x 600 x 800mm Deep manhole including excavation, building, backfilling and heavy duty cast iron cover	No 3	
CONNECTION FEES			
125	Telkom / SITA application for fibre connection terminating in patch panel		SUM
126	Profit and attendance		%
127	Electrical Application (Msukaligwa Municipality) (kVA)	No 180	
128	Profit and attendance		%
Carried to Final Summary			R
Section No 5			
Bill No 1			
Electrical work			

Item No		Quantity	Rate	Amount
	SECTION 6			
	BILL NO 1			
	MECHANICAL WORK			
	For preambles refer to "Model Preambles for Trades"			
	SUPPLEMENTARY PREAMBLES			
	<u>Specifications, drawings, etc</u>			
	Tenderers are referred to the specification and drawings numbered ? to ? prepared by ?, annexed to these bills of quantities (accompanying these bills of quantities?) for the mechanical work, for the full descriptions of the following items which are to be read and priced in conjunction with the said specification and drawings			
	<u>Ductwork</u>			
	Descriptions of ducts shall be deemed to include stiffeners, jointing materials, sealants, couplers in the running length and access/inspection panels in accordance with the specification			
	<u>Dampers</u>			
	Descriptions of smoke and fire dampers shall be deemed to include fusible links, sleeves, frames, supports and access openings in ducts			
	<u>Air diffusion</u>			
	Descriptions of air terminals, grilles, louvres and the like shall be deemed to include necks, frames, supports and flexible connections			
	<u>Fans</u>			
	Descriptions of fan assemblies shall be deemed to include supports from the structure, flexible or other connections to ductwork, vibration isolation mountings and airtight inspection doors			
	Carried Forward		R	
	Section No 6 Bill No 1 Mechanical work			

Brought Forward

R

Sound attenuators

Descriptions of sound attenuators shall be deemed to include flanged or flexible connections to ducts and supports from the structure

Fan coil units, fan air terminals and fan heaters

Descriptions of fan coil units, fan air terminals and fan heaters shall be deemed to include connection points for water, air and electrical supply, for air grilles, dust trays, condensate trays and vibration isolation mountings. Flexible ducts, flexible hose and connecting cables for connecting these units to each other or to water pipe, and electrical supply are separately measured

Major equipment

Descriptions of major equipment such as chillers, air handling units and the like shall be deemed to include connections to water, air and electrical supply and/or discharge points, supports, bearers, vibration insulation mountings, filters, insulation, inspection ladders and gangways, access doors and panels and painting etc as specified

Piping

Pipe diameters are nominal internal unless otherwise stated

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

Fixing of pipes

Unless otherwise stated, descriptions of pipes shall be deemed to include fixing to walls etc, casting in, building in or suspending not exceeding 1m below suspension level

Carried Forward

R

Section No 6
Bill No 1
Mechanical work

Brought Forward

R

Pump sets

Descriptions of pumps shall be deemed to include connections to water and electrical supply and/or discharge points, vibration insulation mountings, insulation, drip trays with outlets, pressure gauges, etc

Valves

Descriptions of valves shall be deemed to include flanged or screwed connections to pipes, reducers, supports, etc

Insulation

Descriptions of insulation shall be deemed to include priming the pipes with zinc chromate primer before the insulation is applied, painting the insulation when completed and applying vapour barrier where specified

AIR CONDITIONING INSTALLATION

- 1 Preliminaries and general

Item

146,926.89

AIR CONDITIONING SYSTEM

Supply, delivery, installation and testing of a complete multiple refrigerant flow air conditioning system including but not limited to the following:

OUTDOOR CONDENSER

Supply and install outdoor condenser units complete with fittings and fixtures as specified and shown on the drawing

- | | | | |
|---|--------------------------|----|---|
| 2 | Condenser unit : 56[kW] | No | 2 |
| 3 | Condenser unit : 102[kW] | No | 1 |
| 4 | Voltage regulator | No | 3 |

CASSETTE UNITS

Carried Forward

R

Section No 6
Bill No 1
Mechanical work

Brought Forward			R
Supply and install cassette units complete with fittings and fixtures as specified and shown on the drawing			
5	1 way ceiling cassette : 2,2[kW]	No	3
6	1 way ceiling cassette : 2,8[kW]	No	9
7	2 way ceiling cassette : 5,6[kW]	No	1
8	2 way ceiling cassette : 7,1[kW]	No	1
9	4 way ceiling cassette : 2,2[kW]	No	1
10	4 way ceiling cassette : 2,8[kW]	No	1
11	4 way ceiling cassette : 5,6[kW]	No	1
12	360 flow ceiling cassette : 9[kW]	No	4
13	360 flow ceiling cassette : 11,2[kW]	No	1
HIDEAWAY UNITS			
Supply and install hideaway units complete with fittings and fixtures as specified and shown on the drawing			
14	Hideaway split unit : 28 [kW]	No	4
CONTROL UNITS			
Supply and install control units complete with fittings and fixtures as specified and shown on the drawing			
15	Mode control unit : 6 ports[kW]	No	3
16	Mode control unit : 4 ports[kW]	No	1
17	Various Y-branch joints		Item
18	Wire individual unit controllers	No	26
CASSETTE PANEL AND PANEL ACCESSORIES			
Carried Forward			R
Section No 6			
Bill No 1			
Mechanical work			

Brought Forward		
Supply and install cassette panel and panel accessories complete with fittings and fixtures as specified and shown on the drawing		
19	Cassette panel and panel accessories	No 1
GAS PIPING		
Supply and install soft drawn copper tubing as specified and shown on the drawing		
20	Ø1/4" Copper tubing	m 170
21	Ø3/8" Copper tubing	m 162
22	Ø1/2" Copper tubing	m 179
23	Ø5/8" Copper tubing	m 191
24	Ø3/4" Copper tubing	m 64
25	Ø7/8" Copper tubing	m 56
26	Ø9/8" Copper tubing	m 113
27	Ø11/8" Copper tubing	m 26
DUCTS		
Supply and install ducts complete with fittings and fixtures		
28	Category 1 - (up to 750mm with semi perimeter < 1150mm)	m2 212
29	Category 6 - (Round/Spiral Ducting < Ø1000)	m2 4
30	Ø 150 mm Flexible Ducting	m 74
31	Ø 300 mm Flexible Ducting	m 13
AIR TERMINALS/SUPPLY DIFUSSERS		
Supply and install difussers complete with fittings and fixtures		
32	600 x 600 Supply air diffusers	No 16
Carried Forward		
Section No 6 Bill No 1 Mechanical work		

R

R

Brought Forward			
33	600 x 1200 Return air grille, plenum plus box	No	4
34	230 x 600 Supply air griller	No	8
35	Ø150 Supply air diffuser	No	13
36	Ø150 Extract air diffuser	No	27
DUCT FITTINGS			
Supply and install all necessary fittings			
37	Stop ends	No	11
38	Transformations	No	23
39	Bends	No	5
40	Shoes	No	15
FANS			
Supply and install fans as specified and shown on the drawing			
41	Supply air fan 1	No	1
42	Supply air fan 2	No	1
43	Extract air fan 1	No	2
SOUND ATTENUATORS			
Sound attenuators as per specification			
44	Sound attenuators	No	8
TEST & COMMISSION			
45	Test and commission the entire air conditioning system		Item

SMOKE DETECTION SYSTEM

Carried Forward

Section No 6
Bill No 1
Mechanical work

R

Brought Forward			R
Analogue addressable fire alarm panel complete			
46	4-Loop smoke detection control panel delivered, installed and programmed to client satisfaction complete with emergency backup power and any required power adapters	No	1
Fire rated cabling for all systems according to specifications (min 1mm2 multi-stand cabling)			
47	Loop 1	m	267
48	Loop 2	m	172
49	Loop 3	m	141
Conduit and couplings			
50	Allow for the procurement and installation of 25mm diameter PVC conduit complete with necessary couplings, fasteners, 2-way and 3-way junction boxes, steel saddles every 500mm as well as all other consumables deemed necessary	m	580
Signage			
51	Provide zone diagrams, layouts, operating instructions, associated signage including device address stickers etc	Item	
Back up power supply unit			
52	All for the procurement, delivery, installation, connection and testing of power supply units as required for the 24hr standby and 30 minutes alarm	Item	
Line relays			
53	Allow for procurement and installation of interfaces complete with all the programming and interfacing	No	12
Analogue addressable detectors and bases			
Allow for the procurement, delivery, installation and testing of analogue addressable detectors as follows: Optical smoke detectors in ceiling void:			
54	Optical smoke detectors in ceiling void	No	9
Carried Forward			R
Section No 6 Bill No 1 Mechanical work			

Brought Forward			R
55	Optical smoke detectors below ceiling	No 35	
56	Heat detectors	No 5	
57	Ceiling LED's	No 9	
Analogue addressable loop powered sounder/strobe combinations			
58	Allow for the procurement, installation and testing of sounder/strobe combinations including bases	No 6	
Manual call points			
59	Allow for the procurement, installation and testing of red break glass unit manual call points	No 4	
PROVISIONAL SUMS			
60	Allow for a PA evacuation system		SUM
Carried to Final Summary			R
Section No 6			
Bill No 1			
Mechanical work			

Item No	Quantity	Rate	Amount
SECTION 7			
BILL NO 1			
EXPANDED PUBLIC WORKS PROGRAMME			
PREAMBLES			
Tenderers are advised to study the Additional Specification SL: Employment and Training of Labour on the Expanded Public Works Programme (EPWP) Infrastructure Projects: National Youth Service, as bound elsewhere in the Bills of Quantities, and then price this Bill accordingly			
TRAINING OF YOUTH WORKERS (TARGET: 49 YOUTH WORKERS)			
Orientation, life skills development and technical training			
1	Orientation and life skills development training for youth workers for an average of 10 days per youth worker (ref. SL 11.01.01)	Item	91,999.90
2	Technical skills training for youth workers for an average of 72 days per youth worker (ref. SL 11.01.02)	Item	781,999.14
3	Provide Medical Surveillance	Item	22,998.98
The above items are only applicable if NYDA do not fund the specific training			
4	Payment reduction due to not meeting the training target (ref. SL 11.03)	Item	
5	Profit and attendance on condition that services and cost has been incurred (on items 1 & 2 above)	%	
TRAVELLING DURING ON-SITE TRAINING			
Carried Forward			R
Section No 7 Bill No 1 Expanded Public Works Programme			

Brought Forward			R
Practical Work based Experiential training for 10 days each (ref. SL 11.02.01)			
6	.01 Travelling (based on R30 per day return trip/youth worker)	Item	242,879.73
7	.02 Profit and attendance on condition that services and cost has been incurred (on item .01 above)	%	
EMPLOYMENT OF YOUTH WORKERS			
8	Employment of youth workers The unit of measurement shall be the number of youth workers at the labour rate of R100 per day on Training as per EPWP Ministerial Determination multiplied by the period employed in months and the rate tendered shall include full compensation for all costs associated with the employment of youth workers and for complying with the conditions of contract. The cost for the training shall be excluded from this item. This item is based on 9 months appointment for youth workers	Item	1,152,857.24
9	Profit and attendance on condition that services and cost has been incurred (ref. SL 11.04.02)	%	
PROVISION OF EPWP DESIGNED OVERALLS AND HARD HATS TO YOUTH WORKERS			
10	Supply EPWP branded: 2 x overalls, 2x EPWP branded shirts, 2x safety boots and 1 x EPWP branded hard hat to youth workers (ref. SL 11.05.01)	Item	68,999.92
11	Profit and attendance on condition that services and cost has been incurred (ref. SL	%	
PROVISION OF BASIC TOOLS FOR YOUTH WORKERS			
12	Provide all youth workers with prescribed tools for their respective trades. Specification for the mentioned tools to be provided by the Service Provider. These tools will become the property of the youth workers after the completion of the programme (ref. SL 11.06.01)	Item	82,799.91
13	Profit and attendance on condition that services and cost has been incurred (ref. SL 11.06.02)	%	
Carried Forward			R
Section No 7 Bill No 1 Expanded Public Works Programme			

Brought Forward

R

**APPOINTMENT OF YOUTH TRAINING
COORDINATOR (TEAM LEADERS)**

14 Appointment of Youth Team Leader/s for the duration of
the contract (ref. SL 11.07.01)

Item

99,000.00

15 **LIAISON WITH SERVICE PROVIDER** (ref. SL 11.08)

Hrs

100.00

LOGISTICS FOR EXIT WORKSHOPS

16 Provide logistic items for exit workshop (Catering,
Orange Golf T-Shirts, Venue Hire and Sound System)

Item

9,784.02

Carried to Final Summary

R

Section No 7
Bill No 1
Expanded Public Works Programme

Item No		Quantity	Rate	Amount
	SECTION 8			
	BILL NO 1			
	COVID OCCUPATIONAL HEALTH AND SAFETY			
	OHS Act and Construction Regulations (2014)			
1	Preparation of Contractor's Site Health and Safety Plan (Once off for the duration of contract)		SUM	
2	Review of OHS Plan for each assignment. Rate to include for risk assessment specific to the Covid-19 Epidemic and other adjustments to ensure compliance for the assignment		SUM	
3	Principal Contractor's Fixed Cost obligation in respect of the OHS Act and Construction Regulations Signage - COVID-19 Related		SUM	
	Principal Contractor's time related obligation in respect of the OHS Act and Construction Regulations			
	Provision for Personal Protective Equipment & Protective Clothing:			
4	i) Including but not restricted to reflective vests	No 50		
5	ii) Including but not restricted to reflective bibs	No 50		
6	iii) Including but not restricted to hard hats	No 50		
7	iv) Including but not restricted to protective footwear	No 50		
8	v) Including but not restricted to earplugs	No 5,000		
9	vi) Including but not restricted to dust masks	No 5,000		
10	vii) Face Mask for COVID-19 (respiratory protection as required)	No 1,500		
11	viii) Surgical Gloves (for security and cleaning team)	No 3,960		
	Carried Forward		R	
	Section No 8 Bill No 1 Covid Occupational Health and Safety			

Brought Forward			R
12	ix) Safety goggles for screening person	No 8	
13	Provision for full time construction Health & Safety Officer	No 12	
Costs for medical certificate and Medical Surveillance			
14	i) Initial (baseline) medical examinations screenings for employees with COVID-19 symptoms	No 50	
15	ii) Exit examinations	No 50	
16	Re-induction training for COVID-19		SUM
17	Provision of First Aid Boxes	No 5	
18	Non contact thermometers	No 10	
Fixed-Charge items			
19	Contractual requirements		SUM
20	Facilities for contractors including offices, storage sheds, workshops, laboratories, living accommodation, ablution latrine facilities, tools and equipment, water supplies, electric power, communications, setting out of Works, security and dealing with water, traffic and access. Made COVID-19 Safe		SUM
Other fixed-charge obligations for COVID-19			
21	Hand Sanitiser - 500ml	No 400	
22	Cleaning and detergents for cleaning everyday	No 400	
23	Daily Logbook for above	No 12	
24	Extra cleaning staff	No 8	
Waste management			
25	Waste management for COVID -19 waste bins		SUM
Transport to Construction Site Safety for COVID-19			
26	Maintenance of a register for workers contacts		SUM
Carried Forward			R
Section No 8 Bill No 1 Covid Occupational Health and Safety			

Brought Forward

27	Removal of site establishment on completion
----	---------------------------------------------

R

SUM

Carried to Final Summary

Section No 8
Bill No 1
Covid Occupational Health and Safety

R

Item No		Quantity	Rate	Amount
	SECTION 9			
	BILL NO 1			
	CONTRACT PARTICIPATION GOALS (CPG)			
	<p>Note to tenderers: As CPGs may not provide any bidder a competitive advantage. Provisional amounts and fixed percentages for profit and attendance have been provided. Only the provisional amount will be adjusted once the awarded tender amount and/or the beneficiaries have been appointed, and the final values have been ascertained</p>			
	Minimum 30% subcontracting			
1	Provision is made for 30% subcontracting to SMMEs in the execution of this project as described in PG-01.1 (EC) / PG-01.2 (EC) SCOPE OF WORKS C3.7.1. The 7.5% is the contractors allowance for the P&G's for the 30% sub-contractors (SMME's).The PQS is to define the actual P&G items applicable to the SMME's e.g. scaffolding , PPE etc	Item		1,213,238.93
2	Allowance for profit all inclusive of associated costs to the contractor for implementation		%	
3	Allowance for attendance all inclusive of associated costs to the contractor for implementation		%	
	Minimum targeted Local Building Material Manufacturers			
4	Provision is made for the Minimum Targeted Local Building Material Manufacturers CPG in the execution of this project as described in PG-01.1 (EC) / PG-01.2 (EC) SCOPE OF WORKS C3.7.2. Allowance for monitoring and monthly reporting on material purchased from Local Building Material Manufacturers by main contractor and subcontractors based on determination by PQS taking into account specific project variables	Item		125,000.00
5	Allowance for profit all inclusive of associated costs to the contractor for implementation		%	
	Carried Forward		R	
	Section No 9			
	Bill No 1			
	Contract Participation Goals (CPG)			

Brought Forward			R
6	Allowance for attendance all inclusive of associated costs to the contractor for implementation		%
Minimum targeted Local Building Material Suppliers			
7	Provision is made for the Minimum Targeted Local Building Material Suppliers CPG in the execution of this project as described in PG-01.1 (EC) / PG-01.2 (EC) SCOPE OF WORKS C3.7.3. Allowance for monitoring and monthly reporting on material purchased from Local Building Material Suppliers by main contractor and subcontractors based on determination by PQS taking into account specific project variables	Item	125,000.00
8	Allowance for profit all inclusive of associated costs to the contractor for implementation		%
9	Allowance for attendance all inclusive of associated costs to the contractor for implementation		%
Minimum targeted Local Labour Skills Development			
10	Provision is made for the Minimum Targeted Local Labour Skills Development CPG in the execution of this project as described in PG-01.1 (EC) / PG-01.2 (EC) SCOPE OF WORKS C3.7.4. This allowance is for the cost for a suitably qualified and experienced training service provider appointed by the main contractor including monitoring and monthly reporting	Item	300,000.00
11	Allowance for profit all inclusive of associated costs to the contractor for implementation		%
12	Allowance for attendance all inclusive of associated costs to the contractor for implementation		%
Minimum Targeted Enterprise Development			
13	A provisional amount has been allowed for in the execution of this project as described in PG-01.1 (EC) / PG-01.2 (EC) SCOPE OF WORKS C3.7.5. The provisional amount allowed is for the appointment of training coordinator, mentor, training service providers and training of the beneficiary enterprises including monitoring and monthly reporting	Item	1,520,000.00
14	Allowance for profit all inclusive of associated costs to the contractor for implementation		%
Carried Forward			R
Section No 9 Bill No 1 Contract Participation Goals (CPG)			

Brought Forward		R
15	Allowance for attendance all inclusive of associated costs to the contractor for implementation	%
Minimum Targeted Skills Development Goals		
16	A provisional amount has been allowed for the Minimum Targeted Development CPG in the execution of this project as described in PG-01.1 (EC) / PG-01.2 (EC) SCOPE OF WORKS C3.7.6	
	<ul style="list-style-type: none"> • stipends payable to the beneficiaries • appointment of training coordinator • appointment of mentor (where applicable) • appointment of training service providers • other additional costs as per table 3 of the Standard • monitoring and monthly reporting 	
	Item	234,442.31
17	Allowance for profit all inclusive of associated costs to the contractor for implementation	%
18	Allowance for attendance all inclusive of associated costs to the contractor for implementation	%
National Youth Service Training and Development Programme		
The programme shall be implemented in terms of the Implementation of the National Youth Service Programme under the Expanded Public Works (EPWP) and shall be priced in the CPG section of the Bills of Quantities		
Provision has been made within the Contract Participation Goal section in the Bill of Quantities for the National Youth Service Training and Development Programme CPG in the execution of this project as described in PG-01.1 (EC) / PG-01.2 (EC) SCOPE OF WORKS C3.7.7. The contractor to price all applicable elements of this BOQ section		
19	Refer to separate EPWP-NYS BOQ	Item 0.00
20	Allowance for monthly reporting based on the implementation of the EPWP-NYS as per the specifications and EPWP-NYS BOQ all inclusive of associated costs to the contractor	Item
Carried Forward		R
Section No 9 Bill No 1 Contract Participation Goals (CPG)		

Brought Forward		R
Labour Intensive Participation Goal		
21	Labour intensive participation goal - Allowance for monthly reporting of labour intensive works by main contractor based on determination by PQS taking into account specific project variables. Allowance for monitoring and monthly reporting on Works executed by means of labour Intensive methods by main contractor and subcontractors based on determination by PQS taking into account specific project variables	Item 150,000.00
22	Allowance for profit all inclusive of associated costs to the contractor for implementation	%
Carried to Final Summary		R

Section No 9
Bill No 1
Contract Participation Goals (CPG)

Section No	<u>FINAL SUMMARY</u>	Page No	Amount
1	Section 1 - Preliminaries	40	
2	Section 2 - Building work	127	
3	Section 3 - External work	128	
4	Section 4 - Prime cost and provisional amounts	133	
5	Section 5 - Electrical work	145	
6	Section 6 - Mechanical work	153	
7	Section 7 - Expanded Public Works Programme	156	
8	Section 8 - Covid Occupational Health and Safety	159	
9	Section 9 - Contract Participation Goals (CPG)	163	
	Sub-Total		R
	Value added tax		
	Allow 15% of Sub-Total		R
	Carried to Contract Data CE		R

BUILDING WORK/SPECIFICATION

PART C3

SCOPE OF WORK

C3

SCOPE OF WORK

PG-01.2 (EC) SCOPE OF WORKS – JBCC 2000 PRINCIPAL BUILDING AGREEMENT (Edition 6.2 of May 2018)

Project title:	<i>Department of Labour: Nelspruit Regional Office: Ermelo: Construction of Labour Centre</i>		
Tender / Quotation no:	<i>H25/005/AI</i>	Reference no:	

C3. Scope of Works

C3.1 EXTENT OF THE WORKS

Refer to Bill No.1 – Preliminaries and General

C3.2 ORDER OF THE WORKS

Refer to Bill No.1 – Preliminaries and General

C3.3 BUILDINGS OCCUPIED

Refer to Bill No.1 – Preliminaries and General

C3.4 ACCESS

Refer to Bill No.1 – Preliminaries and General

C3.5 STANDARD MINIMUM REQUIREMENTS

In terms of section 5(2) of the Construction Industry Development Board Act, 2000 (Act no. 38 of 2000) (the Act), the Construction Industry Development Board is empowered to establish and promote best practice standards, Standard Requirements and Guidelines which includes the following but not limited to:

- C3.5.1 cidb Best Practice: Green Building Certification, No. 34158 Government Gazette, 1 April 2011
- C3.5.2 cidb Standard for Developing Skills through Infrastructure Contracts, No. 36760 Government Gazette, 23 August 2013
- C3.5.3 cidb Standard for Indirect Targeting for Enterprise Development through Construction Works Contracts, No 36190 Government Gazette, 25 February 2013
- C3.5.4 cidb Standard for Contract Participation Goals for Targeting Enterprises and Labour through Construction Works Contracts, No. 41237 Government Gazette, 10 November 2017
- C3.5.5 cidb Standard for Minimum Requirements for Engaging Contractors and Sub-Contractors on Construction Works Contracts, No. 41237 Government Gazette, 10 November 2017
- C3.5.6 cidb Standard for Minimum Requirements for Engaging Contractors and Sub- Contractors on Construction Works Contracts, No. 42021 Government Gazette, 9 November 2018
- C3.5.7 cidb Standard for Developing Skills through Infrastructure Contracts, No 48491 Government Gazette, 23 April 2023.

C3.6 CONTRACT PARTICIPATION GOALS AND CIDB BUILD PROGRAMME

Provision has been made within the Contract Participation Goal section in the Bill of Quantities for the respective CPGs. Prescribed Profit and Attendance percentages have been stipulated, all inclusive of associated costs to the contractor for implementation and allowance for submitting

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

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

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

C3.6.1 Minimum Targeted Local Material Manufacturer Contract Participation Goal

The Minimum Targeted Local Building Material Manufacturers CPG is *insert "applicable" or "not applicable"* to this project.

It is the requirement of the employer that the contractor enhances the use of local Small, Micro and Medium Enterprise Local Material Manufacturers (SMME's) in executing this contract, irrespective whether a minimum percentage Participation Goals is applicable or not.

The Minimum Targeted Local Manufacturers of Material Contract Participation Goal, in accordance with the cidb Standard for Contract Participation Goals for Targeting Enterprises and Labour through Construction Works Contracts as published in the Government Gazette Notice No. 41237 of 10 November 2017, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020.

A Targeted Local Material Manufacturer is a targeted enterprise that operates or maintains a factory or establishment that produces on its premises materials or goods required by the principal contractor for the performance of the contract.

Note: Adapted from SANS 10845-7:2015, definition 2.13

Preference shall be given to the Targeted Local Material Manufacturer where feasible in **insert applicable Ward/s, Municipal District, Town, City, Province**, and provided that:

- (a) Such materials comply in all respects with the specific requirements of PW371 and SANS specifications,
- (b) The non-availability of such materials shall not adversely affect the desired progress of the specific works,
- (c) The use of such suppliers shall not constitute grounds for any claim for increased cost in respect thereof,
- (d) Materials of at least **insert applicable percentage, both in words and figures** of the total value of materials purchased excluding VAT to be sourced from within **insert applicable kilometers** radius of the project site,
- (e) Material of at least **insert applicable percentage, both in words and figures** of the total value of materials purchased excluding VAT to be sourced from within **insert applicable kilometers** radius of the project site.

Failure to achieve the minimum specified value as indicated in the CPG Bill of Quantity Section for Targeted Local Material Manufacturer participation will result in a **thirty percent (30%)** penalty of the prorated targeted value of materials not complied with unless the contractor can prove to the Employer's satisfaction that the non-achievement was beyond his/her control.

The contractor shall submit monthly reports in terms of monthly achievement and accumulative targets achieved including audited supporting documentation to the Employer's Representative.

C3.6.2 Minimum Targeted Local Building Material Suppliers Contract Participation Goal

The Minimum Targeted Local Building Material Suppliers CPG is *insert "applicable" or "not applicable"* to this project.

It is the requirement of the employer that the contractor enhances the use of local Small, Micro and Medium Enterprise Local Material Suppliers (SMME's) in executing this contract, irrespective whether a minimum percentage Participation Goals is applicable or not.

The Minimum Targeted Local Manufacturers of Material Contract Participation Goal shall be achieved in accordance with the cidb Standard for Contract Participation Goals for Targeting Enterprises and Labour through Construction Works Contracts as published in the Government Gazette Notice No. 41237 of 10 November 2017, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract..

A targeted supplier is a targeted enterprise that

- a) owns, operates or maintains a store, warehouse or other establishment in which goods are bought, kept in stock and regularly sold to wholesalers, retailers or the public in the usual course of business; and
- b) engages, as its principal business and in its own name, in the purchase and sale of goods.

Note: Adapted from SANS 10845-7:2015, definition 2.14

Preference shall be given to the local material suppliers where feasible in the **insert applicable Ward/s, Municipal District, Town, City, Province**, and provided that:

- (a) Such materials comply in all respects with the specific requirements of PW371 and SANS specifications,
- (b) The none availability of such materials shall not adversely affect the desired progress of the specific works,
- (c) The use of such suppliers shall not constitute grounds for any claim for increased cost in respect thereof,
- (d) Materials of at least **insert applicable percentage, both in words and figures** of the total value of materials purchased excluding VAT to be sourced from within **insert applicable kilometerskm** of the project site,
- (e) Material of at least **insert applicable percentage, both in words and figures** of the total value of materials purchased excluding VAT to be sourced from within **insert applicable kilometerskm** of the project site.

Failure to achieve the minimum specified value as indicated in the CPG Bill of Quantity Section for Targeted Local Material Manufacturer participation will result in a **thirty percent (30%)** penalty of the prorated targeted value of materials not complied with, unless the contractor can prove to the Employer's satisfaction that the non-achievement was beyond his/her control.

The bidder shall submit monthly reports in terms of monthly achievement and accumulative targets achieved including audited supporting documentation to the Employer's Representative.

C3.6.3 Minimum Targeted Local Labour Skills Development Contract Participation Goal

The Minimum Targeted Local Labour Skills Development CPG is *insert "applicable" or "not applicable"* to this project.

It is the requirement of the employer that the contractor enhances the use of local labour in executing this contract. This is required to be done through the use of both traditional building techniques and labour-intensive construction techniques careful and considered construction planning and implemented in the project irrespective whether a minimum percentage Participation Goal is applicable or not.

The Minimum Targeted Local Skills Development Contract Participation Goal shall be achieved in accordance with the cidb Standard for Contract Participation Goals for Targeting Enterprises and Labour through Construction Works Contracts as published in the Government Gazette Notice No. 41237 of 10 November 2017, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract..

Targeted labour: individuals who:

- a) are employed by the principal contractor, sub-contractor or targeted enterprises in the performance of the contract;

- b) are defined as the target group in the targeting data; and
- c) permanently reside in the target area or who are recognized as being residents of the target area on the basis of identification and association with and recognition by the residents of the target area.

Adapted from SANS 10845-7:2015, definition 2.12

Targeting of labour by skills categories is only permissible within categories of semi-skilled and unskilled labour.

Contract participation goals for semi-skilled and unskilled labour shall be limited to on-the-job training to targeted labour to enable such labour to master the basic work techniques required to undertake the work in accordance with the requirements of the contract and in a manner that does not compromise worker health and safety. In the case of targeted labour, the certification of records shall be in accordance with SANS 10845-8.

Beneficiaries will be sourced from the **insert applicable Ward/s, Municipal District, Town, City, Province** for the full duration of the Construction Period, employed by either the principal contractor, sub-contractors or targeted enterprises. The total number of working days to complete the Works amount to **insert number of working days as determined by the Construction Period** working days. The minimum CPG participation for Targeted Local Labour Skills Development is **insert applicable percentage, both in words and figures**, expressed as a percentage of the total number of working days required to complete the Works. The contractor shall attain or exceed the CPG in the performance of the contract. Failure to achieve the minimum Targeted Local Labour Skills Development CPG will result in a payment reduction of **R5 000** (Excluding VAT), per working day which training has not been provided to the workforce in attendance, unless the contractor can prove to the Employer's satisfaction that the non-achievement was beyond his/her control.

The bidder shall submit monthly reports in terms of monthly achievement and accumulative targets achieved including audited supporting documentation to the Employer's Representative.

C3.6.4 CIDB BUILD PROGRAMME: Minimum Targeted Enterprise Development Contract Participation Goal

The Minimum Targeted Enterprise Development Contract Participation Goal is *insert "applicable" or "not applicable" to this project.*

The aim of this best practice standard for indirect targeting for enterprise development in accordance with the Standard for Indirect Targeting for Enterprise Development (published in Government Gazette 36190 of 25 February 2013), as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract, is to promote enterprise development by providing for a minimum Contract Participation Goal (CPG) of ***insert percentage Min 5% and Max 30%*** of the contract amount as defined in the Standard (Tender amount, excluding allowances and VAT) on selected contracts to be undertaken by joint-venture partners or to be sub-contracted to developing contractors that are also to be beneficiaries of enterprise development support from the main contractor.

The bidder shall submit monthly reports in terms of monthly achievement and accumulative targets achieved including audited supporting documentation to the Employer's Representative.

The lead partner or main contractor shall dedicate a **minimum *insert percentage Min 5% and Max 30%*** of the tender value at the time of award, excluding allowances and VAT, to provide developmental support to targeted subcontractor or joint venture partner applicable to contracts in Grades 7 to 9, General Building and Civil Engineering contracts. Preference will be given to insert type of enterprises, e.g. General Building, Electrical, Mechanical, Plumbing, etc. It could be either or any combination of all Enterprises.

Failing to achieve the targeted Contract Skills Development Goal will result in A) a thirty percent (30%) penalty of the value of the portion not achieved, excluding VAT, and B) the issuing of completion certificates only after the completion certificate of achieving the skills development goal, counter-signed by the relevant individuals has been submitted, unless the contractor can prove to the Employer's satisfaction that the non-achievement was beyond his/her control.

C3.6.4.1 Criteria

The main or lead partner of the successful bidder shall:

- (a) There must be a needs analysis for indirect targeting and development or skill standard and should be development in at least any two developmental areas namely;
 - Administrative and cost control systems
 - construction management systems and plans
 - planning, tendering and programming
 - business; technical; procurement skills
 - legal compliance
 - credit rating/history; financial loan capacity/history
 - contractual knowledge
- (b) The above needs analysis shall be mutually agreed upon between contractor and targeted enterprise
- (c) The contractor shall appoint an enterprise development coordinator to:
 - perform needs analysis on the targeted enterprise to identify developmental goals
 - develop a project specific enterprise development plan to improve the targeted enterprise/s performance in the identified developmental areas
 - provide internal mentorship support to improve the targeted enterprise/s performance
 - monitor and submit to the employer's representative a monthly enterprise development report thereby reporting on the progress of the agreed development areas with the targeted enterprise/s
 - submit a project completion report to the Employer's representative for each targeted enterprise.

C3.6.4.2 Management

The contractor shall provide a competent person/s to provide internal mentorship to the Targeted Enterprise/s in the two agreed developmental areas.

C3.6.4.3 Competence Criteria for an Enterprise Development Co-ordinator

The enterprise development co-ordinator shall have the following competencies:

- Minimum experience of 5 years in the construction industry at Managerial level as a Site Agent, Contracts Manager, Site Manager, Construction Manager, Business Development Manager or Enterprise Development Manager.
- Minimum experience of 2 years in training and development in Building or Construction; and
- National Diploma or B Degree in the Built Environment or Business Management

C3.6.4.4 Format of Communications

The contractor shall submit to the Employer's Representative:

- *Project interim reports* in the specified format (**ED105P**) detailing interim values of the CPG that was achieved together with an assessment of the enterprise development support provided should be tabled and discussed at least monthly at progress meetings between employer's representative and the contractor;
- *Project completion report* in the specified format (**ED101P**) to the Employer's Representative for acceptance within 15 days of achieving practical completion. The report shall include the value of the CPG that was certified in accordance with the contract, cidb registration numbers of each and every targeted enterprise, and the value of the subcontracted works or of the joint venture entered into; and the participation parameter
- *Enterprise development declaration* (**ED104P**).

C3.6.4.5 The Key Personal

The contractor shall appoint an Enterprise Development Co-ordinator and a competent person/s to provide internal mentorship.

C3.6.4.6 Management Meetings

The contractor shall report to the Employer's Representative on the implementation and progress of the targeted enterprise development and CPG at monthly progress site meetings.

C3.6.4.7 Forms for contract administration

The contractor shall submit to the Employer's Representative the following proformas:

- Form ED 105P Project Interim Report
- Form ED 104P Enterprise Development Declaration
- Form ED 101P Project Completion Report

C3.6.4.8 Records

The contractor shall:

- keep records of the targeted enterprise development
- keep records of the payments made to the targeted enterprises in relation to the CPG.
- ensure all the documentation required in terms of the Standard is provided with each monthly progress payment certificate and according to a prescribed format where applicable.

C3.6.4.9 Payment Certificates

The contractor shall:

- achieve the measurable CPG and providing enterprise development support to the targeted enterprise/s as per the Standard.
- submit payment certificates to the Employer Representative at intervals determined in the Contract.

C3.6.4.10 Compliance requirements

Non-compliance with the Best Practice Project Assessment Scheme

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

The wording of regulation 27A of the cidb regulations makes provision for the Board to enforce the cidb code of conduct in the event of clients being found to be in breach of the best practice project assessment scheme.

- Not including the requirements of the cidb standards in the conditions of tender
- Not registering the award of contract on the cidb Register of Projects (RoP)
- Not reporting practical completion on the cidb Register of Projects (RoP)

3.6.5 CIDB BUILD PROGRAMME: Minimum Targeted Contract Skills Development Goal (CSDG)

The Minimum Targeted Contract Skills Development CPG is *insert "applicable" or "not applicable"* to this project.

The contractor shall achieve or exceed in the performance of the contract the Contract Skills Development Goal (CSDG) established in the Standard for Developing Skills through Infrastructure Contracts (published in Government Gazette No. 48491 of 23 April 2023 and the cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract.

Failing to achieve the targeted Contract Skills Development Goal will result in A) a **thirty percent (30%)** penalty of the value of the portion not achieved, excluding VAT, and B) the issuing of completion certificates only after the completion certificate of achieving the skills development goal, counter-signed by the relevant individuals has been submitted, unless the contractor can prove to the Employer's satisfaction that the non-achievement was beyond his/her control.

The contractor shall apportion the learners in the different construction activities based on the scope of work. The cost of accommodating learners will be determined by using Table 3 in the Standard and this cost will be used to determine the value in Rand and will be added to the provision for training as provided for in the Preliminary and General section in the Bill of Quantities/Pricing schedules/Activity schedule.

C3.6.5.1 Methodology

The contractor shall achieve the measurable contract skills development goal by providing opportunities to learners requiring structured workplace learning using one or a combination of any of the following in relation to work directly related to the contract or order:

Method 1: structured workplace learning opportunities for learners towards the attainment of a part or a full occupational qualification;

Method 2: structured workplace learning opportunities for apprentices or other artisan learners towards the attainment of a trade qualification leading to a listed trade (GG No. 35625, 31 August 2012) subject to at least sixty percent (60%) of the artisan learners being holders of public TVET college qualifications;

Method 3: work integrated learning opportunities for University of Technology or Comprehensive University students completing their national diplomas;

Method 4: structured workplace learning opportunities for candidates towards registration in a professional category by a statutory council.

The contract skills participation goals, expressed in Rand, shall not be less than the contract amount multiplied by a percentage (%) factor given in Table 1 in the Standard for the applicable class of construction works.

Table 1: Contracting skills development goals for different classes of engineering and construction works contracts

Class of construction works as identified in terms of Regulation 25 (3) of the Construction Industry Regulations 2004		Construction skills development goal (CSDG) (%)
Designation	Description	
CE	Civil Engineering	0.25
CE and GB	Civil engineering and General Building	0.375
EE	Electrical Engineering works (buildings)	0.25
EP	Electrical Engineering works (infrastructure)	0.25
GB	General Building	0.5
ME	Mechanical Engineering works	0.25
SB	Specialist	0.25

The contractor shall apportion the learners in the different construction activities based on the scope of work. The cost of accommodating learners will be determined by using Table 2 in the Standard and this cost will be used to determine the value in Rand and will be added to the provision for training as provided for in the Preliminary and General section in the Bill of Quantities/Pricing schedules/Activity schedule.

Table 2: Notional Cost of Training per Headcount

Source: cidb Standard for Skills Development

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

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

- The successful contractor may employ part/full occupational qualification learners, trade qualification learners, work integrated learners or candidates directly or through a Skills Development Agency (SDA), (A1 - List of cidb accredited SDAs).
- The successful contractor must employ at least sixty percent (60%) of the learners from an FET / TVET college should the contractor select to have part/full occupational qualification learners and trade qualification learners contributing to the CSDG.
- The successful contractor shall employ at least **insert applicable percentage, both in words and figures** from eligible part/full occupational qualification learners, trade qualification learners, work integrated learners or candidates in the employment of the employer.

- (d) The successful contractor shall ensure that no single method shall contribute more than seventy five percent (75%) of the CSDG for the contract.
- (e) The successful contractor may only place thirty three percent (33%) employed employees or that of his subcontractors contributing to the CSDG.
- (f) The contractor shall employ at least sixty percent (60%) of the learners from a Public FET / TVET college should the contractor select to have trade qualification learners (Method 2) contributing to the CSDG.
- (g) One of the objectives of the project is to train **insert applicable number, both in words and figures** Occupational qualifications, trade qualification, work integrated learners – P1 and P2 learners, professional candidates.

C3.6.5.2 Management

- (a) The successful contractor must keep site records regarding the part/full occupational qualification learners', trade qualification learners', work integrated learners' or candidates' progress, site attendance, hours worked and other relevant information as required by the Standard.
- (b) The successful contractor shall provide the required number of appropriately qualified mentors to the maximum number of part/full occupational qualification learners, trade qualification learners, work integrated learners in the proportion as specified in the Standard.
- (c) The successful contractor shall provide a supervisor to manage the training of the part/full occupational qualification learners, trade qualification learners, work integrated learners, candidates.
- (d) The successful contractor shall submit to the employer's representative a baseline training plan in the specified format (Pro-forma A2) for the part/full occupational qualification learners, trade qualification learners, work integrated learners, candidates within 30 days of start of the contract.
- (e) The successful contractor shall submit to the employer's representative project interim report in the specified format (Pro-forma A3) on the progress of each of part/full occupational qualification learner, trade qualification learner, work integrated learner, candidate every three months.
- (f) The successful contractor shall submit to the employer's representative the names and particulars in the specified format (Pro-forma A4) of the supervisor, mentors for the part/full occupational qualification learners, trade qualification learners, work integrated learners or candidate within 30 days of start of the contract.
- (g) The successful contractor shall keep a daily record of all the part/full occupational qualification learners, trade qualification learners, work integrated learners, candidates on site and their daily activities and shall be made available to the employer's representative on request.
- (h) The successful contractor shall submit to the employer's representative the reports on the progress and status of the part/full occupational qualification learners, trade qualification learners, work integrated learners or candidates with the monthly invoice for the payment certificate.
- (i) The successful contractor shall have health and safety inductions for all part/full occupational qualification learners, trade qualification learners, work integrated learners or candidates.
- (j) The successful contractor shall conduct entry and exit medical tests of all part/full occupational qualification learners, trade qualification learners, work integrated learners or candidates.
- (k) The successful contractor shall provide personal protective equipment (PPE) to all part/full occupational qualification learners, trade qualification learners, work integrated learners or candidates at the start of their employment on site.

- (I) Based on the agreed skills methods the contractor may employ part/full Occupational Qualification Learners and /or Trade Qualification Learners and/or Work Integrated Learners and/or Candidates directly or through a Skills Development Agency (SDA), training provider or skills development facilitator (Form A1 - List of cidb accredited SDAs). The contractor shall ensure that no more than one Method shall be applied to any individual concurrently in the calculation of the CSDG for the contract.

C3.6.6 NATIONAL YOUTH SERVICE TRAINING AND DEVELOPMENT PROGRAMME (NYS)

The National Youth Service Training and Development Programme is *insert "applicable" or "not applicable"* to this project.

The programme shall be implemented in terms of the Implementation of the National Youth Service Programme under the Expanded Public Works (EPWP) and shall be priced in the CPG section of the Bills of Quantities. Monthly reports are to be submitted to the Employer's Representative.

Failure by the contractors to achieve the specified number to be trained in the NYS section of the CPG section within the Bills of quantities will result in a Payment reduction as per bill of quantities per person, excluding VAT, unless the contractor can prove to the Employer's satisfaction that the non-achievement was beyond his/her control.

C3.6.7 LABOUR-INTENSIVE WORKS

Labour Intensive Works is *insert "applicable" or "not applicable"* to this project.

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

Failure by the contractor to achieve the specified value of the Labour Intensive Participation Goal as stipulated within the Bills of Quantities will result in a **thirty percent (30%)** penalty of the value of the works not done by means of labour intensive methods, excluding VAT, unless the contractor can prove to the Employer's satisfaction that the non-achievement was beyond his/her control.

Employer's objectives:

The employer's objectives are to deliver public infrastructure using labour-intensive methods in accordance with EPWP Guidelines.

Labour-intensive works:

Labour-intensive works shall be constructed/maintained using local workers who are temporarily employed in terms of the scope of work.

Labour-intensive competencies of supervisory and management staff:

Contractors shall only engage supervisory and management staff in labour-intensive works that have completed the skills programme including Foremen/ Supervisors at NQF level 4 "National Certificate: Supervision of Civil Engineering Construction Processes" and Site Agent/ Manager at NQF level 5 "Manage Labour-Intensive Construction Processes" or equivalent QCTO qualifications (See Appendix C) at NQF outlined in Table 1

C3.6.7.1 GENERIC LABOUR-INTENSIVE SPECIFICATION

Contractors are referred to the Guidelines for the Implementation of Labour-intensive Infrastructure Projects under the Expanded Public Works Programme (EPWP) for the generic labour-intensive specification applicable to the contract.

This specification establishes general requirements for activities which are to be executed by hand involving the following:

- trenches having a depth of less than 1.5 metres
- stormwater drainage
- roads
- sidewalks and non-motorised transport infrastructure
- water and sanitation

Precedence

Where this specification is in conflict with any other standard or specification referred to in the Scope of Works to this Contract, the requirements of this specification shall prevail

Hand excavateable material

Hand excavateable material is:

a) granular materials:

- i) whose consistency when profiled may in terms of Table 3 be classified as very loose, loose, medium dense, or dense; or
- ii) where the material is a gravel having a maximum particle size of 10mm and contains no cobbles or isolated boulders, no more than 15 blows of a dynamic cone penetrometer is required to penetrate 100mm;

b) cohesive materials:

- i) whose consistency when profiled may in terms of Table 3 be classified as very soft, soft, firm, stiff and stiff / very stiff; or
- ii) where the material is a gravel having a maximum particle size of 10mm and contains no cobbles or isolated boulders, no more than 8 blows of a dynamic cone penetrometer is required to penetrate 100mm;

Note

- 1) A boulder is material with a particle size greater than 200mm, a cobble and gravel is material between 60 and 200mm.
- 2) A dynamic cone penetrometer is an instrument used to measure the in-situ shear resistance of a soil comprising a drop weight of approximately 10 kg which falls through a height of 400mm and drives a cone having a maximum diameter of 20mm (cone angle of 60° with respect to the horizontal) into the material being used.

Table 3: Consistency of materials when profiled			
GRANULAR MATERIALS		COHESIVE MATERIALS	
CONSISTENCY	DESCRIPTION	CONSISTENCY	DESCRIPTION
Very loose	Crumbles very easily when scraped with a geological pick.	Very soft	Geological pick head can easily be pushed in as far as the shaft of the handle.
Loose	Small resistance to penetration by sharp end of a geological pick.	Soft	Easily dented by thumb; sharp end of a geological pick can be pushed in 30-40 mm; can be moulded by fingers with some pressure.
Medium dense	Considerable resistance to penetration by sharp end of a geological pick.	Firm	Indented by thumb with effort; sharp end of geological pick can be pushed in up to 10 mm; very difficult to mould with fingers; can just be penetrated with an ordinary hand spade.
Dense	Very high resistance to penetration by the sharp end of a	Stiff	Can be indented by thumb-nail; slight indentation produced by

	geological pick; requires many blows for excavation.		pushing geological pick point into soil; cannot be moulded by fingers.
Very dense	High resistance to repeated blows of a geological pick.	Very stiff	Indented by thumb-nail with difficulty; slight indentation produced by blow of a geological pick point.

Trench excavation

All hand excavateable material in trenches having a depth of less than 1,5 metres shall be excavated by hand.

Compaction of backfilling to trenches (areas not subject to traffic)

Backfilling to trenches shall be placed in layers of thickness (before compaction) not exceeding 100mm. Each layer shall be compacted using hand stampers;

a) to 90% Mod AASHTO;

b) such that in excess of 5 blows of a dynamic cone penetrometer (DCP) is required to penetrate 100 mm of the backfill, provided that backfill does not comprise more than 10% gravel of size less than 10mm and contains no isolated boulders, or

c) such that the density of the compacted trench backfill is not less than that of the surrounding undisturbed soil when tested comparatively with a DCP.

Excavation

All excavateable material including topsoil classified as hand excavateable shall be excavated by hand. Harder material may be loosened by mechanical means prior to excavation by hand. Any material which presents the possibility of danger or injury to workers shall not be excavated by hand.

Clearing and grubbing

Grass and bushes shall be cleared by hand.

Shaping

All shaping shall be undertaken by hand.

Loading

All loading shall be done by hand. Haulage equipment should be selected in a manner that allows loading by hand to the greatest extent possible.

Haul

Excavation material shall be hauled to its point of placement by means of wheelbarrows where the haul distance is not greater than 150m.

Offloading

All material, however transported, is to be off-loaded by hand, unless tipper-trucks are utilised for haulage.

Spreading

All material shall be spread by hand.

Compaction

Small areas may be compacted by hand provided that the specified compaction is achieved. Appropriate rollers should be used where higher (than can be achieved by hand) levels of compaction are required or for large areas.

Grassing

All grassing shall be undertaken by sprigging, sodding, or seeding by hand.

Stone pitching and rubble concrete masonry

All stone required for stone pitching and rubble concrete masonry, whether grouted or dry, must to be collected, loaded, off loaded and placed by hand.

Sand and stone shall be hauled to its point of placement by means of wheelbarrows where the haul distance is not greater than 150m.

Grout shall be mixed and placed by hand.

Manufactured Elements

Elements manufactured or supplied by the Contractor, such as manhole rings and cover slabs, precast concrete planks and pipes, masonry units and edge beams shall not individually, have a mass of more than 320kg. Where the mass of an element exceeds 55 kg, consideration should be given to the size of the element relative to its total mass related to the number of workers who would be needed to lift such mass

C3.7 Submission of Accrual Reports

The Contractor shall submit accrual reports to the client representative at the end of March and September each year for the duration of the Service Contract period from the date of appointment up to and including project closeout. This is to ensure that PMTE complies with the accounting framework GRAP, which requires that PMTE disclose all its accruals as at the end of each reporting date.

C3.8 Submission of Monthly Local Material Utilisation Report (Local Content)

Submission of Monthly Local Material Utilisation Report (Local Content) *insert "applicable" or "not applicable" to this project.*

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

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

Examples of calculating CPGs and related penalties

CPGs values are based on the Tender Amount at the time of the award. Determining the actual values is based either on the Tender Amount including allowances and Vat or the Tender Amount at the time of award excluding allowances and VAT, where Allowances include the following:

- Provisional amounts
- CPG allowances
- Nominated and/or selected subcontractors
- Contract price adjustment (Not provided for within the B of Q by NDPWI)
- Contingency amounts (Not provided for within the B of Q by NDPWI)

CPG values in the CPG Bill of Quantities Section will be recalculated based on the “Tender Amount” or the “Contract Amount” which ever applicable and the provisional amounts adjusted accordingly. Sanctions (penalties) are applicable to all CPGs where the contractor fails to achieve the minimum specified requirements, unless the contractor can prove to the Employer’s satisfaction that the non-achievement was beyond his/her control. No penalties will be applied should the CPG value, based on the original “Tender Amount” or the “Contract Amount”, has been achieved.

1.1 Targeted Local Building Material Manufacturers CPG

When applicable, the CPG is expressed as a percentage of the “Contract Amount”, i.e. the Tender Amount at the time of award excluding allowances and VAT.

CPG calculation example:

“Tender Amount” = R150 Mil all inclusive of allowances and VAT

“Contract Amount” = R130 Mil (Tender Amount at the time of award excluding allowances and VAT)

CPG to be achieved = 5% as specified in the Scope of Works (PG01.2)

CPG target value = R130 Mil x 5% = R 6,5 Mil (Value of material to be purchased from local manufacturers, excluding VAT)

Calculation of penalty:

Percentage penalty applicable = 10% as specified in the Scope of Works (PG01.2)

CPG target value = R6,5 Mil excluding VAT

CPG Achieved = R5,5 Mil (R1 Mil shortfall) excluding VAT

Penalty = R1 Mil x 10% = R100 000 excluding VAT

1.2 Targeted Local Building Material Suppliers CPG

When applicable, the CPG is expressed as a percentage of the “Contract Amount”, i.e. the Tender Amount at the time of award excluding allowances and VAT.

CPG calculation example:

“Tender Amount” = R150 Mil all inclusive of allowances and VAT

“Contract Amount” = R130 Mil (Tender Amount at the time of award excluding allowances and VAT)

CPG to be achieved = 5% as specified in the Scope of Works (PG01.2)

CPG target value = R130 Mil x 5% = R 6,5 Mil (Value of material to be purchased from local suppliers, excluding VAT)

Calculation of penalty:

Percentage penalty applicable = 20% as specified in the Scope of Works (PG01.2)

CPG target value = R6,5 Mil excluding VAT

CPG Achieved = R5,5 Mil (R1 Mil shortfall) excluding VAT

Penalty = R1 Mil x 20% = R200 000 excluding VAT

1.3 Targeted Local Labour Skills Development CPG

When applicable, the CPG is expressed as a percentage of the total number working days required to

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complete the Works.

CPG calculation example:

"Tender Amount" = R150 Mil all inclusive of allowances and VAT

"Contract amount" = R130 Mil (Tender Amount at the time of award excluding allowances and VAT)

Number of working days required to complete the Works based on the construction period = 600 days

CPG percentage participation to be achieved = 30% as specified in the Scope of Works (PG01.2)

Required number of working days training to be provided = 180 days (600 x 30%)

Calculation of penalty:

Payment reduction = R 5 000 per day for not providing training as specified in the Scope of Works (PG01.2)

CPG = 600 working days x 30% = 180 working days training to be provided

CPG Achieved = 160 days (20 days shortfall where no training was provided)

Penalty = 20 days x R5 000 payment reduction per day= R100 000 excluding VAT

1.4 Cidb BUILD Programme: Enterprise Development

When applicable, the Enterprise Development CPG expressed as a percentage of the "Contract amount" = Tender amount at the time of award excluding allowances and VAT. Failure to achieve the minimum Targeted Local Labour Skills Development CPG will result in a payment reduction of an amount specified in the Scope of Works (PG01.2) per working day where training was not provided.

The monetary value of training to be provided is stipulated in the CPG BoQ section. The number of beneficiaries to be trained is dependent on the "Contract Amount" as well the number of beneficiaries appointed which will generally resort under the Grade 1 and 2 cidb categories. The provisional amount will therefore be adjusted in terms of the "contract Amount", the number of beneficiaries to be trained and the actual cost for providing the training.

Part 1: Calculation of 5% CPG example:

"Tender Amount" = R150 Mil all inclusive of allowances and VAT

"Contract Amount" = R130 Mil (Tender Amount at the time of award excluding allowances and VAT)

CPG percentage participation to be achieved = 5% as specified in the Scope of Works (PG01.2) CPG

value = R6,5 Mil (Value of work to be subcontracted to emerging enterprises)

Calculation of penalty

Percentage penalty applicable = 30% as specified in the Scope of Works (PG01.2)

CPG Minimum 5% = R6,5 Mil

Achieved = R5,5 Mil (Only subcontracted work to the value of R5,5 Mil, i.e. R1 Mil shortfall)

Penalty = R1 Mil x 30% = R300 000 Excl. VAT

Part 2: Calculations in terms of training to be done:

The number of enterprises to be developed is subject to the contract amount and the apportionment of the work as per Example 1 below.

Number of enterprises to be trained = 6 x 1 GB subcontractors

Total cost for training = R 1 660 000

Calculation of penalty

Total number of enterprises to be trained = 6

Total number trained = 4 (2 Shortfall)

Training cost per beneficiary = R1 660 000 / 6 = R 276 666,67 per beneficiary

Penalty = R 276 666,67 x 2 x 30% = R166 000 Excl. VAT

B of Q Item	Description	Unit	Rate	Quantity	Amount (R)
5	Enterprise Development				
5.1	Enterprise Development of Targeted Enterprise or JV partners				
5.1.1	Appointment of training co-ordinator	Per Quarter	45 000	8	360 000
5.1.2	Appointment of Mentor /Training Service provider	Per Quarter	135 000	8	1 080 000

B of Q Item	Description	Unit	Rate	Quantity	Amount (R)
5.1.3	Needs Analysis and Enterprise Development Plan per Targeted Enterprise	No.	5 000	6	30 000
5.1.4	Monitoring and Interim reporting per targeted enterprise	Per Quarter	20 000	8	160 000
5.1.5	Project Completion report per Targeted Enterprise	No.	5 000	6	30 000
	Provisional Sum to be carried over to CPG bill of quantities				1 660 000

"Contract amount" Tender amount excl. allowances and VAT 130 000 000

CPG Monetary value (5%) to be subcontracted to beneficiaries for training 6 500 000

No of enterprises based on the CPG value 6 Grade 1 / 2 GB/CE,ETC.

Contract period (months) 24

Note: Rates to be determined by PQS and adjusted to accepted quotation amounts

1.5 Cidb BUILD Programme: Skills Development (Principal contractor including subcontractors and consultants)

When applicable, the contract skills development participation goals, expressed in Rand, shall be no less than the "contract amount" multiplied by a percentage (%) factor for the applicable class of construction works.

The monetary value of training to be provided is stipulated in the CPG BoQ section. The number of beneficiaries to be trained is dependent on the "Contract Amount" as well the number of beneficiaries appointed which will generally resort under the Grade 1 and 2 cidb categories. The provisional amount will therefore be adjusted in terms of the "Contract Amount", the number of beneficiaries to be trained from which Method and the actual cost for providing the training.

CPG Calculation

Table 2: Contracting skills development goals for different classes of engineering and construction works contracts

Source: cidb Standard for Developing Skills through Infrastructure Contracts as published in the Government Gazette Notice No. 43495 of 3 July 2020 (Page 7)

Class of construction works as identified in terms of Regulation 25 (3) of the Construction Industry Regulations 2004		Construction skills development goal (CSDG) (%)
Designation	Description	
CE	Civil Engineering	0.25
CE and GB	Civil engineering and General Building	0.375
EE	Electrical Engineering works (buildings)	0.25
EP	Electrical Engineering works (infrastructure)	0.25
GB	General Building	0.5
ME	Mechanical Engineering works	0.25
SB	Specialist	0.25

"Contract amount" = Tender amount at the time of award excluding allowances and expenses, and VAT

Contractor CPG:

CPG calculation

"Contract amount" x factor from Table 3 above.

CPG calculation example:

"Tender Amount" = R150 Mil for GB, all inclusive of allowances and VAT

"Contract Amount" = R130 Mil (Tender Amount at the time of award excluding allowances and VAT)

Factor for GB = 0,5% (as per Table 2 above)

CPG in R value = R130 Mil x 0,5% = R650 000 i.e. total notional cost of training to amount to R650 000

Calculation of penalty:

Percentage penalty applicable = 30% as specified in the Scope of Works (PG01.2)

CPG value = R650 000

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Achieved = R550 000 = R100 000 Shortfall

Penalty = R100 000 x 30% = R30 000 Excl. VAT

Calculations based on “Contract Amount” after bid award and appointment of beneficiaries

Actual CPG training requirement value after award upon selecting method/s of training and appointment of beneficiaries = R676 000 (Table 4 below) and the provisional amount allowed for to be adjusted accordingly. The new monetary value of training required will then form the basis for determining penalties applicable. No penalties will be applied should the CPG value, based on the “Contract Amount” be achieved.

Table 4: Notional cost recalculation upon appointment of beneficiaries.

Source: cidb Standard for Developing Skills through Infrastructure Contracts as published in the Government Gazette Notice No. 43495 of 3 July 2020 (Page 10)

Skills Types	Number of learners	Notional Cost / Learner / Quarter	Notional cost / learner / year	Total Notional Cost over 12 months Contract
Method 2: Workplace learning opportunities, with unemployed TVET graduates	2	R23 000	R92 000	R184 000
Method 3: Candidacy for an unemployed learner with a 3-year qualification	2	R61 500	R246 000	R492 000
Total	4			R676 000

Note: the required CPG will be recalculated based on the awarded Tender amount and “Contract Amount” once the beneficiaries have been appointed and actual costs are known

Note: The notional cost of providing training opportunities will increase by CPI on an annual basis based on April CPI as published by Stats SA. The rates will be adjusted as an adjustment to the provisional amounts should the rates increase after bid award or during the construction period

1.6 National Youth Service Programme (NYS) CPG

When applicable, a separate NYS Bill of Quantities will be included in the tender documentation will indicate the number of beneficiaries to be trained.

Calculation of penalty:

Payment reduction per person not trained as stipulated in the NYS Bill of Quantities = R 2 500 per person.

Total number of NYS Beneficiaries as stipulated in the NYS Bill of Quantities = 25

Total Number of NYS beneficiaries trained = 20 (shortfall of 5 beneficiaries)

Penalty = 5 x R2 500 = R12 500 Excl. VAT

1.7 Labour Intensive Works CPG

When applicable, the work to be done by way of Labour intensive methods are specified in the Bills of Quantities with a “LI”.

CPG calculation example:

“Tender Amount” = R150 Mil all inclusive of allowances and VAT

“Contract Amount” = R130 Mil (Tender Amount at the time of award excluding allowances and VAT)

CPG value = R10 Mil (Total value of labour-intensive works specified in the Bills of Quantities)

Calculation of penalty:

CPG value = R10 Mil

Percentage penalty applicable = 30% as specified in the Scope of Works (PG01.2)

CPG Achieved = 9 Mil (R1 Mil shortfall)

Penalty = R1 Mil x 30% = R300 000 Excl. VAT

PART C4

SITE INFORMATION

C4
SITE INFORMATION



PG-03.2 (EC) SITE INFORMATION – JBCC 2000 PRINCIPAL BUILDING AGREEMENT (EDITION 6.2 OF MAY 2018)

Project title:	<i>Department of Labour: Nelspruit Regional Office: Ermelo: Construction of Labour Centre</i>				
Tender no:	<i>H25/005/AI</i>	WCS no:		Reference no:	

C4 Site Information

Refer to Bill No.1 – Preliminaries and General