



public works
& infrastructure

Department:
Public Works and Infrastructure
REPUBLIC OF SOUTH AFRICA

BILL OF QUANTITIES FOR
MANKWENG SAPS: UPGRADING OF POLICE STATION,
CONSTRUCTION OF 8 ADDITIONAL OFFICES, CELLS AND LIVING
QUARTERS.

ARCHITECT

WICUS PRETORIUS ARCHITECTS CC
P O Box 272 THORNHILL PLAZA
POLOKWANE 0882
Email: wicus@wparch.za
Tel: 015-297 1542
Fax: 015-297 4725
*Mr Wicus Pretorius: 082 825 2941

QUANTITY SURVEYOR

SRSQS QUANTITY SURVEYING SERVICES
P O Box 789 THORNHILL PLAZA
POLOKWANE, 0882
Email: sandro@srsqs.co.za
Tel: 015 291 1005
Fax: 086 560 4404
Mr Sandro Shikwambana: 082 702 3540

ELECTRICAL & MECHANICAL ENGINEERS

INGCALI CONSULTING ENGINEERS
P O Box 2666 BENDOR PARK 0709
POLOKWANE
Email: rodney@ingcali.co.za
Tel: 051-430 5435
Fax: 051-448 3871
*Mr Rodney Du Rand: 073 282 3228

STRUCTURAL & CIVIL ENGINEERS

TM CONSULTING
P O Box 4171
POLOKWANE 0700
Email: turnerlesj@gmail.com
Tel: 015-296 3225
Fax: 086 613 6722
Mr Les Turner: 082 375 3773

NAME OF TENDERER:

TENDER AMOUNT:



EXPANDED PUBLIC WORKS PROGRAMME

TENDER No. PLK24/05

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

PLEASE TAKE NOTE
CLOSING TIME: 11H00am

BID NUMBER: PLK24/05
CLOSING DATE: 02/04/2024

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

The Tax Clearance Certificate for Tender Purposes from the Receiver of Revenue and the Tender 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.

TENDER DOCUMENTS MAY BE POSTED TO

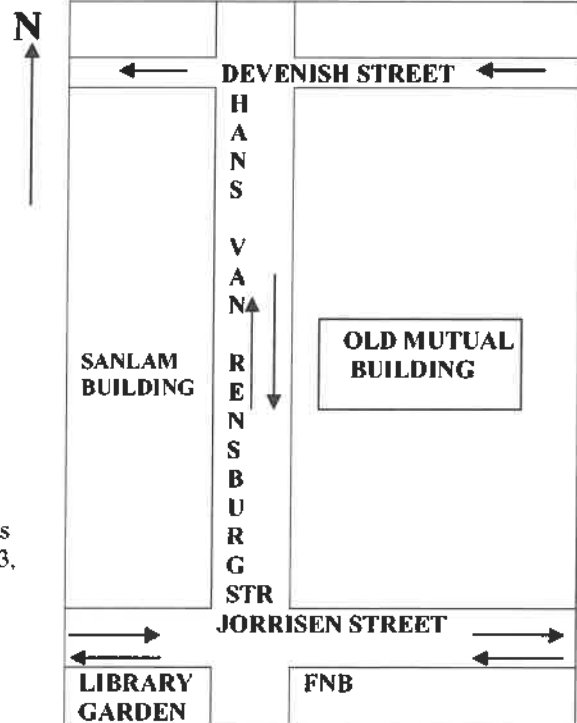
REGIONAL MANAGER
Department of Public Works
Private Bag X 9469
POLOKWANE
0700

ATTENTION: TENDER SECTION: ROOM 10, first floor

Tender documents that are posted must reach the Department of Public Works before the closing date of the tender.

OR

The tender documents may be deposited in the tender box which is identified as the tender box of the Department of Public Works which is located at 78 Hans van Rensburg Street, Old Mutual Building, Room 03, Ground Floor.



The tender box at the Regional Office: Department of Public Works: POLOKWANE is open (**Mondays to Fridays 07:30 – 12:15 / 13:00 – 16:00.**) However, if the tender is late, it will as a rule not be accepted for consideration.

Tenderers should ensure that tenders are delivered timeously to the correct address.

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

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

SUBMIT EACH TENDER IN A SEPARATE SEALED ENVELOPE.

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

1. <http://www.treasury.gov.za>
2. <http://www.gov.za/tenders/>

T1.1 Tender notice and invitation to tender

**T1.1. VOLUME 1: TENDERING
PROCEDURES**

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

THE DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE INVITES TENDERS FOR:

Project title:	MANKWENG SAPS – UPGRADING OF POLICE STATION, CONSTRUCTION OF 8 ADDITIONAL OFFICES, CELLS AND LIVING QUARTERS (WCS NO: 014335)
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Tender no:	PLK24/05	Reference no:	6066/0006
Advertising date:	08/03/2024	Closing date:	02/04/2024
Closing time:	11h00am	Validity period:	84 Calendar days

1. REQUIRED CIDB GRADING

It is estimated that tenderers should have a CIDB contractor grading designation of **6 GB** or **6 GB*** or higher.
* Delete "or select tender value range select class of construction works" where only one class of construction works is applicable

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

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

2. 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. Work Force 1 Contractor to provide proof of work force to execute the project . Attach original certified copies of plumbing trade test certificate and SA ID (Identity Document) certified copies of certificate holder.</p> <p>Artisan Plumber</p> <p>2 certificates and above = 5 Points 1 certificate = 4 Points</p>	10
<p>Contractor to provide proof of work force to execute the project . Attach original certified copies of electrical trade test certificate and SA ID (Identity Document) certified copies of certificate holder</p> <p>Artisan Electrician</p> <p>2 certificates and above = 5 Points 1 certificate = 4 Points</p>	10
<p>3. Work Force 3 Contractor to provide proof of work force to execute the project . Attach original certified copies of Carpenter trade test certificate and SA ID (Identity Document) certified copies of certificate holder</p> <p>Artisan Carpenter</p> <p>2 certificates and above = 5 Points 1 certificate = 4 Points</p>	10

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>. Work Force 4 Contractor to provide proof of work force to execute the project . Attach original certified copies of Bricklayer trade test certificate and SA ID (Identity Document)certified copies of certificate holder</p> <p>Artisan Bricklayer</p> <p>2 certificates and above = 5 Points 1 certificate = 4 Points</p>	<p>10</p>
<p>5. Work Force 5 Contractor to provide proof of work force to execute the project . Attach original certified copies of Plaster trade test certificate and SA ID (Identity Document)certified copies of certificate holder</p> <p>Artisan Plaster</p> <p>2 certificates and above = 5 Points 1 certificate = 4 Points</p>	<p>10</p>
<p>6. Work Force 6 Contractor to provide proof of work force to execute the project . Attach original certified copies of Tiler trade test certificate and SA ID(Identity Document)certified copies of certificate holder</p> <p>Artisan Tiler</p> <p>2 certificates and above = 5 Points 1 certificate = 4 Points</p>	<p>10</p>
<p>7.Work Force 7 Contractor to provide proof of work force to execute the project . Attach CV and certified copies of SA ID for confirmation of employed work force.</p> <p>Laboures</p> <p>3 SA ID and above = 5 Points 2 SA ID = 4 Points 1 SA ID = 3 Points</p>	<p>5</p>
<p>.Management 1</p> <p>Contractor to attach Completion Letter or Certificate with reference for all previous similar project undertaken and completed successfully with a value of R6 000 000.00 and above. (N.B Completion certificate or letter must indicate monetary value of the project.) N.B In instances where bidder attach sub-contracting completion letter or certificate, Bidder must attach appointment letter and completion letter for main contractor .</p> <p>Simillar Completed Projects</p> <p>4 projects and above = 5 Points 3projects = 4 Points 2 project = 3 Points</p>	<p>20</p>

. Equipments Contractor to provide evidence of registered certified copies of vehicle with capacity of 1 ton or above. Vehicle must be registered under the name of the company or the owner of the company. Utility vehicles 3 Vehicles = 5 Points 2 Vehicles = 4 Points 1 Vehicle = 3 Points	10
0. Financial Credibility Provide stamped bank rating from banking institute to justify the risk credit rating of A = 5 Points credit rating of B = 4 Points credit rating of C = 3 Points credit rating of D = 2 Points credit rating of E = 1 Points	5
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)

as per the guideline

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

<input type="checkbox"/> Method 1 (Financial offer)	<input checked="" type="checkbox"/> Method 2 (Financial and Preference offer)
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3.1. Indicate which preference points scoring system is applicable for this bid:

<input checked="" type="checkbox"/> 80/20 Preference points scoring system	<input type="checkbox"/> 90/10 Preference points scoring system	<input type="checkbox"/> Either 80/20 or 90/10 Preference points scoring system
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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 checked="" 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 type="checkbox"/>	Submission of DPW-16 signed by the authorised official and completion of bid briefing attendance register. Insert motivation why the tender clarification meeting is declared compulsory
8	<input checked="" type="checkbox"/>	The tenderer shall submit his fully priced Bills of Quantities / Lump Sum Document (complete document inclusive of all parts) together with his tender.
9	<input 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"/>	Attach valid original certified copies of accredited person registered as Installation Electrician or Master Installation Electrician issued by the Department of Labour and ID certified copy of the certificate holder
11	<input checked="" type="checkbox"/>	The bidder must have a professional Construction Manager registered with SACPCMP and a Construction health and safety Officer registered with SACPCMP and ID certified copy of the certificate holder.
12	<input checked="" type="checkbox"/>	The bidder must be registered on CSD
13	<input type="checkbox"/>	Specify other responsiveness criteria
14	<input type="checkbox"/>	Specify other responsiveness criteria
15	<input type="checkbox"/>	Specify other responsiveness criteria

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 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 checked="" type="checkbox"/>	Upon request, submission of a fully completed security clearance application form with supporting documentation and information as required. The security clearance form will be provided by the Employer for projects requiring a security clearance.
13	<input checked="" type="checkbox"/>	Submission PA 29
14	<input checked="" type="checkbox"/>	Submission PA 09
15	<input checked="" type="checkbox"/>	Specify other responsiveness criteria
16	<input type="checkbox"/>	Specify other responsiveness criteria
17	<input type="checkbox"/>	Specify other responsiveness criteria
18	<input type="checkbox"/>	Specify other responsiveness criteria

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> <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>

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

5.	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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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.

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".

OR 5. <input type="checkbox"/>	An EME or QSE or any entity which is at least 51% owned by black youth (Mandatory)	2	Or <ul style="list-style-type: none"> • South African Social Security Agency (SASSA) Registration indicating that the disability is permanent. Or <p>National Council for Persons with Physical Disability in South Africa registration (NCPDPSA).</p> <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 25999, 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)

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

The tendering Service Provider's experience on comparable projects during the past 8 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 8 years.

Adherence to contractual commitments and quality of performance of comparable current and previous projects performed by the Tenderer during the past 8 years as per the evaluation report prepared by the Consultant Team, based on its research and inspection of a representative sample of the Tenderer's current and previous work as reflected on form DPW-09 (EC), as well as, if necessary, of any additional work executed by the Tenderer, not reflected on form DPW-09 (EC). Failing to provide contactable references will result in the tender offer be *mutatis mutandis* declared non-responsive.

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

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

Criterion 3: Suitably qualified and appropriately experienced human resources

Allocation of suitably qualified and appropriately experienced human resources, both in respect of principals and/or other staff (contract manager, site agent, site foreman including other professional, technical and/or administrative) of the tendering Service Provider to the project, as proof that the tendering Service Provider will be able to react/respond appropriately to the Services required herein. The Company Organogram with CV's and certified ID's of all principals and employed workforce as well as proof of Professional Registration

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".

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

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 *insert physical address*. A non-refundable bid deposit of R *insert amount* 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.
Attendance of said pre- tender site inspection meeting is **not compulsory**

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

Venue:	Mankweng SAPS		
Virtual meeting link:	N/A		
Date:	20/03/2024	Starting time:	11h00am

11. ENQUIRIES

11.1. Technical enquiries may be addressed to:

DPWI Project Manager	L W PAPO	Telephone no:	015 291 6430
Cellular phone no	079 886 7880	Fax no:	N/A
E-mail	lesetja.papo@dpw.gov.za		

11.2. SCM enquiries may be addressed to:

SCM Official	Rebecca Motimele	Telephone no:	015 291 8066
Cellular phone no	N/A	Fax no:	n/a
E-mail	rebecca.motimele@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).

<p>Tender documents may be posted to:</p> <p>The Director-General Department of Public Works and Infrastructure Private Bag X 9469 POLOKWANE 0700</p> <p>Attention: Procurement section: Room 10</p>	<p>OR</p>	<p>Deposited in the tender box at:</p> <p>78 HANS van rensburg street Old Mutual Building Hans van Rensburg Street Room no: 10</p>
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T 1.2 Tender Data

DPW-03 (EC): TENDER DATA

Project title:	MANKWENG SAPS: UPGRADING OF POLICE STATION, CONSTRUCTION OF ADDITIONAL OFFICES, LIVING QUARTERS AND CELLS
Reference no:	6066/0006

Tender / Quotation no:	PLK24/05	Closing date:	02/04/2024
Closing time:	11H00am	Validity period:	12 Weeks (84 Calender days)

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

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C.1.4	The Employer's agent is:	
	Name:	Mr L W PAPO
	Capacity:	Departmental Project Manager
	Address:	77 HANS VAN RENSBURG STREET, POLOKWANE, 0699
	Tel:	015 291 6430
	Fax:	086 587 8476
	E-mail:	lesetja.papo@dpw.gov.za
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> <p>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 6 GB or 6 GB** class of construction work; and</p> <p>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: Not applicable</p> <p>Joint ventures are eligible to submit tenders provided that:</p> <ol style="list-style-type: none"> every member of the joint venture is registered with the CIDB; the lead partner has a contractor grading designation in the 6 GB or 6 GB** class of construction work; and 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 6 GB or 6 GB** class of construction work <p>** Delete "or select tender value range select class of construction works" where only one class of construction works is applicable</p> <p>A contract will be entered into with a tenderer who has in his employ management and supervisory staff satisfying the requirements of the scope of work for labour intensive competencies for supervisory and management staff: Not applicable</p>	

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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. Work Force 1 Contractor to provide proof of work force to execute the project . Attach original certified copies of plumbing trade test certificate and SA ID (Identity Document) certified copies of certificate holder.</p> <p>Artisan Plumber</p> <p>2 certificates and above = 5 Points 1 certificate = 4 Points</p>	10
<p>2. Work Force 2 Contractor to provide proof of work force to execute the project . Attach original certified copies of electrical trade test certificate and SA ID (Identity Document) certified copies of certificate holder</p> <p>Artisan Electrician</p> <p>2 certificates and above = 5 Points 1 certificate = 4 Points</p>	10
<p>3. Work Force 3 Contractor to provide proof of work force to execute the project . Attach original certified copies of Carpenter trade test certificate and SA ID (Identity Document) certified copies of certificate holder</p> <p>Artisan Carpenter</p> <p>2 certificates and above = 5 Points 1 certificate = 4 Points</p>	10
<p>4. Work Force 4 Contractor to provide proof of work force to execute the project . Attach original certified copies of Bricklayer trade test certificate and SA ID (Identity Document) certified copies of certificate holder</p> <p>Artisan Bricklayer</p> <p>2 certificates and above = 5 Points 1 certificate = 4 Points</p>	10
<p>5. Work Force 5 Contractor to provide proof of work force to execute the project . Attach original certified copies of Plaster trade test certificate and SA ID (Identity Document) certified copies of certificate holder</p> <p>Artisan Plaster</p> <p>2 certificates and above = 5 Points 1 certificate = 4 Points</p>	10

<p>6. Work Force 6 Contractor to provide proof of work force to execute the project . Attach original certified copies of Tiler trade test certificate and SA ID(Identity Document)certified copies of certificate holder</p> <p>Artisan Tiler</p> <p>2 certificates and above = 5 Points 1 certificate = 4 Points</p>	<p>10</p>
<p>7. Work Force 7 Contractor to provide proof of work force to execute the project . Attach CV and certified copies of SA ID for confirmation of employed work force.</p> <p>Laboures</p> <p>3 SA ID and above = 5 Points 2 SA ID = 4 Points 1 SA ID = 3 Points</p>	<p>5</p>
<p>8. Management 1 Contractor to attach Completion Letter or Certificate with reference for all previous similar project undertaken and completed successfully with a value of R6 000 000.00 and above. (N.B Completion certificate or letter must indicate monetary value of the project.) N.B In instances where bidder attach sub-contracting completion letter or certificate, Bidder must attach appointment letter and completion letter for main contractor.</p> <p>Similar Completed Projects</p> <p>4 projects and above = 5 Points 3 projects = 4 Points 2 project = 3 Points</p>	<p>20</p>
<p>9. Equipments</p> <p>Contractor to provide evidence of registered certified copies of vehicle with capacity of 1 ton or above. Vehicle must be registered under the name of the company or the owner of the company.</p> <p>Utility vehicles</p> <p>4 Vehicles = 5 Points 3 Vehicles = 4 Points 2 Vehicle = 3 Points</p>	<p>10</p>
<p>10. Financial Credibility</p> <p>Provide stamped bank rating from banking institute to justify the risk</p> <p>credit rating of A = 5 Points credit rating of B = 4 Points credit rating of C = 3 Points credit rating of D = 2 Points credit rating of E = 1 Points</p>	<p>5</p>
<p>Total</p>	<p>100 Points</p>
<p><i>(Weightings will be multiplied by the scores allocated during the evaluation process to arrive at the total functionality points)</i></p>	
<p>Minimum functionality score to qualify for further evaluation:</p>	<p>60</p>

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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 (NCPDOSA).
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 (NCPDOSA).</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.



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 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 8 years.

The tendering Service Provider's experience on comparable projects during the past 8 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 8 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 8 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>
<p>C.2.7</p>	<p>For particulars regarding a pre-tender site inspection meeting, see Notice and Invitation to Tender T1.1</p>

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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 checked="" type="checkbox"/> Together with his tender; or <input type="checkbox"/> The tenderer shall submit his fully priced and completed sectional summary- and final summary pages with the tender and thereafter submit the fully completed Bills of Quantities within fourteen (14) calendar days of the date requested to do so prior to the award of the contract.</p>
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: 78 Hans van Rensburg Street, Old Mutual Building, first Floor.Polokwane, office no 10</p>
C.3.8	<p>The words "responsive tender" and "acceptable tender" shall be construed to have the same meaning.</p>

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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.

T 2.1 List of Returnable Documents

PA-09 (EC): LIST OF RETURNABLE DOCUMENTS

Project title:	MANKWENG SAPS – UPGRADING OF POLICE STATION, CONSTRUCTION OF 8 ADDITIONAL OFFICES, CELLS AND LIVING QUARTERS.		
Tender / Quotation no:	PLK24/05	Reference no:	6066/0006
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
Submission of Bidder's disclosure (PA-11)	3 Pages	Yes
Resolution of Board of Directors (PA-15.1) <i>(if applicable)</i>	1 Page	Yes
Resolution of Board of Directors to enter into Consortia or JV's (PA-15.2) <i>(if applicable)</i>	2 Pages	Yes
Special Resolution of Consortia or JV's (PA-15.3) <i>(if applicable)</i>	3 Pages	Yes
Preference points claim form in terms of the Preferential Procurement Regulations 2017 (PA – 16.1)	5 Pages	Yes
Declaration Certificate for Local Production and Content for designated sectors (PA – 36 and Annexure/s C)	N/A	Yes
Fully completed Declaration of Designated Groups for Preferential Procurement (PA 40)	2 Pages	Yes
Registration on National Treasury's Central Supplier Database (CSD).	-	Yes
Particulars of Tenderer's Projects (DPW-09 EC)	2 Pages	Yes
Site Inspection Meeting Certificate (DPW-16 EC) <i>(if applicable)</i> .	1 Page	
Record of attending compulsory virtual bid clarification / site inspection meeting <i>(if applicable)</i> .	1 Page	
Record of Addenda to tender documents (DPW-21 EC)	1 Page	Yes
Proof of 30% Subcontracting participation and related documents in terms of the Preferential Procurement Regulations 2017 <i>(if applicable)</i> .	N/A	

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

Tender / Quotation no: PLK24/05

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 additional information required to complete a risk assessment (if applicable)	-	Yes
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 .		
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.	7 Pages	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) (if applicable)	1 Page	Yes
Particulars of Electrical Contractor (DPW-22 EC) (if applicable)	1 Page	Yes
Mechanical / Electrical / Security Work material and equipment schedules (if applicable)	Pages	Yes
Schedule for Imported Materials and Equipment (DPW-23 EC) (if applicable)	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)	219 Pages	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Fully priced and completed sectional summary- and final summary pages with the tender.	Pages	<input type="checkbox"/> Yes <input type="checkbox"/> No

Tender / Quotation no: PLK24/05

Tender document name	Number of pages issued	Returnable document
	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

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:	MANKWENG SAPS – UPGRADING OF POLICE STATION, CONSTRUCTION OF 8 ADDITIONAL OFFICES, CELLS AND LIVING QUARTERS		
Tender / Quotation no:	PLK24/05	Reference no:	6066/0006

OFFER

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

MANKWENG SAPS – UPGRADING OF POLICE STATION, CONSTRUCTION OF 8 ADDITIONAL OFFICES, CELLS AND LIVING QUARTERS.

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 words):
Rand in figures:	R

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"

Tender / Quotation no: PLK24/05

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:	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.
In his/her capacity as:	

SIGNED FOR THE TENDERER:

Name of representative	Signature	Date

WITNESSED BY:

Name of witness	Signature	Date

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

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

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

SECURITY OFFERED:

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

NB. Guarantees submitted must be issued by either an insurance company duly registered in terms of the Insurance Act [Long-Term Insurance Act, 1998 (Act 52 of 1998) or Short-Term Insurance Act, 1998 (Act 35 of 1998)] or by a bank duly registered in terms of 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: PLK24/05

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"

Tender / Quotation no: PLK24/05

Name of Organisation:	Department of Public Works and Infrastructure
Address of Organisation:	<i>Private Bag X 9469 Polokwane 0700</i>

WITNESSED BY:

Name of witness	Signature	Date

Schedule of Deviations

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

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

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"

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

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- 29: CERTIFICATION OF INDEPENDENT BID DETERMINATION

Project title:	MANKWENG SAPS – UPGRADING OF POLICE STATION, CONSTRUCTION OF 8 ADDITIONAL OFFICES, CELLS AND LIVING QUARTERS.		
Bid no:	PLK24/05	Reference no:	6066/0006

INTRODUCTION

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

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

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



CERTIFICATE OF INDEPENDENT BID DETERMINATION

I, the undersigned, in submitting the accompanying bid:

(Bid Number and Description)

in response to the invitation for the bid made by:

(Name of Institution)

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

I certify, on behalf of: _____ that:

(Name of Bidder)

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

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

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

Name of Bidder	Signature	Date	Position

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

PA-15.1: RESOLUTION OF BOARD OF DIRECTORS

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

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

Held at _____ (place)

on _____ (date)

RESOLVED that:

1. 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)

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

Note:

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

ENTERPRISE STAMP

PA-15.3: SPECIAL RESOLUTION OF CONSORTIA OR JOINT VENTURES

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

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

Held at _____ *(place)*

on _____ *(date)*

RESOLVED that:

RESOLVED that:

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

(Project description as per Bid /Tender Document)

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

PA-15.3: Special Resolution of Consortia or Joint Ventures

B. *Mr/Mrs/Ms: _____

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

and who will sign as follows: _____

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

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

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

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

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

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

Physical address: _____

 _____ (Postal code) _____

Postal Address: _____

 _____ (Postal code) _____

Telephone number: _____

Fax number: _____

PA-15.3: Special Resolution of Consortia or Joint Ventures

	Name	Capacity	Signature
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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:	MANKWENG SAPS – UPGRADING OF POLICE STATION, CONSTRUCTION OF 8 ADDITIONAL OFFICES, CELLS AND LIVING QUARTERS		
Tender / Quotation no:	<i>PLK24/05</i>	Reference no:	<i>6066/0006</i>
Closing date:	<i>02/04/2024</i>		

This is to certify that I, _____ representing

_____ in the capacity of

_____ visited the site on:

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 REGULATION
2022



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

**PA-16: PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL
PROCUREMENT REGULATIONS 2022**

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

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

1. GENERAL CONDITIONS

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

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

1.2 **Preference Points System to be applied**

(Tick whichever is applicable).

- The applicable preference point system for this tender is the **80/20** preference point system.
- The applicable preference point system for this tender is the **90/10** preference point system.
- Either the **90/10** or **80/20** preference point system will be applicable in this tender. The lowest/ highest acceptable tender will be used to determine the accurate system once tenders are received.

1.3 **Points for this tender shall be awarded for:**

1.3.1 **Price; and**

1.3.2 **Specific Goals**

1.4 **The maximum points for this tender are allocated as follows:**

CHOOSE APPLICABLE PREFERENCE POINT SCORING SYSTEM	<input checked="" type="checkbox"/> 80/20	<input type="checkbox"/> 90/10
PRICE	80	
SPECIFIC GOALS	20	
Total points for Price and Specific Goals	100	

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

1.5 Breakdown Allocation of Specific Goals Points

1.5.1 For Procurement transactions with rand value greater than R2 000.00 and up to R1 Million (Inclusive of all applicable taxes), the specific goals as listed in table 1 below are applicable.

All Acquisitions

Table 1

Serial No	Specific Goals	Preference Points allocated out of 20	Documentation to be submitted by bidders to validate their claim for points
1.	An EME or QSE which is at least 51% owned by black people	10	ID Copy Or SANAS Accredited BBBEE Certificate or sworn affidavit where applicable Or CSD Report Or CIPC (company registration)
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	2	Office Municipal Rates Statement Or Permission To Occupy from local chief in case of rural areas (PTO) Or Lease Agreement
3.	An EME or QSE which is at least 51% owned by women	4	ID Copy Or CSD Report Or CIPC (company registration)

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

Serial No	Specific Goals	Preference Points allocated out of 20	Documentation to be submitted by bidders to validate their claim for points
4.	An EME or QSE which is at least 51% owned by people with disability	2	Medical Certificate Or South African Social Security Agency (SASSA) registration Or National Council for Persons with Physical Disability in South Africa registration (NCPDPSA)
5.	An EME or QSE which is at least 51% owned by youth .	2	ID Copy Or CSD Report Or CIPC (company registration)

1.5.2 **For procurement transactions with rand value greater than R1 Million and up to R50 Million (Inclusive of all applicable taxes) the specific goals as listed in table 2 below are applicable:**

All Acquisitions

Table 2

Serial No	Specific Goals	Preference Points allocated out of 20	Documentation to be submitted by bidders to validate their claim for points
1.	An EME or QSE or any entity which is at least 51% owned by Historically Disadvantaged Individuals (HDI)	10	ID Copy Or SANAS Accredited BBEE Certificate or sworn affidavit where applicable Or CSD Report

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

Serial No	Specific Goals	Preference Points allocated out of 20	Documentation to be submitted by bidders to validate their claim for points
			Or CIPC (company registration)
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	2	Office Municipal Rates Statement Or Permission To Occupy from local chief in case of rural areas (PTO) Or Lease Agreement
3.	An EME or QSE or any entity which is at least 51% owned by women	4	ID Copy Or CSD Report Or CIPC (company registration)
4.	An EME or QSE or any entity which is at least 51% owned by people with disability	2	Medical Certificate Or South African Social Security Agency (SASSA) registration Or National Council for Persons with Physical Disability in South Africa registration (NCPDPSA)
5.	An EME or QSE or any entity which is at least 51% owned by youth .	2	ID Copy Or CSD Report Or CIPC (company registration)

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

1.5.3 For procurement transactions with rand value greater than R50 Million (Inclusive of all applicable taxes) the specific goals as listed in table 3 below are applicable

All Acquisitions

Table 3

Serial No	Specific Goals	Preference Points allocated out of 10	Documentation to be submitted by bidders to validate their claim for points
1.	An EME or QSE or any entity which is at least 51% owned by Historically Disadvantaged Individuals (HDI)	4	ID Copy Or SANAS Accredited BBBEE Certificate or sworn affidavit where applicable Or CSD Report Or CIPC (company registration)
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	2	Office Municipal Rates Statement Or Permission To Occupy from local chief in case of rural areas (PTO) Or Lease Agreement
3.	An EME or QSE or any entity which is at least 51% owned by women	2	ID Copy Or CSD Report Or CIPC (company registration)
4. <input type="checkbox"/>	An EME or QSE or any entity which is at least 51% owned by people with disability	2	Medical Certificate Or

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

Serial No	Specific Goals	Preference Points allocated out of 10	Documentation to be submitted by bidders to validate their claim for points
5. <input type="checkbox"/>	<p>OR</p> <p>An EME or QSE or any entity which is at least 51% owned by youth.</p> <p>(only one specific goal is applicable between specific goal number 4 and specific goal number 5 under 90/10 Preference Point System)</p>		<p>South African Social Security Agency (SASSA) registration</p> <p>Or</p> <p>National Council for Persons with Physical Disability in South Africa registration (NCPDPSA)</p> <p>ID Copy</p> <p>Or</p> <p>CSD Report</p> <p>Or</p> <p>CIPC (company registration)</p>

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

2. DEFINITIONS

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

5 of 2000).

3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

3.1. POINTS AWARDED FOR PRICE

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

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

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

Where

Ps = Points scored for price of tender under consideration

Pt = Price of tender under consideration

Pmin = Price of lowest acceptable tender

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

3.2.1. POINTS AWARDED FOR PRICE

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

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

Where

Ps = Points scored for price of tender under consideration

Pt = Price of tender under consideration

Pmax = Price of highest acceptable tender

4. POINTS AWARDED FOR SPECIFIC GOALS

- 4.1. In terms of Regulation 4(2); 5(2); 6(2) and 7(2) of the Preferential Procurement Regulations, preference points must be awarded for specific goals stated in the tender. For the purposes of this tender the tenderer will be allocated points based on the goals stated in table 1,2 and 3 above as may be supported by proof/ documentation stated in the conditions of this tender:

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

4.2. In cases where organs of state intend to use Regulation 3(2) of the Regulations, which states that, if it is unclear whether the 80/20 or 90/10 preference point system applies, an organ of state must, in the tender documents, stipulate in the case of—

- (a) an invitation for tender for income-generating contracts, that either the 80/20 or 90/10 preference point system will apply and that the highest acceptable tender will be used to determine the applicable preference point system; or
- (b) any other invitation for tender, that either the 80/20 or 90/10 preference point system will apply and that the lowest acceptable tender will be used to determine the applicable preference point system,

then the organ of state must indicate the points allocated for specific goals for both the 90/10 and 80/20 preference point system.

Table 1: Specific goals for the tender and points claimed are indicated per the table below.

(Note to organs of state: Where either the 90/10 or 80/20 preference point system is applicable, corresponding points must also be indicated as such.

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

The specific goals allocated points in terms of this tender	Number of points allocated (90/10 system) (To be completed by the organ of state)	Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (90/10 system) (To be completed by the tenderer)	Number of points claimed (80/20 system) (To be completed by the tenderer)
1. An EME or QSE or any entity which is at least 51% owned by Historically Disadvantaged Individuals (HDI)	4	10		
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	2	2		
3. An EME or QSE or any entity which is at least 51% owned by women	2	4		

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

The specific goals allocated points in terms of this tender	Number of points allocated (90/10 system) (To be completed by the organ of state)	Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (90/10 system) (To be completed by the tenderer)	Number of points claimed (80/20 system) (To be completed by the tenderer)
4. An EME or QSE or any entity which is at least 51% owned by people with disability or	2	2		
5. An EME or QSE or any entity which is at least 51% owned by youth . (only one specific goal is applicable between specific goal number 4 and specific goal number 5 under 90/10 Preference Point System)		2		

Note: *in respect of the 90/10 point system a selection of either disability or youth may be made with an allocation of 2 points for either of them.

DECLARATION WITH REGARD TO COMPANY/FIRM

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

4.4. Company registration number:

4.5. TYPE OF COMPANY/ FIRM

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

[TICK APPLICABLE BOX]

4.6. I, the undersigned, who is duly authorised to do so on behalf of the company/firm,

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

certify that the points claimed, based on the specific goals as advised in the tender, qualifies the company/ firm for the preference(s) shown and I acknowledge that:

- i) The information furnished is true and correct;
- ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
- iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 4.2, the contractor may be required to furnish documentary proof to the satisfaction of the organ of state that the claims are correct;
- iv) If the specific goals have been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the organ of state may, in addition to any other remedy it may have –
 - (a) disqualify the person from the tendering process;
 - (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
 - (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
 - (d) recommend that the tenderer or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and
 - (e) forward the matter for criminal prosecution, if deemed necessary.

.....	
SIGNATURE(S) OF TENDERER(S)	
SURNAME AND NAME:
DATE:
ADDRESS:

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

Project title:	MANKWENG SAPS – UPGRADING OF POLICE STATION, CONSTRUCTION OF 8 ADDITIONAL OFFICES, CELLS AND LIVING QUARTERS.		
Tender / quotation no:	PLK24/05	Closing date:	02/04/2024
Advertising date:	08/03/2024	Validity period:	84 Calendar days

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

1.1. Current projects

1	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
2							
3							
4							
5							
6							
7							
8							

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



Tender no: **PLK24/05**

12. 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	
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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 20 September 2021

PA- 40: DECLARATION OF DESIGNATED GROUPS FOR PREFERENTIAL PROCUREMENT

Tender no: PLK24/05

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 20 September 2021

PA- 40: DECLARATION OF DESIGNATED GROUPS FOR PREFERENTIAL PROCUREMENT

Tender no: PLK24/05

2. DECLARATION:

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

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

Signed by the Tenderer

Name of representative	Signature	Date

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 20 September 2021

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

Project title:	MANKWENG SAPS – UPGRADING OF POLICE STATION, CONSTRUCTION OF 8 ADDITIONAL OFFICES, CELLS AND LIVING QUARTERS.		
Tender no:	PLK24/05	Reference no:	6066/0006

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



DPW-15 (EC): SCHEDULE OF PROPOSED SUBCONTRACTORS

Project title:	MANKWENG SAPS – UPGRADING OF POLICE STATION, CONSTRUCTION OF 8 ADDITIONAL OFFICES, CELLS AND LIVING QUARTERS .		
Tender no:	PLK24/05	Reference no:	6066/0006

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:	<i>MANKWENG SAPS – UPGRADING OF POLICE STATION, CONSTRUCTION OF 8 ADDITIONAL OFFICES, CELLS AND LIVING QUARTERS.</i>		
Tender no:	PLK24/05	Reference no:	6066/0006

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

Name of Tenderer	Signature	Date

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

Project title:	MANKWENG SAPS – UPGRADING OF POLICE STATION, CONSTRUCTION OF 8 ADDITIONAL OFFICES, CELLS AND LIVING QUARTERS.		
Tender no:	PLK24/05	Reference no:	6066/0006

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

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

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

These net amounts will be adjusted as follows:

FORMULA:

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

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

A = the amount (R) of adjustment

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

Y = exchange rate at the closing date of tender submission

Z = exchange rate on the date of payment.

Name of Tenderer	Signature	Date



PA-14: MEDICAL CERTIFICATE FOR THE CONFIRMATION OF PERMANENT DISABLED STATUS

Project title:	MANKWENG SAPS – UPGRADING OF POLICE STATION, CONSTRUCTION OF 8 ADDITIONAL OFFICES, CELLS AND LIVING QUARTERS.		
Tender / Bid no:	PLK24/05	Reference no:	6066/0006

I, _____ (surname and name),
 identity number, _____ do hereby declare that I am a registered medical
 practitioner, with my practice number being _____, practising at
 _____ (Physical or postal addresses)
 declare that I have examined Mr. / Ms. _____,
 identity number _____ and have found the said person to be
 permanently disabled or having a recurring disability.

"Disability" means, in respect of a person, a permanent impairment of a physical, intellectual, or sensory function, which results in restricted, or lack of, ability to perform an activity in the manner, or within the range, considered normal for a human being." –

The nature of the disability is as follows:

Thus signed at _____ on this _____ day of _____ 20____

Signature

Date

OFFICIAL STAMP OF
 MEDICAL PRACTITIONER

Part C1: Agreement and Contract Data



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

Project title:	MANKWENG SAPS – UPGRADING OF POLICE STATION, CONSTRUCTION OF 8 ADDITIONAL OFFICES, CELLS AND LIVING QUARTERS .
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Tender / Quotation no:	PLK24/05	WCS no:	014335	Reference no:	6066/0006
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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.

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)).

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.

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.

CONTRACT VARIABLES

THE SCHEDULE

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.

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].

PART 1: CONTRACT DATA COMPLETED BY THE EMPLOYER:

A PROJECT INFORMATION

A 1.0 Works [1.1]

Works description	Refer to document <i>PG01.2 (EC) – Scope of Works</i> for detailed description
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The project has been done before and it was cancelled, so the remaining scope of works involve construction Block A, finalising of Block B, Cells Blocks, Community Service Centre, single quarters , paving around the buildings and installation of standby Generator

Tender / Quotation no: PLK24/05

A 2.0 Site [1.1]

Erf / stand number	ERF 796
Site address	Mankweng SAPS Zone A
Township / Suburb	Mankweng
City / Town	Polokwane
Province	Limpopo
Local authority	Polokwane Municipality
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	Private Bagx 9469 78 Old Mutual Building Polokwane 0700		
Physical address	78 hans van rensburg street Old mutual building Polokwane 0700		

A 3.2 Employer's representative:

Name	lesetja papo	Telephone number	015 291 6430
E-mail	lesetja.papo@dpw.gov.za	Mobile number	079 886 7880
Postal address	Private Bagx 9469 78 Old Mutual Building Polokwane 0700		
Physical address	78 hans van rensburg street Old mutual building Polokwane 0700		

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

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A 4.0	Principal Agent [1.1; 6.2]	Discipline	Architects
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Name	Wicus Pretorius		
Legal entity of above	Wicus Pretorius Architects CC	Contact person	Wicus
Practice number	5651	Telephone number	015 297 1542
Country	RSA	Mobile number	082 825 2941
E-mail	wicus@wparch.za		
Postal address	P O box 272 thornhill Polokwane 0700		
Physical address	P o box 272 Thornhill Polokwane 0700		

A 5.0	Agent [1.1; 6.2]	Discipline	Quantity Surveyor
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Name	SRQS Quantity Surveyor		
Legal entity of above	SRQS Quantity Surveyor	Contact person	Sandro
Practice number	2012/139758/07	Telephone number	015 291 1005
Country	RSA	Mobile number	082 702 3540
E-mail	sandro@srsqs.co.za		
Postal address	P O box 780 IVYPARK Polokwane 0700		
Physical address	P O box 780 IVYPARK Polokwane 0700		

A 6.0	Agent [1.1; 6.2]	Discipline	Electrical and Mechanical Engineers
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Name	Ingcali Consulting Engineers		
Legal entity of above	Ingcali Consulting Engineers	Contact person	Andre Lotter
Practice number	2004/025728/07	Telephone number	051 430 5435
Country	RSA	Mobile number	082 895 9149
E-mail	Andrelotter@ingcali.co.za		
Postal address	P o box 2666 Bendor Polokwane 0700		
Physical address	P o box 2666 Bendor Polokwane 0700		

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A 7.0	Agent [1.1; 6.2]	Discipline	Structural and Civil Engineer
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Name	TM Consulting Engineers		
Legal entity of above	TM Consulting Engineers	Contact person	Les Turner
Practice number	ck97/035468/23	Telephone number	015 296 3225
Country	RSA	Mobile number	082 375 3773
E-mail	lestel@mweb.co.za		
Postal address	P O box 4171 Bendor Polokwane 07000		
Physical address	P O box 4171 Bendor Polokwane 0700		

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".

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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	
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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".

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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
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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	1 to 32
Drawings as per drawing register issued with the tender	As issued
Specifications issued with the tender	As issued
Schedules issued with the tender	N/A
Bills of Quantities issued with the tender	1 to 219
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]	

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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%	Not Applicable
Or	Works with practical completion in sections [10.2] With a deductible not exceeding 5% of each and every claim	Contract sum plus 10%	Not Applicable
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%	Applicable
	Direct contractors [10.1.1; 10.2] where applicable, to be included in the contract works insurance	RPQS to determine value	Not Applicable
	Free issue [10.1.1; 10.2] where applicable, to be included in the contract works insurance	RPQS to determine value	Not Applicable
	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	Not Applicable
	Other insurances [10.1.5]		
	Hi Risk Insurance Refer B18.0 [10.1.5.1]	R PQS to determine value	Not Applicable
	Other insurances: If applicable, description 1:	R PQS to determine value	Not Applicable
	Other insurances: If applicable, description 2:	R PQS to determine value	Not Applicable

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B 7.0 Obligations of the employer [12.1]

Existing premises will be in use and occupied [12.1.2] If applicable, description: newly build detective office are used as community service centre	Applicable
Restriction of working hours [12.1.2] If applicable, description:	Not Applicable
Natural features and known services to be preserved by the contractor [12.1.3] If applicable, description:	Not Applicable
Restrictions to the site or areas that the contractor may not occupy [12.1.4] If applicable, description:	Not Applicable
Supply of free issue of material and goods [12.1.10] If applicable, description:	Not Applicable

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	1 month

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

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Period to obtain Construction Permit from Department of Labour upon approval of the Health & Safety Plan by the appointed Health & Safety Agent	1 month
Total construction period for the Works as a whole up to and including Practical Completion, as indicated below [24.1]	08 months
Period to achieve Works Completion Refer B18.0 [19.8]	7 days
Defect liability period up to and including Final Completion	3
Total Contract Period [B18: 1.2]	13 months
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 630.00

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

Construction period [B18: 1.2] and Practical Completion for the Works as a whole [19.0] The time for achieving Practical Completion of the whole of the Works is measured from the date of possession of the site by the contractor inclusive of all public holidays, special non-working days and builders' holiday shut down periods.	Applicable
The date for practical completion for the works as a whole shall be the period in months as indicated, starting from the date of possession of the site by the contractor inclusive of all special non-working days and builders' holiday shut down periods [12.2.7; 24.1]	08 months
Period for inspection in working days by the principal agent [19.3]	5 days
Penalty amount per calendar day for late Practical Completion, excluding VAT. [24.1]	R6300.00
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 1890.00
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 945.00

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]	Not Applicable					
Portions of the Works in sections:	1	2	3	4	5	6
Period for inspection by the principal agent in working days [19.3]						
The date for practical completion shall be the period in months as indicated from the date of possession of the site by the contractor [12.2.7; 24.1]						

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

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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]	Not applicable
Penalty for late Practical Completion, <i>if completion in sections is required</i> , excluding VAT	
The penalty amount per day for failing to complete section 1 of the Works is:	R N/A
The penalty amount per day for failing to complete section 2 of the Works is:	R N/A
The penalty amount per day for failing to complete section 3 of the Works is:	R N/A
The penalty amount per day for failing to complete section 4 of the Works is:	R N/A
The penalty amount per day for failing to complete section 5 of the Works is:	R N/A
The penalty amount per day for failing to complete section 6 of the Works is:	R N/A
The penalty amount per day for failing to complete the whole of the Works, if applicable, is:	R N/A
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	
13.7	
13.8	
13.9	
13.10	

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

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B 14.0 Defects liability period [21.0]

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

Applicable	If applicable, description of applicable elements
14.1	Emergency generator
14.2	Air conditioning system
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	Mechanical equipment (e.g. Fire detection, Fire suppression system, Kitchen equipment, etc.)
14.6	Civil works
14.7	
14.8	
14.9	
14.10	

B 15.0 Payment [25.0]

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

B 16.0 Dispute resolution [30.0]

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

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B 17.0 JBCC® General Preliminaries - selections

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".

Provisional bills of quantities [P2.2]		Not Applicable
Availability of construction information [P2.3]		Applicable
Previous work - dimensional accuracy - details of previous contract(s) [P3.1]		Applicable
Previous work - defects - details of previous contract(s) [P3.2]		Applicable
Inspection of adjoining properties - details [P3.3]		Not Applicable
Handover of site in stages - specific requirements [P4.1]		Not Applicable
Enclosure of the works - specific requirements [P4.2]		Not Applicable
Geotechnical and other investigations - specific requirements [P4.3]		Not Applicable
Existing premises occupied - details [P4.5]		Not Applicable
Services - known - specific requirements [P4.6]		Not Applicable
Water [P8.1]	By contractor	Applicable
	By employer	Not Applicable
	By employer – metered	Not Applicable
Electricity [P8.2]	By contractor	Applicable
	By employer	Not Applicable
	By employer – metered	Not Applicable
Ablution and welfare facilities [P8.3]	By contractor	Applicable
	By employer	Not Applicable
Communication facilities - specific requirements [P8.4]		Not Applicable
Protection of the works - specific requirements [P11.1]		Applicable
Protection / isolation of existing works and works occupied in sections - specific requirements [P11.2]		Applicable
Disturbance - specific requirements [P11.5]		Not Applicable
Environmental disturbance - specific requirements [P11.6]		Applicable

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B 18.0 SPECIFIC CHANGES MADE TO JBCC® DOCUMENTATION
[Details of changes made to the provisions of JBCC standard documentation]

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".

1.2 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.

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CONTRACT SPECIFIC DATA

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 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	<p>Add the following as clause 9.3:</p> <p>The employer's rights to claim damages for the contractor's omissions and actions will not be affected.</p>
10.1	<p>Replace clause with the following:</p> <p>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].</p>
10.1.5.1	<p>Add the following as clause 10.1.5.1:</p> <p>Hi Risk Insurance</p> <p>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:</p>
10.1.5.1.1	<p>Add the following as clause 10.1.5.1.1:</p> <p>Damage to the works</p> <p>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.</p> <p>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.</p>
10.1.5.1.2	<p>Add the following as clause 10.1.5.1.2:</p> <p>Injury to persons or loss of or damage to property</p> <p>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.</p> <p>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.</p>
10.1.5.1.3	<p>Add the following as clause 10.1.5.1.3:</p> <p>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.</p>

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10.1.5.1.4	<p>Add the following as clause 10.1.5.1.4:</p> <p>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.</p>
10.2	<p>Replace clause with the following:</p> <p>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.</p>
10.6	No clause.
10.11	<p>Add the following as clause 10.11</p> <p>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.</p>
11.1	<p>Add the following to clause 11.1.</p> <p>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>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.</p> <p>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.</p>
11.1.1	No clause.
11.1.2	No clause.
11.2.2	No clause.
11.3	No clause.
11.4.1	<p>Replace clause 11.4.1 with the following:</p> <p>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.</p>
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 per cent (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 per cent (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	<p>Add the following as clause 11.15</p> <p>Where security as a payment reduction of ten per cent (10%) of the value certified in the payment certificate (excluding VAT) has been selected:</p>
11.15.1	<p>Add the following as clause 11.15.1</p> <p>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.</p>
11.15.2	<p>Add the following as clause 11.15.2</p> <p>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.</p>
11.16	<p>Add the following as clause 11.16</p> <p>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.</p>
11.17	<p>Add the following as clause 11.17</p> <p>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).</p>
12.1.1	No Clause.
12.1.5	<p>Replace clause with the following:</p> <p>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.</p>
12.1.6	No clause.
12.1.8	No clause.
12.2.2	<p>Replace clause with the following:</p> <p>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.</p>
12.2.5	<p>Replace clause with the following:</p> <p>Effect and keep in force insurances in favour of the employer as beneficiary where the contractor is responsible for providing insurances [10.0) [CD].</p>
12.2.13	<p>Replace clause with the following:</p> <p>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.</p>
12.2.22	<p>Insert the following clause as 12.2.22:</p> <p>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).</p>

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12.2.23	<p>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].</p>
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	<p>Replace clause with the following: The principal agent shall call for tenders from a list of tenderers agreed between the contractor and the employer.</p>
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	<p>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.</p>
17.6	<p>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.</p>
19.5	<p>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.</p>
19.8	<p>Add the following as: 19.8</p> <p>WORKS COMPLETION</p> <p>(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.</p> <p>(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:</p> <p>(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</p>

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

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21.6.2	Omit clause.
21.13	Add the following as clause 21.13 The ninety (90) calendar 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: 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: 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: 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 were 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	Replace 26.10 with the following: 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 .
26.12	Refer to clause 6.7 [CD].
27.1.2	Replace 27.1.2 with the following: Interest due to late payment only.
27.1.4	Replace 27.1.4 with the following: Interest due to late payment only.
27.1.5	No clause.
27.5	Add the following as clause 27.5: 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.

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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	<p>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.</p>
30.3 to 30.7.7	No clauses.
30.8	<p>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:</p>
30.8.1	No clause.
30.8.2	<p>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.</p>
30.8.3	<p>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.</p>
30.9	<p>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.</p>
30.10	No clause.
30.12	No clause.

Tender / Quotation no: PLK24/05

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".

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.	<i>Not applicable</i>
(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.	<i>Not applicable</i>
(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.	<i>Not applicable</i>
(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.	<i>Not applicable</i>
(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.	<i>Not applicable</i>
(f)	DPWI National Youth Service training and development programme (NYS) – Condition of Contract.	<i>Not applicable</i>
(g)	Labour Intensive Works – Condition of Contract.	<i>Not applicable</i>
(h)		<i>Not applicable</i>
(i)		<i>Not applicable</i>

Tender / Quotation no: PLK24/05

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".

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

Tender / Quotation no: PLK24/05

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".

C 2.0 Payment of preliminaries [25.0]

Contractor's selection

Select Option A or B

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: PLK24/05

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".

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-10.1 (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

PROJECT MANAGER
Private Bag X 9469
POLOKWANE
0700

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: PLK24/05, for the MANKWENG SAPS – UPGRADING OF POLICE STATION, CONSTRUCTION OF 8 ADDITIONAL OFFICES, CELLS AND LIVING QUARTERS. (hereinafter referred to as the "contract") in the amount of R _____, (_____), (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 _____, (_____) 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: _____



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

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

FOR ATTENTION

PROJECT MANAGER
Private Bag X9469
POLOKWANE
0700

Sir,

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

1. With reference to the contract between _____
_____ (hereinafter referred to as the "**contractor**") and the Government of the Republic of South Africa, in its Department of Public Works and Infrastructure, (hereinafter referred to as the "**employer**"), Contract/Tender No: **PLK24/05**, for the **MANKWENG SAPS – UPGRADING OF POLICE STATION, CONSTRUCTION OF 8 ADDITIONAL OFFICES, CELLS AND LIVING QUARTERS**. (hereinafter referred to as the "**contract**") in the amount of R _____, (_____) (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 _____, (_____) being 10% of the **contract sum** (excluding VAT), for the due fulfillment of the contract.
2. I / We advise that the **guarantor's** liability in terms of this guarantee shall be as follows:
 - (a) From and including the date on which this guarantee is issued and up to and including the date of payment of the amount in the last final **payment certificate**, the **guarantor** will be liable in terms of this guarantee to the maximum amount of 10% of the **contract sum** (excluding VAT);
 - (b) The **guarantor's** liability shall reduce to 3 % of the **contract value** (excluding VAT) as determined at the date of the last **certificate of practical completion**, subject to such amount not exceeding 10% of the **contract sum** (excluding VAT).
 - (c) The **guarantor's** liability shall reduce to 1 % of the **contract value** (excluding VAT) as determined at the date of the last **certificate of final completion**, subject to such amount not exceeding 10 % of the **contract sum** (excluding VAT).
 - (d) This guarantee shall expire on the date of the last **final payment certificate**.
 - (e) The **practical completion certificate** and the **final completion certificate** referred to in this guarantee shall mean the certificates issued in terms of the contract.

Tender no: **PLK24/05**

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

SIGNED AT _____ ON THIS _____ DAY OF _____ 20__

AS WITNESS

1. _____

2. _____

Tender no: PLK24/05

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

C 2.1: Pricing Assumptions

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

Project title:	<i>MANKWENG SAPS – UPGRADING OF POLICE STATION, CONSTRUCTION OF 8 ADDITIONAL OFFICES, CELLS AND LIVING QUARTERS.</i>				
Tender / Quotation no:	<i>PLK24/05</i>	WCS no:	<i>014335</i>	Reference no:	<i>6066/0006</i>

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

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

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.

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

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

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.

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

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

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

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

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

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

C2.1.2 VALUE ADDED TAX

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

C2.1.3 CORRECTION OF ENTRIES

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

C2.1.4 ARITHMETICAL ERRORS

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

C2.1.5 TRADE NAMES

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

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

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

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

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

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 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 "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 "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 "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 "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.

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 "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.

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(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.

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.

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

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)*

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 *"not applicable"* to this project.

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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 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 "not applicable" to this project.

Where labour intensive work is specified in the Bill of Quantities 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.

C 2.2: BILLS OF QUANTITIES



public works
& infrastructure

Department:
Public Works and Infrastructure
REPUBLIC OF SOUTH AFRICA

BILL OF QUANTITIES FOR
MANKWENG SAPS: UPGRADING OF POLICE STATION,
CONSTRUCTION OF 8 ADDITIONAL OFFICES, CELLS AND LIVING
QUARTERS.

ARCHITECT

WICUS PRETORIUS ARCHITECTS CC
P O Box 272 THORNHILL PLAZA
POLOKWANE 0882
Email: wicus@wparch.za
Tel: 015-297 1542
Fax: 015-297 4725
*Mr Wicus Pretorius: 082 825 2941

QUANTITY SURVEYOR

SRSQS QUANTITY SURVEYING SERVICES
P O Box 789 THORNHILL PLAZA
POLOKWANE, 0882
Email: sandro@srsqs.co.za
Tel: 015 291 1005
Fax: 086 560 4404
Mr Sandro Shikwambana: 082 702 3540

ELECTRICAL & MECHANICAL ENGINEERS
INGCALI CONSULTING ENGINEERS
P O Box 2666 BENDOR PARK 0709
POLOKWANE
Email: rodney@ingcali.co.za
Tel: 051-430 5435
Fax: 051-448 3871
*Mr Rodney Du Rand: 073 282 3228

STRUCTURAL & CIVIL ENGINEERS
TM CONSULTING
P O Box 4171
POLOKWANE 0700
Email: turnerlesj@gmail.com
Tel: 015-296 3225
Fax: 086 613 6722
Mr Les Turner: 082 375 3773

NAME OF TENDERER:

TENDER AMOUNT:



EXPANDED PUBLIC WORKS PROGRAMME

TENDER No. PLK24/05

SECTION 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"

BUILDING AGREEMENT AND PRELIMINARIES

The JBCC Principal Building Agreement (Edition 6.2 - May 2018) prepared by the Joint Building Contracts Committee shall be the applicable building agreement, amended as hereinafter described

The JBCC Principal Building Agreement contract data for organs of state and other public sector bodies forms an integral part of this agreement

The JBCC General Preliminaries (May 2018) published by the Joint Building Contracts Committee for use with the JBCC Principal Building Agreement (Edition 6.2 - May 2018) shall be deemed to be incorporated in these bills of quantities / lump sum document, amended as hereinafter described

The contractor is deemed to have referred to the abovementioned documents for the full intent and meaning of each clause

The clauses in the abovementioned documents are hereinafter referred to by clause number and heading only

Where any item is not relevant to this agreement such item is marked N/A signifying "not applicable"

Where standard clauses or alternatives are not entirely applicable to this agreement such amendments, modifications, corrections or supplements as will apply are given under each relevant clause heading and such amendments, modifications, corrections or supplements shall take precedence notwithstanding anything to the contrary contained in the abovementioned documents

TENDERER'S SELECTIONS

Before submission of his tender the contractor is to complete the tenderer's selections in the contract data for organs of state and other public sector bodies

STRUCTURE OF THIS PRELIMINARIES BILL

Section A : A recital of the headings of the individual clauses in the aforementioned JBCC Principal Building Agreement

Section B : A recital of the headings of the individual clauses in the aforementioned JBCC General Preliminaries

Section C : Any special clauses to meet the particular circumstances of the project

PRICING OF PRELIMINARIES

Should the contractor select Option A in the contract data for organs of state and other public sector bodies for the adjustment of preliminaries, the amounts entered against the relevant items in these preliminaries are to be divided into one or more of the three categories provided namely fixed (F), value related (V) and time related (T)

PRICING OF BILLS OF QUANTITIES

The contractor is to allow opposite each item for all costs in connection therewith. All prices to include, unless otherwise stated, for all materials, fabrication, conveyance and delivery, unloading, storing, unpacking, hoisting, labour, setting, fitting and fixing in position, cutting and waste (except where to be measured in accordance with the standard system of measurement), patterns, models and templates, plant, temporary works, returning of packaging, duties, taxes (other than Value Added Tax), imposts, establishment charges, overheads, profit and all other obligations arising out of this agreement.

Items left unpriced will be deemed to be covered in prices against other items throughout these bills of quantities and no claim for any extras arising out of the contractor's omission to price any item will be entertained

Prices for all construction equipment, temporary works, services and other items shall include for the supply, maintenance, operating cost and subsequent removal and making good as necessary

VALUE ADDED TAX

Provision is made in the summary page of these bills of quantities / lump sum document for the inclusion of Value Added Tax (VAT)

SECTION A: PRINCIPAL BUILDING AGREEMENT

INTERPRETATION

A1.0 DEFINITIONS AND INTERPRETATION

Clause 1.0

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

SECTION 1: PRELIMINARIES (SECTION A)

Each Item Carried to Collection

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

TARGETED SUBCONTRACTORS: Subcontractors that must be appointed to a total of 30% or more of the contract sum, by the contractor, projects with a contract sum of the amount determined by the Minister in terms of the latest Preferential Procurement regulations, as may be amended from time to time.

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

A2.0 LAW, REGULATIONS AND NOTICES

Clause 2.0

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

A3.0 OFFER AND ACCEPTANCE

Replace Clause 3.3 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]

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

A4.0 CESSION AND ASSIGNMENT

Clause 4.0

Ref Clause 6.7 [CD] - Clause 4.2

Replace Clause 4.3 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

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

SECTION 1: PRELIMINARIES (SECTION A)

Each Item Carried to Collection

A5.0 DOCUMENTS

Clause 5.0

Replace last sentence of Clause 5.2 with the following:
The original signed agreement shall be held by the Employer

Replace Clause 5.4 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

Replace Clause 5.5 with the following:
The parties may publish or disclose on any platform only the contract scope and contract amount

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

A6.0 EMPLOYER'S AGENTS

Clause 6.0

Replace Clause 6.5 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 shall appoint another principal agent and/or an agent

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

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

A7.0 DESIGN RESPONSIBILITY

Clause 7.0

Replace first sentence of Clause 7.2 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

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

INSURANCES AND SECURITIES

A8.0 WORKS RISK

Clause 8.0

Replace Clause 8.4 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

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

A9.0 **INDEMNITIES**

Clause 9.0

Add the following to the end of the first sentence of Clause 9.2.7:

".... due to no fault of the contractor

9.2.9 No Clause

9.2.10 No Clause

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.

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

A10.0 **INSURANCES**

Clause 10.0

Replace Clause 10.1 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 contractors obligations after the date of practical completion [8.2.2]

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

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 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

SECTION 1: PRELIMINARIES (SECTION A)

Each Item Carried to Collection

10.1.5.1.3 Replace Clause with the following:

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.

10.1.5.1.4 Replace Clause with the following:

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**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

F:.....

V:.....

T:.....

Item

A11.0

SECURITIES**Add the following as to the relevant related Clauses as follows:****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 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 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 mutatis mutandis 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****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

SECTION 1: PRELIMINARIES (SECTION A)**Each Item Carried to Collection**

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

11.7 No Clause

11.8 No Clause

11.9 No Clause

11.10 No Clause

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:

Add the following as Clause 11.11.1:

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 fifteen (15) working days from commencement date. Failure to furnish the employer with a cash deposit within fifteen (15) working days Clause 11.4 will apply mutatis mutandis.

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 Clause 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.

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) and refund the balance to the contractor

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) and refund the balance to the contractor.

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.

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.

Add the following as Clause 11.12:

Where security as a variable construction guarantee of ten per cent (10%) of the contract sum (excluding VAT) has been selected:

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 mutatis mutandis.

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.

SECTION 1: PRELIMINARIES (SECTION A)

Each Item Carried to Collection

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.

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.

Add the following as Clause 11.13:

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:

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).

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.

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.

Add the following as Clause 11.13.4:

The payment reduction of the value certified in a payment certificate shall be mutatis mutandis in terms of 25.12.1 - 25.12.5.

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.

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:

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 commencement date. Failure to submit a cash deposit within fifteen (15) working days Clause 11.4 will apply mutatis mutandis.

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.

Add the following as Clause 11.14.4:

The payment reduction of the value certified in a payment certificate shall be mutatis mutandis in terms of 25.12.1 - 25.12.5.

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.

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.

SECTION 1: PRELIMINARIES (SECTION A)**Each Item Carried to Collection**

Add the following as Clause 11.15.1:

The payment reduction of the value certified in a payment certificate shall be mutatis mutandis in terms of 25.12.6 to 25.12.10.

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.

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.

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).

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

Item

EXECUTION**A12.0 OBLIGATIONS OF THE PARTIES**

Clause 12.0

12.1.1 No Clause

Replace Clause 12.1.5 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

Replace Clause 12.2.2 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

Replace Clause 12.2.5 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]

Replace Clause 12.2.13 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

Add the following as Clause 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)

SECTION 1: PRELIMINARIES (SECTION A)

Each Item Carried to Collection

Add the following as Clause 12.2.23:

The contractor shall within reasonable time inform the agents regarding inspection of the works before covering / closing [B 12.0]

Offices

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 [12.2.18]

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

Main notice board

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 [12.2.18]

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

A13.0 SETTING OUT

Clause 13.0

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

A14.0 NOMINATED SUBCONTRACTORS

Clause 14.0

Ref Clause 6.7 [CD] - Clause 14.1.4

14.1.5 No Clause

Replace "principal agent " with "employer" [6.7 [CD]] in Clause 14.4.1

Ref Clause 6.7 [CD] - Clause 14.6

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

A15.0 SELECTED SUBCONTRACTORS

Clause 15.0

Ref Clause 6.7 [CD] - Clause 15.1.4 & Clause 15.5

15.1.5 No Clause

SECTION 1: PRELIMINARIES (SECTION A)

Each Item Carried to Collection

Replace Clause 15.1.2 with the following:

The principal agent shall call for tenders from a list of tenderers agreed between the contractor and the employer

Replace "principal agent" with "employer" [6.7 [CD]] in Clause 15.4.1

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

Item

A16.0 **DIRECT CONTRACTORS**

Clause 16.0

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

Item

A17.0 **CONTRACT INSTRUCTIONS**

Clause 17.0

Replace Clause 17.4 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

Add the following clause 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.

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

Item

COMPLETIONA18.0 **INTERIM COMPLETION**

Clause 18.0

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

N/A

A19.0 **PRACTICAL COMPLETION**

Clause 19.0

Replace Clause 19.5 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

Add the following as Clause 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

SECTION 1: PRELIMINARIES (SECTION A)

Each Item Carried to Collection

certificate of Works Completion to the contractor with a copy to the employer

(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)

(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:

(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

(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

(4) Should the works completion list not be completed to the satisfaction of the employer within a period of twenty one (21) working days of the issue first works completion list the contractor shall be liable to a daily penalty as described in B12.0

(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).

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

A20.0 COMPLETION IN SECTIONS

Clause 20.0

Add the following as Clause 20.2.1.A
A certificate of Works Completion [19.8]

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

A21.0 DEFECTS LIABILITY PERIOD AND FINAL COMPLETION

Clause 21.0

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)

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

And/or

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:

SECTION 1: PRELIMINARIES (SECTION A)

Each Item Carried to Collection

- (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
- (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

21.6.1 Omit Clause

21.6.2 Omit Clause

Add the following as Clause 21.13:

The ninety (90) calendar days defects liability period for the works [21.1] is replaced with an extended defects liability period of three hundred and sixty-five (365) calendar days in respect of the listed applicable elements in B14

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]

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

A22.0 LATENT DEFECTS LIABILITY PERIOD

Clause 22.0

22.3.2 No Clause

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

A23.0 REVISION OF THE DATE FOR PRACTICAL COMPLETION

Clause 23.0

Ref Clause 6.7 [CD] – Clause 23.1

Ref Clause 6.7 [CD] – Clause 23.2

23.2.13 No Clause

Replace Clause 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]

Ref Clause 6.7 [CD] - Clause 23.7

Ref Clause 6.7 [CD] - Clause 23.8

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

A24.0 PENALTY FOR LATE OR NON-COMPLETION

Clause 24.0

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 [CD], or the revised applicable completion date,

SECTION 1: PRELIMINARIES (SECTION A)

Each Item Carried to Collection

the contractor shall be liable to the employer for the penalty [CD]

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 [CD], or the revised date for practical- works-, or final- completion, up to and including the earlier of:

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]

F:.....

V:.....

T:.....

Item

PAYMENT

A25.0

PAYMENT

Clause 25.0

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

Add the following to Clause 25.3:

25.3.12 Monthly Local content report,

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)

25.3.14 Tax Invoice

25.3.15 Labour intensive report

25.3.16 Contract participation goal reports

25.5 No Clause

Replace Clause 25.6 with the following:

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.

25.7.5 No clause.

Replace Clause 25.10 with the following:

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, invoice and all other substantiating documentation for items certified in the payment certificate

Replace Clauses 25.12 to 25.12.3 with the following:

The value certified shall be subject to the following percentage adjustments :

(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])

SECTION 1: PRELIMINARIES (SECTION A)

Each Item Carried to Collection

Clauses 25.12.1 to 25.12.5 shall be applicable)

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:

25.12.2 Ninety-five per cent (95%) of such value in interim payment certificates issued up to the date of practical completion

25.12.3 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

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

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.

(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]))

25.12.6 Where security is a payment reduction in term of C 1.0 Option C, 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:

25.12.7 Ninety per cent (90%) of such value in interim payment certificates issued up to the date of practical completion

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

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

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

F:.....
Item

V:.....

T:.....

A26.0 ADJUSTMENT OF THE CONTRACT VALUE AND FINAL ACCOUNT

Clause 26.0

Ref Clause 6.7 [CD] – Clause 26.1

Omit Clause 26.4.3

Ref Clause 6.7 [CD] – Clause 26.7

Replace Clause 26.10 with the following:

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

Ref Clause 6.7 [CD] – Clause 26.12

SECTION 1: PRELIMINARIES (SECTION A)

Each Item Carried to Collection

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

A27.0 RECOVERY OF EXPENSE AND/OR LOSS

Clause 27.0

Replace Clause 27.1.2 with the following:
Interest due to late payment only

Replace Clause 27.1.4 with the following:
Interest due to late payment only

27.1.5 No Clause

Replace Clause 27.5 with the following:
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

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

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

SUSPENSION AND TERMINATION

A28.0 SUSPENSION BY THE CONTRACTOR

Clause 28.0

- 28 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

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

A29.0 TERMINATION

Clause 29.0

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

SECTION 1: PRELIMINARIES (SECTION A)

Each Item Carried to Collection

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

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.

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]

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

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

SECTION 1: PRELIMINARIES (SECTION A)**Each Item Carried to Collection**

29.27 No Clause

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

DISPUTE RESOLUTION

A30.0

DISPUTE RESOLUTION

Clause 30.0

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

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

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

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

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

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

Item

R

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SECTION 1: PRELIMINARIES (SECTION A)

Effective date: 8 July 2022

Each Item Carried to Collection

Version 2022/03

SECTION B: GENERAL PRELIMINARIES

B1.0	DEFINITIONS AND INTERPRETATION			
B1.1	Definitions			
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B1.2	Interpretation			
	F:..... Item	V:.....	T:.....	
B2.0	DOCUMENTS			
B2.1	Checking of documents			
	F:..... Item	V:.....	T:.....	
B2.2	Provisional bills of quantities			
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B2.3	Availability of construction information			
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B2.4	Ordering of materials and goods			
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B3.0	PREVIOUS WORK AND ADJOINING PROPERTIES			
B3.1	Previous work - dimensional accuracy			
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B3.2	Previous work - defects			
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B3.3	Inspection of adjoining properties			
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B4.0	THE SITE			
B4.1	Handover of site in stages			
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B4.2	Enclosure of the works			
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B4.4	Encroachments			
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B4.5	Existing premises occupied			
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B4.6	Services - known			
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B5.0	MANAGEMENT OF CONTRACT			
B5.1	Management of the works			
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B5.2	Progress meetings			
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B5.3	Technical meetings			
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B6.0	SAMPLES, SHOP DRAWINGS AND MANUFACTURER'S INSTRUCTIONS			
B6.1	Samples of materials			
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B6.2	Workmanship samples			
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B6.3	Shop drawings			
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B6.4	Compliance with manufacturer's instructions			
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B7.0	DEPOSITS AND FEES			

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B7.1	Deposits and fees			
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B8.2	Electricity			
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B8.3	Ablution and welfare facilities			
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B9.0	PRIME COST AMOUNTS			
B9.1	Responsibility for prime cost amounts			
	F:..... Item	V:.....	T:.....	
B10.0	ATTENDANCE ON SUBCONTRACTORS			
B10.1	General attendance			
	The contractor shall at his own expense provide the following general attendance on the subcontractors:			
	Access to the site and places where the subcontract work is to be carried out, including the reasonable use of any temporary personnel hoists erected by the contractor			
	The provision of water and lighting and single phase electric power to a position within 50 metres of the place where the subcontract work is to be carried out but excluding water, fuel and power for commissioning of any installation			
	The provision of an area for the subcontractor to establish temporary office accommodation and workshops and for the storage of plant and materials			
	The use of erected scaffolding belonging to the contractor, in common with others having the like right, while it remains erected on the site			
	The use, at reasonable times by arrangement of the contractor's erected hoisting equipment			
	F:..... Item	V:.....	T:.....	

SECTION 1: PRELIMINARIES (SECTION B)**Each Item Carried to Collection**

Item

B10.2	Special attendance			
	F:..... Item	V:.....	T:.....	
B11.0	GENERAL			
B11.1	Protection of the works			
	F:..... Item	V:.....	T:.....	
B11.2	Protection/isolation of existing works and works occupied in sections			
	F:..... Item	V:.....	T:.....	
B11.3	Security of the works			
	F:..... Item	V:.....	T:.....	
B11.4	Notice before covering work			
	F:..... Item	V:.....	T:.....	
B11.5	Disturbance			
	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			
	F:..... Item	V:.....	T:.....	
B11.6	Environmental disturbance			
	F:..... Item	V:.....	T:.....	
B11.7	Works cleaning and clearing			
	F:..... Item	V:.....	T:.....	
B11.8	Vermin			
	F:..... Item	V:.....	T:.....	
B11.9	Overhand work			
	F:..... Item	V:.....	T:.....	

SECTION 1: PRELIMINARIES (SECTION B)

Each Item Carried to Collection

Item

R

c

B11.10 Tenant installations

F:.....
Item

V:.....

T:.....

B11.11 Advertising

F:.....
Item

V:.....

T:.....

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

C1.0 CONTRACT DRAWINGS

* Select relevant paragraph and delete whichever is not applicable depending on whether the contract is based on a **bills of quantities** or lump sum document

* 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

* A full set of drawings is issued with the tender documents indicating the full 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:..... T:.....
Item

C2.0 PREAMBLES

The document "Construction Works: Specifications: General Specification (PW371-A) Edition 2.1" 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 2.2" 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

C3.0 TRADE 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

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)

Notwithstanding any provisions elsewhere regarding the adjustment of contract prices, the

**SECTION 1: PRELIMINARIES (SECTION C)
Collection****Each Item Carried to**

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:..... T:.....
Item

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

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

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

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

C8.0 SECURITY CHECK OF PERSONNEL

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**

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

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

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

C10.0 HIV/AIDS AWARENESS

SECTION 1: PRELIMINARIES (SECTION C) Collection

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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

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 25.0 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

C10.1 AWARENESS CHAMPION

Selection, appointment, briefing and making available of an Awareness Champion including provision of all relevant services, all in accordance with the HIV/AIDS Specification

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

C10.2 AWARENESS WORKSHOPS

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

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

C10.3 POSTERS, BOOKLETS, VIDEOS, ETC.

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

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

C10.4 ACCESS TO CONDOMS

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

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

SECTION 1: PRELIMINARIES (SECTION C)
Collection

Each Item Carried to



Item

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 A25.0 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

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

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 / lump sum document**

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 / lump sum document**

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

Separate items which will be subject to remeasurement have been included elsewhere in these **bills of quantities / lump sum document** 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

C13.0 IMPLEMENTATION OF LABOUR-INTENSIVE INFRASTRUCTURE PROJECTS UNDER THE

SECTION 1: PRELIMINARIES (SECTION C)
Collection

Each Item Carried to

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)"

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

**SECTION 1
PRELIMINARIES
COLLECTION**

Item	Page	AMOUNT	
		R	c
SECTION A: PRINCIPAL BUILDING AGREEMENT			
Interpretation			
A1.0	Definitions and interpretation	2	
A2.0	Law, regulations and notices	2	
A3.0	Offer and acceptance	2	
A4.0	Cession and assignment	2	
A5.0	Documents	2	
A6.0	Employer's agents	2	
A7.0	Design responsibility	3	
Insurances and securities			
A8.0	Works risk	3	
A9.0	Indemnities	3	
A10.0	Insurances	3	
A11.0	Securities	3	
Execution			
A12.0	Obligations of the parties	3	
A13.0	Setting out	4	
A14.0	Nominated subcontractors	4	
A15.0	Selected subcontractors	4	
A16.0	Direct contractors	4	
A17.0	Contract instructions	4	
Completion			
A18.0	Interim completion	4	N/A
A19.0	Practical completion	4	
A20.0	Completion in sections	4	
A21.0	Defects liability period and final completion	4	
A22.0	Latent defects liability period	5	
A23.0	Revision of the date for practical completion	5	
A24.0	Penalty for late and non-completion	5	
Payment			
A25.0	Payment	5	
A26.0	Adjustment of the contract value and final account	5	
A27.0	Recovery of expense and/or loss	5	
		Carried forward R	

SECTION 1: PRELIMINARIES: COLLECTION

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A28.0	Suspension by the contractor	5	
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Dispute resolution			
A30.0	Dispute resolution	5	
SECTION B: GENERAL PRELIMINARIES			
B1.0 Definitions and interpretation			
B1.1	Definitions	6	
B1.2	Interpretation	6	
B2.0 Documents			
B2.1	Checking of documents	6	
B2.2	Provisional bills of quantities	6	
B2.3	Availability of construction information	6	
B2.4	Ordering of materials and goods	6	
B3.0 Previous work and adjoining properties			
B3.1	Previous work - dimensional accuracy	6	
B3.2	Previous work - defects	6	
B3.3	Inspection of adjoining properties	6	
B4.0 The site			
B4.1	Handover of site in stages	6	
B4.2	Enclosure of the works	6	
B4.3	Geotechnical and other investigations	6	
B4.4	Encroachments	6	
B4.5	Existing premises occupied	7	
B4.6	Services - known	7	
B5.0 Management of contract			
B5.1	Management of the works	7	
B5.2	Progress meetings	7	
B5.3	Technical meetings	7	
B6.0 Samples, shop drawings and manufacturer's instructions			
B6.1	Samples of materials	7	
B6.2	Workmanship samples	7	
B6.3	Shop drawings	7	
B6.4	Compliance with manufacturer's instructions	7	

SECTION 1: PRELIMINARIES: COLLECTION

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Item		Carried forward R	Brought forward R	R	c
B7.0	Deposits and fees				
B7.1	Deposits and fees	7			
B8.0	Temporary services				
B8.1	Water	7			
B8.2	Electricity	7			
B8.3	Ablution and welfare facilities	7			
B8.4	Communication facilities	8			
B9.0	Prime cost amounts				
B9.1	Responsibility for prime cost amounts	8			
B10.0	Attendance on subcontractors				
B10.1	General attendance	8			
B10.2	Special attendance	8			
B11.0	General				
B11.1	Protection of the works	8			
B11.2	Protection/isolation of existing works and works occupied in sections	8			
B11.3	Security of the works	8			
B11.4	Notice before covering work	8			
B11.5	Disturbance	9			
B11.6	Environmental disturbance	9			
B11.7	Works cleaning and clearing	9			
B11.8	Vermin	9			
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B11.10	Tenant installations	9			
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	SECTION C: SPECIFIC PRELIMINARIES				
C1.0	Contract drawings	10			
C2.0	Preambles	10			
C3.0	Trade names	10			
C4.0	Imported materials and equipment	10			
C5.0	Viewing the site in security areas	11			
C6.0	Commencement of works in security areas	11			
C7.0	Entrance permits to security areas	11			
C8.0	Security check of personnel	11			
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SECTION 1: PRELIMINARIES: COLLECTION

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Item
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SECTION No 1

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PRELIMINARIES

Total

Quantity

Amount

Item

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R

Section No. 1
Bill No. 1
Preliminaries

Item No		Quantity	Rate	Amount
	<p><u>SECTION 2</u></p> <p><u>BILL NO. 1</u></p> <p><u>ALTERATIONS</u></p> <p><u>NOTE:</u> Tenderers are advised to study the Model Preambles for Trades before pricing this bill</p> <p>Tenderers are advised to study the Department of Public Works - Construction works: General Specification (PW371-A) and Construction works: Particular Specification (PW371-B) before pricing this bill</p> <p>-----</p> <p><u>DESIGN:</u></p> <p>The basement excavation, parking, kerbing, paving, water supply, fire supply, soil drainage and stormwater drainage have been designed by HATCH Consulting Engineers.</p> <p><u>TEMPORARY FENCING</u></p> <p><u>External Temporary Fencing</u></p>			
1	Provide and erect temporary stout barrier fencing at least 2700mm high, consisting of new or suitable second hand mesh material fixed to poles at 3000mm centres placed in painted steel drums weighted down as required, to prevent access by the public to the area of the works, including maintaining in position as required and removing as and when directed.	m	350	
2	Extra over last for installing 40% shade cloth, including maintaining in position as required and removing as and when directed.	m	350	
3	Extra over last for temporary pedestrian entrance gate size 1500mm wide x 1800mm high, including maintaining in position as required and removing as and when directed.	No	1	
	Carried to Collection			R
	Section No. 2 Bill No. 1 ALTERATIONS			

4	Extra over last for temporary vehicle entrance gate size 5000mm wide x 1800mm high, including maintaining in position as required and removing as and when directed.	No	1
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REMOVAL OF EXISTING WORK

Demolish, Break Down, Take Down And Remove From Site

5	Allow for clearing and cleaning of the site of all rubbles, shrubs, grass, vegetation, debris and trees not exceeding 200mm girth etc, leave the site clean to the satisfaction of the Principal Agent.	m2	2 000
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Taking out and removing piping, sanitary fittings, etc, including cutting off as necessary, disconnecting piping from fittings and making good floor and wall finishes (making good tiling and paintwork elsewhere)

6	50mm Cast iron piping including fittings and brackets.	m	50
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Reinstate 2400mm high Steel mesh fence to new position

7	Steel fence.	m	60
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REMEDIAL WORK TO EXISTING

8	Hack open all cracks prepare and re plaster to a smooth uniform surface. Remove loose and peeling paint back to a firm edge by scraping, sanding or other suitable means. Feather the edges with 100 grit sandpaper and ensure surface is dust free. Surface to be dry, sound and clean and cured for a minimum of 14 days, with a moisture content measured with a Doser Hygrometer (or equivalent), of BD 2 scale- 8% or less. Primewith one coat Plascon Plaster Primer (UC 56)with an over coating time of 16 hours and finish with two coats Wall & All (WAA) with 2 hours drying time between coats, for a maintenance cycle of 6 years in a C3 - industrial environment.	m2	253
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PREPARATORY WORK TO EXISTING SURFACES

Carried to Collection

R

Section No. 2
 Bill No. 1
 ALTERATIONS

Clean existing window frames on the existing building, inspect for any damage, missing screws, etc and fix the problem accordingly to the satisfaction of the Principal Agent.

9	Window size 1511 x 1264mm high	No	4
10	Window size 1022 x 1264mm high	No	15
11	Window size 533 x 654mm high	No	4
12	Window size 2000 x 1264mm high	No	11
13	Window size 1022 x 949mm high	No	3
14	Window size 1000 x 1245mm high	No	1
15	Window size 1450 x 1245mm high	No	4
16	Window size 970 x 1700mm high	No	10
17	Window size 1612 x 2032mm high	No	3

Making good screed

18	Floors in patches	m2	325
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FILLING ETC OTHER THAN BULK

19	Backfilling or closing down of trenches, holes, etc	m3	123
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OPENINGS THROUGH EXISTING WALLS ETC

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

20	Opening size 910 x 2032mm high.	No	1
21	Opening size 1800 x 2032mm high.	No	1

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Section No. 2
 Bill No. 1
 ALTERATIONS

R



CRIME INVESTIGATION FACILITY

Protective film

22	Apply protective film to door size 813 x 2032mm	m2	2
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REMEDIAL WORKS

EXTERNAL WORKS

Cleaning of Handrails

23	Stainless steel horizontal and raking balustrading consisting of 50mm diameter continuous top and bottom rails and 50mm diameter two ball stanchions	m	79
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Cleaning of facebrick

24	Clean existing facebrick on the existing building, inspect for any damage and fix the problem accordingly to the satisfaction of the Principal Agent.	m2	4 408
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25	Fill holes in face bricks with mortar, where security screens is fixed to walls in Cell block with chemical anchors.	No	50
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26	Remove Paint stains from existing facebrick wall	m2	23
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Touch up anodising on doors

27	On aluminium doors	m2	14
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Clean gutters & downpipes

28	Remove all marks and paint on fascias and barge boards on the existing building, inspect for any damage, missing screws, etc and fix the problem accordingly to the satisfaction of the Principal Agent.	m2	275
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Clean ceilings

29	Clean existing ceilings on the existing building, inspect for any damage, missing screws, etc and fix the problem accordingly to the satisfaction of the Principal Agent.	m2	500
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Carried to Collection

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30	Remove stain marks from external ceilings	m2	21
	<u>Clean drains and gullies</u>		
31	Cleaning of drains and to be kept clear and clean to avoid blockages for the duration of the contract	m	75
32	Cleaning of gullies	No	1
	<u>Close-off open holes</u>		
33	Backfilling to trenches and holes with filling supplied by the contractor levelled and compacted to the satisfaction of the Principal agent	m3	23
	<u>CELL BLOCK</u>		
	<u>COMPLETION OF WORKS</u>		
	<u>EXTERNAL WORKS</u>		
	<u>Making good finish</u>		
34	Exposed concrete beams	m2	153
35	Soffits of concrete slabs over cell doors.	m2	89
36	On concrete ceiling in security passage	m2	76
37	To Plaster	m2	217
	<u>REMEDIAL WORK TO EXISTING</u>		
38	Repair all cracked topping on seating benches prepare and re plaster to a smooth uniform surface.	m2	37
39	Repair cracks in cell walls	m2	24
	<u>Concrete bases</u>		
40	Lower concrete bases as per Principal Agent instruction	No	2
	<u>Sewer line</u>		
41	Arrange for inspection of sewer line in service ducts	m	51
42	25mpa cast in surface bed	m3	6

Carried to Collection

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Section No. 2
 Bill No. 1
 ALTERATIONS

<u>Leaking tap</u>				
43	Inspect and repair water tap between CSC and Cell Block	No	1	
<u>Cleaning of facebrick</u>				
44	Clean existing facebrick on the existing building, inspect for any damage and fix the problem accordingly to the satisfaction of the Principal Agent.	m2	831	
45	Fill holes in face bricks with mortar, where security screens fix to walls in Cell block with chemical anchors.	m	621	
<u>Realignment of Windows</u>				
46	Re-align cell windows	No	19	
<u>Removal and cleaning existing surfaces</u>				
47	Remove steel door size 1018 x 2020mm and set aside, clean up the welding and touch up and galvanised it and reinstall it in the same position.	No	7	
<u>Mesh security</u>				
48	Fixing of mesh security screens (security passage & service duct)	m2	76	
<u>Rectify skirting</u>				
49	Concave skirting	m	89	
<u>Removal of paving</u>				
50	Remove paving around offloading area	m2	38	
<u>Grille door</u>				
51	Grille door 1018 x 2020mm high	No	1	
<u>Removal of paint from floor</u>				
52	On grano floors	m2	236	
<u>Galvanised Screens</u>				
53	Repair / replace rusted galvanised screens	m2	63	
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R

<u>Close-up openings</u>		
54	Over service ducts as specified in Architect Drawings	No 4
<u>Clean and inspect drain</u>		
55	Inspect and clean blocked drain in passage to cell yards	m 51
<u>Changing prep bowl</u>		
56	Remove prep bowl to replace with the correct one (elsewhere measured)	No 1
<u>Vinyl tiles</u>		
57	Remove vinyl tiles in line up and viewing area	m2 46
<u>EXISTING SERVICE POINT (CSC)</u>		
<u>REMEDIAL/ EXTERNAL WORKS</u>		
<u>Cleaning of facebrick</u>		
58	Clean existing facebrick on the existing building, inspect for any damage and fix the problem accordingly to the satisfaction of the Principal Agent.	m2 2 134
59	Fill holes in face bricks with mortar, where security screens fix to walls in Cell block with chemical anchors.	m 321
<u>Taking out putty in windows and make good finish</u>		
60	Remove crumbling up window putty, replace with new and repaint	m2 21
<u>Removal of burglar proofing</u>		
61	Remove incorrect burglar proofing and replace with new as specified in the Architectural drawings	No 14
<u>BLOCK A</u>		
62	Repair damaged barge board	m 34
<u>NEW SINGLE QUARTERS</u>		

Carried to Collection

R

Section No. 2
 Bill No. 1
 ALTERATIONS

Cleaning of facebrick

63 Clean existing facebrick on the existing building, inspect for any damage and fix the problem accordingly to the satisfaction of the Principal Agent.

m2 1 002

64 Fill holes in face bricks with mortar, where security screens fix to walls in Cell block with chemical anchors.

m 273

Cleaning of fascia boards

65 Clean the back of fascia boards

m 121

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Section No. 2

Bill No. 1

ALTERATIONS

COLLECTION

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Section No. 2

Bill No. 1

ALTERATIONS

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Item No		Quantity	Rate	Amount
	<u>SECTION 2</u>			
	<u>BILL NO. 2</u>			
	<u>EARTHWORKS</u>			
	NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill			
	Tenderers are advised to study the Department of Public Works - Construction works: General Specification (PW371-A) and Construction works: Particular Specification (PW371-B) before pricing this bill			

	<u>EXCAVATION</u>			
1	Excavate in all materials and dispose of surplus/unsuitable material	m3	16	
	<u>Extra-over for excavation in:</u>			
2	Intermediate material	m3	2	
3	Hard rock material	m3	1	
	Carried Forward to Summary of Section No. 2			R
	Section No. 2			
	Bill No. 2			
	EARTHWORKS			

Item No	<u>SECTION 2</u>	Quantity	Rate	Amount
	<u>BILL NO. 3</u>			
	<u>CONCRETE, FORMWORK AND REINFORCEMENT</u>			
	NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill			
	Tenderers are advised to study the Department of Public Works - Construction works: General Specification (PW371-A) and Construction works: Particular Specification (PW371-B) before pricing this bill			
	<u>REINFORCED CONCRETE</u>			
	<u>30MPa/19mm concrete</u>			
1	Slabs including beams	m3	107	
2	Walls.	m3	31	
	<u>TEST CUBES</u>			
	<u>Test cubes</u>			
3	Making and testing 150 x 150 x 150mm concrete strength test cube	No	30	
	<u>ROUGH FORMWORK (DEGREE OF ACCURACY II)</u>			
	<u>Rough formwork to sides</u>			
4	Edges exceeding 300mm high	m	80	
	<u>SMOOTH FORMWORK (DEGREE OF ACCURACY I)</u>			
	Carried to Collection			
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R

<u>Smooth formwork to soffits</u>		
5	Slabs	m2 308
<u>Smooth Formwork To Sides, Edges, Risers, Etc.</u>		
6	Sides of walls not exceeding 3,5m high above bearing.	m2 112
<u>MOVEMENT JOINTS ETC</u>		
<u>Expansion joints with softboard between vertical concrete and brick surfaces</u>		
7	10mm joints not exceeding 300mm high or wide (Provisional)	m 68
<u>Mild steel reinforcement to structural concrete work</u>		
8	10mm Diameter bars.	t 0.30
9	16mm Diameter bars	t 0.40
<u>High Tensile Steel Bar Reinforcement To Structural Concrete Work</u>		
10	10mm Diameter bars.	t 0.44
11	12mm Diameter bars.	t 0.35
12	16mm Diameter bars.	t 0.21
13	20mm Diameter bars.	t 0.10

Carried to Collection

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 CONCRETE, FORMWORK AND REINFORCEMENT

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Section No. 2

Bill No. 3

CONCRETE, FORMWORK AND REINFORCEMENT

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Bill No. 3

CONCRETE, FORMWORK AND REINFORCEMENT

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	<u>SECTION 2</u>			
	<u>BILL NO. 4</u>			
	<u>MASONRY</u>			
	NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill			
	Tenderers are advised to study the Department of Public Works - Construction works: General Specification (PW371-A) and Construction works: Particular Specification (PW371-B) before pricing this bill			

	<u>BRICKWORK IN SUPERSTRUCTURE</u>			
	<u>Brickwork of NFX clay bricks (14 MPa nominal compressive strength) in 1:5 cement mortar</u>			
1	Piers	m3	5	
2	Half brick walls	m2	374	
3	Half brick walls in beamfilling	m2	174	
4	One and a half brick walls	m2	181	
5	One brick walls	m2	474	
	<u>Load-bearing brickwork of NFX clay bricks (14 MPa nominal compressive strength) in 1:5 cement mortar</u>			
6	One brick walls	m2	124	
	<u>BRICKWORK SUNDRIES</u>			
7	L-Shaped Concrete bench size 5617 long extreme x 600mm wide x 500mm high formed of one brick sides and filled in with compacted earth filling with 80mm thick 20Mpa concrete slab over, bench finished off on all exposed sides with cement plaster and top finished with grano with all exposed corners rounded.	No	2	
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	Bill No. 4			
	MASONRY			

<u>Turning pieces to lintels etc</u>		
8	115mm Wide turning pieces to lintels, etc	m 147
<u>Galvanised hoop iron cramps, ties, etc</u>		
9	32 x 1,6mm Roof tie 700mm long with one end embedded 300mm into brickwork and other end wrapped around timber truss and fixed to brickwork with four x 40mm long galvanised nails	No 138
<u>FACE BRICKWORK</u>		
<u>Buff Travertine face bricks (FBX) with a pointed with square recessed horizontal and vertical joints</u>		
10	Extra over brick work for face brick work	m2 189
11	Extra over brickwork for brick-on-edge header course lintel pointed on face and 110mm soffit	m 56
<u>Brick-on-edge header course copings, sills, etc Buff Travertine pointed with recessed joints on all exposed faces</u>		
12	Copings on top of one brick walls	m 65

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 MASONRY

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Bill No. 4

MASONRY

COLLECTION

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Bill No. 4

MASONRY

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Item No		Quantity	Rate	Amount
	<u>SECTION 2</u>			
	<u>BILL NO. 5</u>			
	<u>ROOF COVERINGS</u>			
	NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill			
	Tenderers are advised to study the Department of Public Works - Construction works: General Specification (PW371-A) and Construction works: Particular Specification (PW371-B) before pricing this bill			

	<u>ROOF COVERINGS</u>			
	<u>330 x 420mm 'Coverland Roman' or equal approved through colour concrete tiles nailed with non-corrosive tile nails to 38 x 38mm sawn softwood battens at 320mm centres, nailed an underlay of 150 micron polyethylene sheeting in accordance with SANS 952 Type E fixed to rafters under battens with minimum laps of 150mm</u>			
1	Roof covering with pitches not exceeding 25 degrees	m2	199	
2	Ridges of tiles to match roofing tiles, bedded and pointed in 1:3 tinted cement mortar to match tile colour	m	69	
3	Hips of tiles to match roofing tiles, bedded and pointed in 1:3 tinted cement mortar to match tile colour	m	27	
	<u>CLOSURE, ETC</u>			
	<u>Approved poly closures, etc</u>			
4	Closed cell polyethylene broad flute poly closures raking at valleys or hips	m	20	
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	Bill No. 5			
	ROOF COVERINGS			

Item
No

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SECTION No 2

Bill No 6

WATERPROOFING

NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill

Tenderers are advised to study the Department of Public Works - Construction works: General Specification (PW371-A) and Construction works: Particular Specification (PW371-B) before pricing this bill

WATERPROOFING TO WALLS

Prices must include for all laps, cutting and waste, and for ensuring that all surfaces are free from dust and grit

Gradings and screeds are measured separately

"Coprox" membrane or equal approved 4mm thick polyester dual reinforced fill bonded waterproofing system finished with two coats bituminous aluminium paint, with a 10 year maintenance free guarantee all in accordance with the materials supplied and methods recommended by Derbiquum South Africa (Pty) Limited

1	To Shower walls	m2	3	
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WATERPROOFING TO WALLS, FLOORS ETC

4mm "Derbiquum SP" fully bonded waterproofing

2	Vertical and horizontal surfaces of plastered brickwork and concrete beam.	m2	131	
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Bill No. 6
WATERPROOFING

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Item No	SECTION 2	Quantity	Rate	Amount
	BILL NO. 7			
	CARPENTRY AND JOINERY			
	NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill			
	Tenderers are advised to study the Department of Public Works - Construction works: General Specification (PW371-A) and Construction works: Particular Specification (PW371-B) before pricing this bill			
	EAVES, VERGES, ETC			
	Sawn softwood			
1	38 x 114mm approved softwood wall plate fixed with galvanised wire anchors built into wall	m	48	
	"Everite FC77" pressed fibre-cement or equally approved			
2	225 x 15mm Fascia and barge boards including galvanised steel H-profile jointing strips	m	78	
	SKIRTING, ETC			
	Wrought meranti			
3	19 x 70mm Skirting including 25mm quadrant bead, nailed	m	483	
	DOORS			
	Purpose made solid meranti T & G hardwood door with flush back and concealed hardwood edges to fit in door frame			
4	40mm Door 813 x 1200mm high	No	1	
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5	40mm Door 813 x 1412mm high	No	1
6	40mm Door 813 x 2032mm high	No	5
7	40mm Door 1412 x 2100mm high	No	2
8	40mm Door 1613 x 2100mm high	No	3
<u>Wrought meranti doors hung to steel frames</u>			
9	40mm Framed batten door 813 x 2032mm high filled in with 20 x 75mm tongued and grooved V-jointed one side vertical boarding with tongued and grooved joints to top rail and stiles and with inner edges of framing and abutting hardwood edges of boarding chamfered to form V-joint and with flush backing on one side and vent panel size 600 x 750mm high (elsewhere measure) set at 300mm from bottom of door	No	4
<u>Hollow core flush doors with 3.2mm tempered hardwood covering on both sides with concealed hardwood edge, hung to steel frames</u>			
10	40mm Door 813 x 2032mm high	No	6
<u>Semi-solid chipcore flush doors with 3.2mm tempered hardboard covering on both sides with concealed hardwood edge, hung to steel frames</u>			
11	40mm Door 813 x 2032mm high	No	34
<u>Wrought Meranti strips</u>			
12	Weather strips fixed to doors	m	82
<u>DUCT COVERS</u>			
<u>Closing of drainage pipes alcove's with 38 x 38 SA Pine branderling (painted matt black) on either side of the alcove and 10mm fascia boards screwed to the branderling at 450 centres ensuring the finished face of the fascia board is flush with the face brickwork</u>			
13	Closure of 250mm wide x 4850mm high pipes alcove	No	6

JOINERY FITTINGS, ETC

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Section No. 2
 Bill No. 7
 CARPENTRY AND JOINERY

<u>'Rustenburg' granite or equal approved</u>		
14	32mm Thick x 900mm long x 600mm wide granite vanity top mounted on mild steel tubing support frame and including making holes for drop-in basins	No 13
15	32mm Thick x 4040mm long x 750mm wide granite counter top mounted on top of brickwall with and including 60mm diameter cable slot fixed in position as indicated in the Architect drawings no 014335/B13	No 1
16	32mm Thick x 1300 x 500mm serving hatch worktop mounted on mild steel tubing support frame	No 2
<u>The Following In Joinery Fittings To Tea Kitchen with Melamine finish, with sides, division, handles, LG64 (Drawings 25724/A/6100)</u>		
17	Floor cupboard size 600mm long x 600mm wide x 900mm high overall.	No 1
18	Floor cupboard size 900mm long x 600mm wide x 900mm high overall.	No 1
19	Floor cupboard size 1200mm long x 600mm wide x 900mm high overall, including cut-out for sink (Sink elsewhere measured).	No 1
20	Floor cupboard size 1200mm long x 800mm wide x 900mm high overall, including cut-out for sink (Sink elsewhere measured).	No 1
21	Cleaner Wall cupboard size 600mm long x 550mm wide x 2500mm high overall.	No 1
<u>Wrought saligna</u>		
22	458mm wide bench formed of 92 x 20mm Slats, screwed to x 1.6mm powder coated mild steel tubing brackets at 600mm maximum centres with and including 8 x 38mm vandal resistant lag screws	m 41
<u>NOTICE BOARDS, KEYBOARDS, ETC</u>		
<u>"Vitrex" or other equal and approved vitreous enamelled writing boards, etc. to SABS CSK - 36 - 1980</u>		
23	Pinning boards code 2304 1000 x 1500mm high fixed to brickwork	No 8
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24	Pinning boards code 2314 size 1000 x 1000mm high fixed to brickwork	No	20
<u>WHITEBOARD</u>			
25	Wall Mounted Non-Magnetic drywipe whiteboard, size 1000 x 1500mm including easy rail system for two (2) boards.	No	1
<u>COUNTERS, ETC.</u>			
26	DPO counter bars size 1920 x 2975mm high overall fixed in accordance with details and specification consist Of 12mm diameter round bars welded into 32 x 32mm square tubing framework at 80mm c/c fixed to sides with lugs and 8mm anchor bolts fixed on counter size 1920 x 967mm high formed of 32mm polished granite top with bull nose on both sides, with 20mm varnished laminated shelves anchored with 50 x 50 x 3mm mild steel angle. (as per Architect Drawings no 014335/B13)	No	1
27	50 x 400mm dia hardwood seat on 100dia x 3mm painted mild steel pipe with 300 diam x 6mm top flange and 300 x 300 x 6mm bottom flange bolted on floor with m12 expansion bolts, screwed to base with 6 x 40mm long wood screws, with 15mm radius top edges	No	5

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 CARPENTRY AND JOINERY

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Bill No. 7

CARPENTRY AND JOINERY

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Bill No. 7

CARPENTRY AND JOINERY

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Item No	<u>SECTION 2</u>	Quantity	Rate	Amount
	<u>BILL NO. 8</u>			
	<u>CEILINGS, PARTITIONS AND ACCESS FLOORING</u>			
	<u>NOTE:</u> Tenderers are advised to study the Model Preambles for Trades before pricing this bill			
	Tenderers are advised to study the Department of Public Works - Construction works: General Specification (PW371-A) and Construction works: Particular Specification (PW371-B) before pricing this bill			

	<u>CEILING TIMBERS, BEADS, INSULATION, ETC</u>			
	<u>NAILED-UP CEILINGS</u>			
	<u>4mm Fibre-cement plain ceiling boards</u>			
1	Ceilings including 38 x 38mm sawn softwood branding at 400mm centres generally in one direction and 38 x 38mm branders and cross branders at joints and edges of boards	m2	80	
	<u>SUSPENDED CEILINGS</u>			
	<u>1200 x 600 x 12,5mm White vinylclad gypsum ceiling panels or other equal approved tiles on pre-painted expose teet suspension system including main and cross tees, necessary hangers, grids, etc</u>			
2	Ceilings suspended not exceeding 1m below concrete slap	m2	149	
3	Ceilings suspended not exceeding 1m below steel or timber trusses	m2	150	
4	Extra over ceiling for opening for 50mm diameter downlighter	No	11	
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	Bill No. 8			
	CEILINGS, PARTITIONS AND ACCESS FLOORING			

5	Extra over ceiling for opening for 100mm diameter downlighter	No	6
6	Extra over ceiling for 350x 400mm opening for ventilation grille/air conditioning diffuser	No	6
<p><u>Secure interior laminate ceiling formed of 6mm interior grade high pressure solid core laminated sheets with white melamine finish fixed to 74 x 50mm SA battens at 610mm center in both directions</u></p>			
7	Extra over ceiling for 600x 600 x 5mm thick pressed steel trap door , hinged to open 180 degree onto ceiling, in 50x 50 x 3mm T- section steel frame	No	11
<p><u>Wrought meranti</u></p>			
8	20 x 76mm Cornices	m	10
<p><u>Standard prepainted cornices</u></p>			
9	25mm Shadow recess cornice plugged	m	811

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Section No. 2
 Bill No. 8
 CEILINGS, PARTITIONS AND ACCESS FLOORING

Section No. 2

Bill No. 8

CEILINGS, PARTITIONS AND ACCESS FLOORING

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Bill No. 8

CEILINGS, PARTITIONS AND ACCESS FLOORING

Item No	<u>SECTION 2</u>	Quantity	Rate	Amount
	<u>BILL NO. 9</u>			
	<u>FLOOR COVERINGS</u>			
	<u>NOTE:</u> Tenderers are advised to study the Model Preambles for Trades before pricing this bill			
	Tenderers are advised to study the Department of Public Works - Construction works: General Specification (PW371-A) and Construction works: Particular Specification (PW371-B) before pricing this bill			
	<u>FLOOR COVERINGS, WALL LININGS, ETC</u>			
	<u>2.5mm Thick 'Marley' or other equally approved washable vinyl tiles laid in accordance with the manufactures instructions on screeds or plaster(screeds and plaster elsewhere measured)</u>			
1	On floors	m2	102	
	<u>500x 500mm Type heavy commercial grade carpet tiles to manufacturer's specifications</u>			
2	On floors	m2	5	
	<u>POLISH, SEALERS, ETC</u>			
	<u>Polish, Sealers, etc.</u>			
3	Three coats water based floor dressing	m2	102	
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	Section No. 2 Bill No. 9 FLOOR COVERINGS			

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SECTION 2

BILL NO. 10

IRONMONGERY

NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill

Tenderers are advised to study the Department of Public Works - Construction works: General Specification (PW371-A) and Construction works: Particular Specification (PW371-B) before pricing this bill

CATCHES, CABIN HOOKS, ETC.

- | | | | |
|---|--|----|---|
| 1 | Erebus or equal approved heavy duty adjustable roller bolt | No | 2 |
| 2 | Halstead or equal approved 100mm Ref 166 satin chrome cabin hook | No | 7 |

LOCKS

'Union' or other equal approved suitable for master keying/grand master

- | | | | |
|---|--|----|----|
| 3 | Union L-2241-78SS oval cylinder upright commercial lock case | No | 6 |
| 4 | Union 21314-76CH bathroom WC dead lock | No | 21 |

Manufactured by Dorma or equal approved

- | | | | |
|---|---|----|---|
| 5 | Ref DMWC-SS-008 bathroom lockset with striking plate fixed to metal | No | 1 |
| 6 | Ref DO2725 25mm Backset narrow stile stainless steel three-lever deadlock | No | 3 |

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Bill No. 10
IRONMONGERY

7	Ref D036S Euro-profiled cylinder stainless steel sash lock	No	36
8	Ref D037D Euro-profiled cylinder stainless steel dead lock	No	5
9	Ref DDC 106501 Nickel plated 65mm ten pin euro-profiled master keyed double cylinder deadlock	No	27
10	Ref DKC 106501 Nickel plated 65mm ten pin euro-profiled master keyed double cylinder deadlock	No	2
11	Master key	No	3
12	Ref SH875 Stainless steel furniture on 150 x 75mm backplate	Pairs	36.0
13	150 x 19mm Ref DPH301C stainless steel 'D' shaped straight back to back flush handle	Pairs	2.0
14	Keytek Magnetic lock suitable for Steel and wooden fireproof door	Pairs	1.0

HANDLES

Manufactured by Dorma or equal approved

15	150 x 19mm Ref DPH301C stainless steel 'D' shaped straight bolt through pull handle	Pairs	9.0
16	79mm Ref DWC stainless steel WC indicator turn knob for the physically challenged	Pairs	1.0

PUSH PLATES AND KICK PLATES

Manufactured by Dorma or equal approved

17	Ref DKP-SS-160 150 x 75 x 0.9mm brushed finished stainless steel push plate	No	8
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DOOR CLOSERS

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 Bill No. 10
 IRONMONGERY

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<u>Manufactured by Dorma or equal approved</u>		
18	Ref BTS75V/EN2-5 variable spring strength, double action floor spring complete with 7510 stainless steel cover plate, 8021 bottom strap and 8062 top centre - Non hold open version	No 2
<u>LETTERS, NAMEPLATES, ETC.</u>		
<u>0.6mm Chromadek metal sheeting with vinyl logo and cut vinyl lettering fixed to substrate with self-tapping screws</u>		
19	750 x 500mm Building name sign	No 2
20	50 x 50 x 0.6mm Square brushed anodised Engraved aluminium ' Door number ' indicator plate	No 14
<u>'Dorma' or other equal approved stainless steel signs</u>		
21	150 x 150mm 'Running Man' (RH) fire escape indicator plate	No 8
22	150 x 150mm 'Direction Arrow' fire escape direction indicator plate	No 4
23	150 x 150mm 'FHR' fire hose reel indicator plate	No 2
24	150 x 150mm 'MALE SIGN' indicator plate	No 1
25	150 x 150mm 'FEMALE SIGN' indicator plate	No 1
26	150 x 150mm 'DISABLED PERSON' indicator plate	No 2
27	150 x 150mm 'FIRE EXTINGUISHER DCP' indicator plate	No 2
28	900 x 198mm 'FE' fire escape indicator plate	No 3
<u>"Vista MCFT" curved aluminium wall signs or equally approved with vinyl insert and vinyl cut lettering, including grey plastic end caps fixed to substrate with double sided tape</u>		
29	Type WF, size 250 x 58mm high	No 15
30	Type WF, size 350 x 78mm high	No 14

Carried to Collection

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Section No. 2
 Bill No. 10
 IRONMONGERY

BATHROOM FITTINGS

'Franke' or equal approved:

31 600mm Long x 55mm diameter chromium plated towel rail including end brackets.

No 5

'Nampak' or equal approved:

32 "Tissue Elite" liquid soap holder size 128 x 201mm high plugged.

No 3

"Chairman" or equal approved

33 32mm cranked stainless steel dog leg rail overall size 900mm with 70mm circular fixing flanges at each end, three times screwed with 8mm stainless steel countersunk screws to plugs with matching clips on flange cover plates fixed in position as indicated on the drawings.

No 2

34 32mm diameter cistern back rail stainless straight long leg rail overall size 750mm x 200mm with 70mm circular fixing flanges at each end, three times screwed with 8mm stainless steel countersunk screws to plugs with matching clips on flange cover plates fixed in position as indicated on the drawings.

No 2

'Union' or other equal approved

35 Union AL8722AS Anodised silver rubber tipped hat & coat hook

No 38

36 Franke (Suppliers code: TD350) or other approved wall mounting heavy duty stainless steel paper towel dispenser with surface satin finish, material thickness 14 gauge (2mm), complete closed casing held in place by a stainless steel rod fixed to the mounting plate and a security lock, loading capacity 400 to 600 piece paper depending on convolution, includes stainless steel screws and dowels.

No 12

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IRONMONGERY

37	Franke "RODAN" (Suppliers code: RODX310) or other approved satin finish stainless steel wall mounted touch free electronic warm air hand dryer for wall mounting, material thickness 1,2mm, infrared sensor activity for non-touch operation and sensor range adjustable from 100 to 300mm (Cable and plug not included).	No	
<u>SUNDRIES</u>			
<u>Dorma or other equal approved</u>			
38	Ref DDS-NP-018 Floor mounted door stop	No	63
39	Ref DHC-SS-031B Stainless steel heavy duty coat hook plugged	No	12
40	Stainless steel 1.2mm table size 2400 x 650mm wide	No	2
<u>SHELVES, ETC.</u>			
<u>Industrial type shelving with power coated mild steel</u>			
41	25mm thick hardwood top finish and varnish with 2x polyurethane varnish fixed to bracket with 30mm x 6 No self tapping Screws	m	20
42	Ditto, 250 x 250mm mild steel shelf support	No	3
<u>Greenfield or equal approved proprietary type steel shelving with standard powder coated finish</u>			
43	914 x 762mm Ref G3 shelf	No	13
<u>STEEL LOCKERS</u>			
<u>LOUVRE</u>			
44	Purpose made louvre vent approximately 1300mm x 1300mm high fixed to frame door size 1525 x 2438mm.	No	1
45	Internal aluminium louve grille coated with a white epoxy powder finish. Telescopic galvanised steel wall liner Adjustable from 230mm to 390mm to suit most walls, with a cut-out for concealed cable entry. External grey polypropylene louvre shutter, to prevent outside air entering the building. The louvre is opened by the airflow when the fan starts. IP55 terminal box for easy wiring	No	8

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Section No. 2
 Bill No. 10
 IRONMONGERY

SHELVING

Industrial type shelving with power coated mild steel

46 25mm thick hardwood top finish and varnish with 2x polyurethane varnish fixed to 250 x 250mm steel bracket shelf support with 30mm x 6 No self tapping Screws

m

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IRONMONGERY

Section No. 2

Bill No. 10

IRONMONGERY

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Bill No. 10

IRONMONGERY

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SECTION 2

BILL NO. 11

METALWORK

NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill

Tenderers are advised to study the Department of Public Works - Construction works: General Specification (PW371-A) and Construction works: Particular Specification (PW371-B) before pricing this bill

SUNDRY GALVANISED STEELWORK

The following galvanised steel to secure overhead mesh to exercise yard

1	Mentex 70 mesh or equal approved laid into 50 x 50 x 5mm Angle iron frame in units 1020mm wide x 2500mm max length. Mesh welded into frame and sandwiched between second frame .40 x 40 x 3mm Angle welded to mesh and main frame frames exceeding 1800m	m2	51	
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PRESSED STEEL DOOR FRAMES

1.6mm Double Rebated frames suitable for half brick walls and provide with three heavy duty butt hinges, base ties, etc

2	Frames for door size 813 x 2032mm high	No	11	
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1.6mm Double Rebated frames suitable for one brickwalls and provide with three heavy duty butt hinges, base ties, etc

3	Frames for door size 813 x2032mm high	No	17	
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STEEL WINDOWS, DOORS, ETC

Carried to Collection

R

Section No. 2
Bill No. 11
METALWORK

Standard residential windows with 10 x 10mm mild steel solid square sections burglar bars at 100mm centres welded to inside of frame (opening and fixed sashes)

- | | | | |
|---|--|----|---|
| 4 | Window type NE5F, 533 x 654mm high (W3) | No | 3 |
| 5 | Window type NCTX7S, 1022 x 949mm high (W6) | No | 2 |

ALUMINIUM WINDOWS, DOORS, ETC

Bronze powder coated aluminium doors and frames as per 'Aluminium City Nuclip' system, complete with subframes, ironmongery, glass, sealing, etc and fixing to brickwork or concrete

- | | | | |
|---|--|----|---|
| 6 | Purpose made double door, 1613 x 2032mm high | No | 2 |
|---|--|----|---|

ALUMINIUM WINDOWS, DOORS, ETC

Hollow hot dipped galvanised metal ward cell doors, trellis gate and frame combination , the door 50mm thick overall and intermediate rails covered on both sides with 1,6mm reinforcements , lock cavity , lock cover plate, 1,6mm stainless steel plate, etc, door size 1100 x 2032mm, trellis gate size 1080 x 1990mm and 3mm thick mild steel plate type door frame all in accordance with PPOL 2006/D1, D3 and D4

- | | | | |
|---|--|----|---|
| 7 | Door, gate and frame overall size 1100 x 2210mm high with a combined mass of approximately 250kg | No | 2 |
|---|--|----|---|

THE FOLLOWING IN STEEL SECURITY GATES INCLUDING SETTING UP AND FIXING IN POSITION

White Epoxy Coated Expandable Trellis Door Security Gates By Specialist To Be Installed In Accordance With Manufacturer's Instructions

- | | | | |
|---|--|----|---|
| 8 | Purpose made swing open "Expanda Saftidor" or equally approved door type D19 size 2480 x 2100mm high overall with locking mechanism. | No | 1 |
|---|--|----|---|

Carried to Collection

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Section No. 2
 Bill No. 11
 METALWORK

Hollow hot dipped galvanised metal ward cell doors, trellis gate and frame combination, the door 50mm thick overall and intermediate rails covered on both sides with 1.6mm reinforcements, lock cavity, lock cover plate, 1.6mm stainless steel plate, etc, door size 1200 x 2032mm, trellis gate size 1080 x 1990mm and 3mm thick mild steel plate type door frame all in accordance with PPOL 2006/D1, D3 and D4

9	Standard size double ended telescopic strongroom ventilator	No	4
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STEEL RECORDROOM AND STRONGROOM DOORS, VENTILATORS, ETC

Heavy duty strong room doors

10	Category 2 (strongroom) door and frame 850 x 1860mm high overall x 127mm thick with an approximate mass of 540kg	No	1
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11	Category 2 (strongroom) door and frame 950 x 1860mm high overall x 127mm thick with an approximate mass of 540kg	No	2
----	--	----	---

STEEL FITTINGS, ETC

The following in epoxy powder coated pressed mild steel sheet metal shelving

12	Mild steel bars as light through on staircase consisting of three vertical bars welded to two horizontal bars built into brickwall overall size 450 x 1800mm high	No	5
----	---	----	---

Adjustable shelving

13	Adjustable shelving 2134mm high formed of five 450 x 1.2mm thick powder coated steel shelves fixed to and including powder coated steel wall bands at 600mm centres plugged to brick	m	12
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CELL WINDOWS AND SCREENS

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Cell windows:

14	Window size 850 x 950mm high overall with frame and three vertical mullions welded to and including 16 x 30mm manganese steel mullion 1250mm long, forming four sashes, two centre 206mm wide and the two outer sashes each 219mm wide hung to purpose made hin	No	2
----	---	----	---

Security screens:

15	Internal security screen size 850 x 950mm high overall comprising 40 x 40 x 5mm angle section framing, two horizontal and three vertical 40 x 5mm flat section stiffeners and filled in with and including Flatex 352 or other approved expanded metal screen welded on, including forming two handholes with 1mm sheet iron surrounds all sper detail drawings.	No	2
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Stainless Steel Bollards

16	150mm Diameter x 1200mm high x 7mm wall thickness, heavy duty 150 flat top polished 304 stainless steel bollard, 900mm above ground and casting 300mm into and including cement concrete (15MPa) base size 600 x 600 x 450mm and backfilling, compacting, etc.	No	4
----	--	----	---

WASHING LINES, DRIERS, ETC

Galvanised hoop iron cramps, ties, etc.

17	4mm Diameter galvanised steel wire in long lengths tightly drawn with ends wrapped around and fixed to straining eye bolts	m	25
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METALWORK

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METALWORK

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	<u>BILL NO. 12</u>			
	<u>PLASTERING</u>			
	NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill			
	Tenderers are advised to study the Department of Public Works - Construction works: General Specification (PW371-A) and Construction works: Particular Specification (PW371-B) before pricing this bill			
	<u>SCREEDS</u>			
	<u>3:1: Cement plaster screeds steel trowelled, on concrete</u>			
1	38mm Thick on floors and landings	m2	118	
	<u>GRANOLITHIC</u>			
	<u>Untinted granolithic, on concrete</u>			
2	25mm Thick on floors and landings to receive epoxy floor screed (epoxy floor screed elsewhere measured)	m2	102	
	<u>INTERNAL PLASTER</u>			
	<u>One coat 4:1 Cement plaster steel trowelled, on brickwork and small parts on concrete</u>			
3	On walls	m2	174	
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	Section No. 2 Bill No. 12 PLASTERING			

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SECTION 2

BILL NO. 13

TILING

NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill

Tenderers are advised to study the Department of Public Works - Construction works: General Specification (PW371-A) and Construction works: Particular Specification (PW371-B) before pricing this bill

FLOOR TILING

Mod light grey glazed porcelain floor tile size 600 x 600mm fixed with adhesive to screed (screed elsewhere) and flush pointed with (waterproof) jointing compound

1	On floors and landings	m2	60	
2	Skirting 100mm high	m	25	
3	On sills 120mm wide of cut tiles laid flat	m	90	

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Section No. 2
Bill No. 13
TILING

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Item No	<u>SECTION 2</u>	Quantity	Rate	Amount
	<u>BILL NO. 14</u>			
	<u>PLUMBING AND DRAINAGE</u>			
	<u>NOTE:</u> Tenderers are advised to study the Model Preambles for Trades before pricing this bill			
	Tenderers are advised to study the Department of Public Works - Construction works: General Specification (PW371-A) and Construction works: Particular Specification (PW371-B) before pricing this bill			

	<u>RAINWATER DISPOSAL</u>			
	<u>'Watertite' seamless aluminium</u>			
1	100 x 100mm Zinc alloy pre-painted continuous length gutters	m	108	
2	Extra for outlet for 100 x 75mm pipe	No	18	
3	100 x 75mm rainwater pipes	m	69	
4	Extra for shoe	No	18	
5	Spreader 600mm long for 100mm diameter pipe with half closed ends and 20mm diameter holes at 50mm centres	No	28	
	<u>SANITARY FITTINGS</u>			
	<u>Stainless steel for sinks, worktops and wash troughs manufactured from 1,2mm grade 304 (18/10) including brackets and sealing</u>			
6	Drop-in sink and drainer 1,500 x 460mm wide with one end bowl and with sound proofing finish underneath sink	No	2	
	Carried to Collection			
	Section No. 2 Bill No. 14 PLUMBING AND DRAINAGE			
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7	Franke citimetal or equally approved model "S2" Grade 304 (18/10) stainless steel double end bowl catering sink, size 1500 x 650mm with a 150mm high integral splash back to the rear and 50 x 10mm turn down turn down with beaded edge on the remaining side. The underside sprayed with vermin proof proof bitumastic sound deadening and supported with 30 x 30 x 3mm framework and galvanised mild steel backing sheet. Fitted on to 38mm diameter round stainless steel detachable legs with adjustable flanged foot pieces, bowl size 500 x 500mm x 230mm deep.	No	3
8	Franke citimetal or equally approved model "S2" Grade 304 (18/10) stainless steel double centre 1850 x 650mm bowl pot sink with a 150mm high integral splash back to the rear and 50 x 10mm turn down with beaded edge on the remaining side. The underside sprayed with vermin proof proof bitumastic sound deadening and supported with 30 x 30 x 3mm framework and galvanised mild steel backing sheet. Fitted on to 38mm diameter round stainless steel detachable legs with adjustable flanged foot pieces, bowl size 760 x 460mm x 380mm deep.	No	2
9	Franke citiline prep bowl stainless steel sink or equally approved, unit size 448mm diameter wide with 405 x 145 mm deep bowl , fitted onto cupboard with spazio 2 (code: 301252) plumbing kit	No	1
<u>Vitreous China</u>			
10	510 x 405 White vitreous china wash hand basin with two tap holes complete with and including universal floor mounted pedestal and including two chromium plated pillar taps, waste and anti-theft plug	No	7
11	Closed coupled WC suite comprising white vitreous china pan with p-trap, 9 litre white vitreous china cistern complete with valveless symphonic fitting, ball valve and matching flush pipe elbow and heavy duty white double flap seat	No	6
12	Closed coupled(disabled) WC suite comprising white vitreous china pan with p-trap, 9 litre white vitreous china cistern complete with valveless syphonic fitting, ball valve and matching flush pipe elbow,purpose made side-flush lever mounted on wall adjacent to cistern and heavy duty white double flap seat	No	2

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Section No. 2
 Bill No. 14
 PLUMBING AND DRAINAGE

13	Plexicor cross linked cst acrylic perspex classica square shower tray size 900 x 900 150mm deep in 1:5 cement mortar	No	3
	<u>'VANSTONE' or equal approved</u>		
14	Reinforced concrete single compartment wash tub basin with outlets and two pedestals size 700 x 530 x 340mm deep. Code P2-2901, P2-2902, P2-2903 or similar approved	No	2
	<u>WASTE UNIONS ETC</u>		
	<u>Cobra Watertech or equal approved</u>		
15	32mm 301 CP basin waste union	No	8
16	38mm bath or sink waste union	No	3
17	75 Secure CP shower outlet	No	3
	<u>TRAPS ETC</u>		
	<u>Rubber</u>		
18	40 - 40mm Butyl rubber deep seal 'P' or 'S' trap	No	3
	<u>Brass</u>		
19	32mm Shower trap including stainless steel grating	No	3
	<u>Rofo or equal approved</u>		
20	RO 125 V (H) NW 50 stainless steel floor trap with grating	No	3
	<u>TAPS, VALVES, ETC</u>		
	<u>Brass</u>		
21	15mm Ball Stop	No	1
	<u>Cobra Watertech or equal approved</u>		
22	15mm CP ' Code 072' 125mm diameter shower rose	No	3

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 PLUMBING AND DRAINAGE

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23	15mm CP ' Code 064' ball joint angle shower connector with 'code 025' fascia plate	No	3
24	15mm 106-15CP Star bib-tap	No	3
25	15mm 'Code 3366ST' CP wall type sink mixer with swivel spout	No	3
26	15mm 181/020/070CP shower mixer with riser pipe, arm and shower head	No	3
27	15mm 027CP overhead shower arm	No	3
28	Cobra star or equally approved 266/041/10 wall type sink mixer with "overarm" swivel outlet , concealed connections adjustable from 128mm to 178mm with plugs stay and chain	No	3
29	2 pairs cobra star or equally approved 106-20 Bib tap with hot and cold indices, extension pieces & flanges	No	4
<u>SANITARY PLUMBING</u>			
<u>Cast iron pipes with SSN couplings</u>			
30	50mm Pipes	m	40
<u>Extra over cast iron pipes with SSN couplings for fittings</u>			
31	50mm Bend	No	40
<u>uPVC soil and vent pipes</u>			
32	110mm Pipes laid in and including trenches not exceeding 1m deep	m	1
<u>Extra over uPVC soil and vent pipes for fittings</u>			
33	50mm Bend	No	24
34	110mm Bend	No	14
35	110mm Access bend	No	1
36	110mm Access junction	No	1

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Section No. 2
 Bill No. 14
 PLUMBING AND DRAINAGE

37	110mm Pan connector	No	22
	<u>Sundries</u>		
38	Provide all necessary apparatus, water ,etc .for and test whole of the sanity drainage installation to the satisfaction of the Representative/Agent and the local Authority, rectify all defective work free of charge and leave in perfect order	No	1
	<u>WATER SUPPLIES</u>		
	<u>Class 0 thin wall hard drawn copper pipes and fittings with capillary soldered type connections</u>		
39	15mm Pipes	m	102
	<u>Extra over Class 0 copper pipes for soldered capillary fittings</u>		
40	15mm Fittings	No	104
	<u>ELECTRIC WATER HEATERS</u>		
	<u>Kwikot or equal approved</u>		
41	150 Litre high pressure vertical wall mounted electric water heater bolted to brickwall	No	4

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 Bill No. 14
 PLUMBING AND DRAINAGE

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Bill No. 14

PLUMBING AND DRAINAGE

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Bill No. 14

PLUMBING AND DRAINAGE

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Item No		Quantity	Rate	Amount
	<u>SECTION 2</u>			
	<u>BILL NO. 15</u>			
	<u>GLAZING</u>			
	<u>NOTE:</u> Tenderers are advised to study the Model Preambles for Trades before pricing this bill			
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	<u>GLAZING TO STEEL WITH PUTTY</u>			
	<u>4mm thick Clear float glass:</u>			
1	Panes exceeding 0,1m2 and not exceeding 0,5m2.	m2	9	
2	Panes exceeding 0,5 m2 and not exceeding 2 m2.	m2	16	
	<u>TOPS, SHELVES, DOORS, MIRRORS, ETC.</u>			
	<u>6 mm Silvered float glass copper backed mirrors with polished edges holed for and fixed with chromium plated dome capped mirror screws with rubber buffers to plugs in brickwork:</u>			
3	Mirror 450 x 600 mm high fixed to wall.	No	10	
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	GLAZING			

	<u>One coat primer, one coat alkyd based universal undercoat and two coats superior quality universal enamel paint</u>		
5	On Doors	m2	95
	<u>One coat sanding sealer and three coats superior quality clear polyurethane matt varnish</u>		
6	On Doors	m2	40
7	Skirtings, rails, etc not exceeding 300mm girth	m	481
	<u>Two coats creosote on sawn timbers</u>		
8	Roof timber trusses	m2	30
	<u>EXISTING SERVICE POINT (CSC), BLOCK A, SINGLE QUARTERS, ETC</u>		
	<u>PAINTWORK, ETC TO PREVIOUSLY PAINTED WORK ON</u>		
	<u>ON INTERNAL FLOATED PLASTER SURFACES</u>		
	<u>One coat alkali resistant primer and two coats superior quality acrylic emulsion paint for interior and exterior use</u>		
9	On internal Walls	m2	413
	<u>ON EXTERNAL FLOATED PLASTER SURFACES</u>		
	<u>One coat alkali resistant primer and two coats superior quality acrylic emulsion paint for interior and exterior use</u>		
10	On External Walls	m2	384
	<u>ON WOOD SURFACES</u>		
	<u>One coat primer, one coat alkyd based universal undercoat and two coats superior quality universal enamel paint</u>		
11	On Doors	m2	82

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	<u>One coat sanding sealer and three coats superior quality clear polyurethane matt varnish</u>		
12	On Doors	m2	21
	<u>Steel pipes, etc</u>		
13	Paint surface mounted copper pipes	m2	13
	<u>ON FIBRE-CEMENT BOARD SURFACES</u>		
	<u>One coat alkali resistant primer and one undercoats and two coats alkyd enamel paint.</u>		
14	Fascias and barge boards,	m2	112

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 Bill No. 16
 PAINTWORK

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Bill No. 16

PAINTWORK

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Bill No. 16

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	<u>SECTION 3</u>			
	<u>BILL NO. 1</u>			
	<u>SECURITY FENCING</u>			
	<u>NOTE:</u> Tenderers are advised to study the Model Preambles for Trades before pricing this bill			
	Tenderers are advised to study the Department of Public Works - Construction works: General Specification (PW371-A) and Construction works: Particular Specification (PW371-B) before pricing this bill			

	<u>SCREEN WALLS</u>			
	<u>Excavation in earth not exceeding 2m deep:</u>			
1	Trenches	m3	21	
	<u>Extra over bulk excavations in earth for excavation in</u>			
2	Soft rock	m3	1	
	<u>Extra over all excavations for carting away</u>			
3	Surplus material from excavations and/or stock piles on site, to a dumping site to be located by the contractor	m3	11	
	<u>Risk of collapse of excavations</u>			
4	Sides of trench and hole excavations not exceeding 1,5m deep	m2	57	
	<u>Earth filling obtained from the excavations and/or prescribed stock piles on site, compacted to 93% Mod AASHTO density</u>			
5	Backfilling to trenches, holes, etc	m3	13	
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	Bill No. 1			
	SECURITY FENCING			

<p><u>Approved brand of anti-termite soil poison applied by a Registered Pest Control company and guaranteed against termite infestation for ten years</u></p>		
6	To bottoms and sides of trenches etc	m2 99
<p><u>Brickwork of NFP bricks in ll mortar</u></p>		
7	Piers	m3 25
8	One brick walls	m2 81
<p><u>Brickwork reinforcement</u></p>		
9	150mm Wide reinforcement built in horizontally	m 18
<p><u>Buff Travertine face bricks (FBX) with a pointed with square recessed horizontal and vertical joints</u></p>		
10	Extra over brickwork for face brickwork in stretcher bond including wire ties	m2 125
11	Columns	m2 132
<p><u>Brick-on-edge header course copings, sills, etc Buff Travertine pointed with recessed joints on all exposed faces</u></p>		
12	Coping on top of one brick wall pointed top and both faces	m 109
<p><u>FENCING</u></p>		
<p><u>Galvanised security fence with bitumen-aluminium painted (two coats) steel pipe posts, stays, gates, etc including galvanised steel bolts, straining eye bolts, etc, site clearance and preparation of ground</u></p>		
13	Security fence 2.1m high of 5 strands of 3mm straining wire tied to posts and eye bolts and covered with 50 x 25 x 2.5mm welded wire mesh tied at 300mm centres to each straining wire (posts elsewhere)	m 51
14	Continuous razor wire security roll to top of fence flat wrapped in 500mm diameter rings, tied together and to straining wire at 150mm centres	m 51

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Section No. 3
 Bill No. 1
 SECURITY FENCING

15	75mm Diameter Y30 post 2.4m long, including concrete base	No	30
16	75mm Diameter inclined stay 1.5m long, including concrete base	No	3

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SECURITY FENCING

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Bill No. 1

SECURITY FENCING

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SECURITY FENCING

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SECTION 3

BILL NO. 2

COVERED PARKING

NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill

Tenderers are advised to study the Department of Public Works - Construction works: General Specification (PW371-A) and Construction works: Particular Specification (PW371-B) before pricing this bill

EXTERNAL WORKS

COVERED PARKING

EXCAVATION OTHER THAN BULK

Excavation in earth not exceeding 2m deep:

1	Holes	m3	10	
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Extra over excavations other than bulk in earth for excavation in:

2	Soft rock	m3	1	
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Risk of collapse of excavations other than bulk:

3	Sides of trench and hole excavations not exceeding 1,5m deep.	m2	14	
---	---	----	----	--

KEEPING EXCAVATIONS FREE OF WATER:

Keeping excavations free of water:

4	Keeping excavations free of all water other than subterranean water			Item
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REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES:

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Section No. 3
Bill No. 2
COVERED PARKING

25 MPa/19mm Concrete:		
5	Columns in foundations	m3 1
<u>ROUGH FORMWORK (DEGREE OF ACCURACY III) (CPAP Work Group No 111):</u>		
<u>Rough formwork to sides:</u>		
6	Rectangular stub columns in foundations (Provisional).	m2 14
<u>CORRUGATED METAL SHEETING ROOF COVERING AND ACCESSORIES (CPAP Work Group No 124)</u>		
<u>'Kliplok' or equally approved 0.6mm thick light industrial steel sheeting with 'Chromadek' finish to one side and half coat 'Classicoat Grey' other side, and accessories fixed to steel purlins or rails at 710mm centres:</u>		
7	Roof covering with pitch not exceeding 25 degrees, in transportable lengths not exceeding 20m.	m2 414
<u>STRUCTURAL STEEL COLUMNS AND BEAMS</u>		
<u>Welded columns in single lengths with flat section base, bearer and connection plates bolted to concrete:</u>		
8	75 x 75 x 3mm Hollow square-section columns.	t 3.94
<u>Welded beams in single lengths with flat section base, bearer and connection plates bolted to steel columns:</u>		
9	175 x 75 x 20 x 2.5mm Lipped channel-section beams.	t 1.56
10	75 x 50 x 20 x 2.5mm Lipped channel-section purlins.	t 0.60
<u>Bolts to columns, beams, etc:</u>		
11	8mm Diameter L-shaped anchor bolt 250mm girth	No 50

PAINT WORK ON METAL

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Section No. 3
 Bill No. 2
 COVERED PARKING

Prepare, remove all dust, grease, salts and contamination with 'Dulux Galvkleen Cleaner for Galvanised Iron', rinse and apply one coat 'Dulux Primer for Galvanised Iron', apply one coat 'Dulux Duragrip Universal Undercoat' and two coats 'Dulux High Gloss Alkyd Enamel paint on galvanised steel:

12	Columns and beams	m2	247
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 COVERED PARKING

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COVERED PARKING

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Bill No. 2

COVERED PARKING

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Item No	<u>SECTION 3</u>	Quantity	Rate	Amount
	<u>BILL NO. 3</u>			
	<u>SITE WORKS</u>			
	<u>NOTE:</u> Tenderers are advised to study the Model Preambles for Trades before pricing this bill			
	Tenderers are advised to study the Department of Public Works - Construction works: General Specification (PW371-A) and Construction works: Particular Specification (PW371-B) before pricing this bill			

	<u>SEWER</u>			
	<u>Heavy duty (Class 34) uPVC sewer and drain pipes with couplings</u>			
1	160mm Pipes	m	17	
	<u>THE FOLLOWING IN ONE BRICK MAN HOLES</u>			
2	Excavation in earth not exceeding 2m deep	m3	9	
3	One brick walls	m2	10	
4	Bagging on internal of brick walls	m2	10	
5	Unreinforced concrete benching in bottom of 1460 x 1460mm chamber, dished down to channels and finished smooth with cement plaster	No	4	
	<u>Backfilling</u>			
6	To trenches	m3	3	
	<u>Cast iron gratings, covers etc</u>			
7	600 x 600mm x 76kg Cast iron Double seal manhole cover and frame	No	2	
8	120 x 120mm cast iron step built into brickwork	No	10	
	Carried to Collection			
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	SITE WORKS			
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WATER SUPPLIES

Class 16 uPVC pressure pipes

9	160mm pipe	m	8
10	110mm pipe	m	30

Class 9 uPVC pressure pipes

11	110mm Pipe	m	135
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Extra over Class 9 uPVC pressure pipes for fittings

12	110mm Bend	No	2
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Class 12 uPVC pressure pipes

13	75mm Pipes	m	268
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Extra over Class 16 uPVC pressure pipes for fittings with solvent welded joints

14	90 Degree bend	No	1
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HDPE polyethylene class 12 piping with 'Plason' or equally approved fittings

15	50mm Pipes and excavations not exceeding 1m deep	m	10
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Extra over polyethylene pipes for Plason fittings

16	50mm Fittings	No	2
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Valves etc including joints to pipes and/ or fittings

17	75mm Brass full way wheel valve	No	1
----	---------------------------------	----	---

18	22mm 'Castle Optima 2000' or equally approved water meter with threaded inlet port	No	2
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FIRE APPLIANCES ETC

WATER SUPPLIES TO FIRE APPLIANCES

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Section No. 3
 Bill No. 3
 SITE WORKS

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<u>Class 16 uPVC pressure pipes with rubber ring joints</u>				
19	160mm Pipes laid in and including trenches not exceeding 1m deep	m	450	
20	110mm Pipes laid in and including trenches not exceeding 1m deep	m	22	
<u>Extra over class 16 uPVC pressure pipes for cast iron pressure fittings</u>				
21	160mm Hydrant tee drilled to table 16, including connecting bolts, gaskets, etc	No	2	
<u>HDPE Class 16 pipes</u>				
22	50mm Pipes	m	42	
<u>Extra over HDPE pipes for steel fittings</u>				
23	50mm Bend	No	4	
24	50mm Tee	No	1	
25	50 x 22mm Reducing tee	No	3	
<u>Testing</u>				
26	Testing fire water pipe system			Item
<u>Fire hydrant pedestals</u>				
27	Unreinforced concrete hydrant pedestal 900mm high, cast around vertical pipe with bottom 300mm below ground, 300 x 300mm square at base and tapering to 200 x 200mm overall octagonal shaped top, including excavation, formwork and two coats of paint to exposed surfaces	No	2	
<u>Valves, meters etc</u>				
28	110mm Stream water meter for fire water line	No	1	
29	AVK gate valve (RSV Type) or equally approved, valve to adhere to SABS 664	No	1	
30	110mm non return valve	No	1	
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Bill No. 3

SITE WORKS

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	<u>EXTERNAL WORKS</u>			
	NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill			
	Tenderers are advised to study the Department of Public Works - Construction works: General Specification (PW371-A) and Construction works: Particular Specification (PW371-B) before pricing this bill			

	<u>PRECAST CONCRETE</u>			
	<u>(HAYLETT FORMULA WORK GROUP No. 112</u>			
	<u>PAVING</u>			
	<u>EARTHWORKS</u>			
	<u>CLEARING</u>			
1	Clear site include. remove trees up to 1m girth to approved areas off site	m2	1 250	
	<u>EXCAVATION</u>			
2	Excavate in all materials and dispose of surplus/unsuitable material	m3	250	
	<u>Extra-over item.2.1 for excavation in:</u>			
3	Intermediate material	m3	25	
4	Hard rock material	m3	13	
5	Cut to Spoil	m3	200	
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	PRE-CAST CONCRETE			

6	Rip and compact the ground surface under floors, pavings etc including scarifying for a depth of 75mm, breaking down oversized material, adding suitable material where necessary and compacting to 93% Mod AASHTO density.	m2	1 250
7	25mm Sand bedding (L)	m3	31
	<u>Import G5 filling material compacted to 93% Mod AASHTO</u>		
8	Under floors, steps, paving, etc	m3	250
	<u>Precast concrete block road surfacing</u>		
	<u>80mm Grey Double "Zig Zag" interlocking roadstones paving or equal approved</u>		
9	Paving to parking areas etc to falls.	m2	1 250
10	Mountable kerbing to SABS 927 Fig. 7 in 1m lengths with 10mm wide butt joints filled in with (2:1) cement mortar and pointed with grooved half round joints and 10mm wide open butt joints at 5m centre including 15MPa/19mm mass concrete haunching size 225mm long x 225mm high x 150mm thick at joints and backfilling at back of kerbs, top soiled and levelled to adjacent surface	m	190
11	Mountable kerbing to SABS 927 Fig. 5 in 1m lengths with 10mm wide butt joints filled in with (2:1) cement mortar and pointed with grooved half round joints and 10mm wide open butt joints at 5m centre including 15MPa/19mm mass concrete haunching size 225mm long x 225mm high x 150mm thick at joints and backfilling at back kerbs, top soiled and levelled to adjacent surfaces	m	85
12	Mountable kerbing to SABS 927 Fig. 8B in 1m lengths with 10mm wide butt joints filled in with (2:1) cement mortar and pointed with grooved half round joints and 10mm wide open butt joints at 5m centre including 15MPa/19mm mass concrete haunching size 225mm long x 225mm high x 150mm thick at joints and backfilling at back of kerbs, topsoiled and levelled to adjacent surfaces	m	18

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 PRE-CAST CONCRETE

<u>Unreinforced Concrete</u>		
<u>20mpa/19mm</u>		
13	Concrete work at access with tar road	m3 5
<u>ROADWORK, PARKING AREAS AND PAVING</u>		
<u>Extra over all excavations for carting away</u>		
14	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m3 6
<u>PAINTWORK</u>		
<u>Prepare and apply one coat white reflective road marking paint on bituminous road surfacing, precast concrete paving blocks, etc</u>		
15	Line 100mm Wide	m 98
16	Disable persons pictorial 1000mm high	No 2
<u>LANDSCAPING</u>		
<u>Ground preparation:</u>		
17	Cultivation and preparation of areas to be planted.	m2 450
<u>Topsoil, compost, lime and fertilizer:</u>		
18	Topsoil supplied by the Contractor in plant beds, grassed areas and holes for trees, shrubs, etc.	m3 158
19	Compost in plant beds, holes for trees, shrubs, etc.	m3 113
<u>Mulch:</u>		
20	35mm Mulch layer in plant beds between plants.	m2 450

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 PRE-CAST CONCRETE

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PRE-CAST CONCRETE

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PRE-CAST CONCRETE

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	<u>EXTERNAL WORKS</u>			
	NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill			
	Tenderers are advised to study the Department of Public Works - Construction works: General Specification (PW371-A) and Construction works: Particular Specification (PW371-B) before pricing this bill			

	<u>RAMPS AND STAIRS AROUND BUILDINGS</u>			
	<u>RAMPS</u>			
	<u>Excavation in earth or compacted platforms not exceeding 2m deep</u>			
1	Trenches	m3	53	
	<u>Risk of collapse of excavations</u>			
2	Sides of trench and hole excavations not exceeding 1,5m deep	m2	198	
	<u>Earth filling obtained from the excavations and /or prescribed stock piles on site including compacted to 93% Mod AASHTO density</u>			
3	Backfilling to trenches, holes, etc	m3	33	
	<u>Compaction of surfaces</u>			
4	Compaction of ground surface under ramps, 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	161	
	<u>Prescribed density tests on filling</u>			
5	"Modified AASHTO Density" test	No	25	
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	RAMPS, STEPS AND APRONS			

<u>Soil poisoning and insecticide</u>		
6	Under ramps, etc including forming and poisoning shallow furrows against foundation walls, etc, filling in furrows and ramming	m2 161
7	To bottoms and sides of trenches, etc	m2 273
<u>15MPa/19mm unreinforced concrete</u>		
8	Ramps laid in panels	m3 19
9	Extra over concrete ramps for thickening size 150mm deep, 200mm top and tapering to 100mm at bottom including all excavation to 100mm, backfilling, etc.	m 250
<u>Finishing top surfaces of concrete smooth with a wood trowel</u>		
10	Ramps to falls	m2 161
<u>Brickwork of NFX bricks in class I mortar</u>		
11	One brick walls in foundations	m2 88
<u>Brickwork reinforcement</u>		
12	150mm Wide reinforcement built in horizontally in foundations	m 259
<u>Buff Travertine face bricks (FBX) with a pointed with square recessed horizontal and vertical joints</u>		
13	Extra over brickwork for face brickwork in foundations	m2 88
<u>Brick-on-edge header course copings, sills, etc Buff Travertine pointed with recessed joints on all exposed faces</u>		
14	Coping on top of one brick wall	m 250
<u>20MPa/19mm concrete</u>		
15	Ramps to falls casted in panels	m3 19

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 RAMPS, STEPS AND APRONS

Stainless steel horizontal and raking balustrade consisting of 50mm diameter continuous top and bottom rails and 50mm diameter two ball stanchions at average 2100mm centres welded to 100 x 65mm flat section base plate twice holed for and including M10/M12 expansion bolts bolted to concrete including necessary fixings, angle closures, ramp bends, end plates etc..., complete.

16	Handrails 900mm high	m	75
17	Handrails 325mm high	m	44

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 RAMPS, STEPS AND APRONS

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RAMPS, STEPS AND APRONS

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RAMPS, STEPS AND APRONS

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SECTION 4

BILL NO. 1

ELECTRICAL WORKS

NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill

Tenderers are advised to study the Department of Public Works - Construction works: General Specification (PW371-A) and Construction works: Particular Specification (PW371-B) before pricing this bill

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Bill No. 1
GENERAL: SITE

PROJECT AND QUALITY SPECIFICATIONS

This Bill shall be read in conjunction with the Detailed Electrical Specification as well as the electrical drawings.

The project comprises the supply, delivery, installation, testing and commissioning of all the electrical equipment together with other services as specified in the Detailed Specification.

The Tenderer shall be deemed to have perused the above mentioned document and considered fully conversant with the contents and allow for it in his price.

No allowance has been made in the measurement of conductors for additional lengths at connection points and prices for the measured conductors shall be deemed to be included.

All DB's, Switch control boxes and draw boxes shall be of 3CR12, 1.6mm thick construction.

Conduits described as "fixed" shall be deemed to include for fixing to all types of surfaces, in chases or casting in or building into walls, etc, and prices shall include for the above.

Price for cables shall be deemed to include installation as well as termination of all cables.

MAIN SUPPLY / DISTRIBUTION BOARDS

EMERGENCY BACK-UP GENERATOR

- 1 Install a 250kVA Standby Generator complete with change over panel and 1500litre tank, filled with diesel after all necessary tests and commissioning phase

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 GENERAL: SITE

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2	Allow of the full servicing of the generator complete with all necessary tests and checks				SUM
3	STANDBY PANEL A	EA	1		
4	400A, 15kA, 3 Pole MCCB	EA	1		
5	300A, 15kA, 3 Pole MCCB	EA	1		
6	400A 3 Pole Normal closed contractor on standby power supply Administration and Cell Buildings	EA	1		
7	400A 3 Pole Normal open contractor on normal power supply from Upgraded transformer	EA	1		
8	200A, 15kA, 3 Pole MCCB	EA	2		
9	150A, 15kA, 3 Pole MCCB	EA	1		
10	80A, 15kA, 3 Pole MCCB	EA	1		
<u>DISTRIBUTION KIOSKS</u>					
Supply and install a new distribution Kiosk, complete with sheet metal trays, frames, sub-frames, bus bars, provision for future circuit breakers, legend card, circuit breakers, switches, relays, earth leakage units, etc. and as detailed on the schematic					
				Carried to Collection	R
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11	Kiosk A	EA	1	
12	300A, 15kA, 3 Pole MCCB	EA	1	
13	220A, 15kA, 3 Pole MCCB	EA	2	
14	180A, 15kA, 3 Pole MCCB	EA	1	
15	150A, 15kA, 3 Pole MCCB	EA	1	
16	KIOSK 1	EA	1	
	<u>Standby</u>			
17	150A, 15kA, 3 Pole MCCB	EA	1	
	<u>Normal</u>			
18	120A, 15kA, 3 Pole MCCB	EA	2	
19	80A, 15kA, 3 Pole MCCB	EA	1	
20	16A, 6kA, 1 Pole MCB	EA	3	
21	Day Light switches in York enclosure with transparent lid - properly labelled. Type: National - 16A. By-pass switch (15A CB) to be installed in york box.	EA	3	
22	KIOSK 2	EA	1	
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Standby

23	80A, 15kA, 3 Pole MCCB	EA	1
24	60A, 15kA, 3 Pole MCB	EA	1

Normal

25	220A, 15kA, 3 Pole MCCB	EA	1
26	150A, 15kA, 3 Pole MCCB	EA	1
27	80A, 15kA, 3 Pole MCCB	EA	2
28	16A, 6kA, 1 Pole MCB	EA	2
29	Day Light switches in York enclosure with transparent lid - properly labelled. Type: National - 16A. By-pass switch (15A CB) to be installed in york box	EA	1

CABLES AND BUS BARS

Supply and install the following cables drawn through ducts or laid on cable trays. Note that all earth conductors shall be strapped to their respective supply cables at intervals not more than 1m apart.

LV CABLES

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95mm² 4 Core Copper cable

30	Kiosk A to Generator (2 x Parallel)	m	135
31	standby Panel to Administration Standby	m	70
32	Kiosk A to Kiosk 1 Normal	m	65
33	Kiosk A to Kiosk 2 Normal	m	95
34	95mm ² BCC Earth conductor for above	m	365

70mm² 4 Core Copper cable

35	Standby Panel to Cell Block Standby	m	40
36	Standby Panel to Kiosk 1 Standby	m	35
37	Kiosk 2 to Admin Building Normal	m	35
38	70mm ² BCC Earth conductor for above	m	110

50mm² 4 Core Copper cable.

39	Kiosk 1 to Crime Investigation Ground Standby	m	50
40	Kiosk 1 to Crime Investigation Ground Normal	m	50
41	Kiosk 2 to Purpose Building Normal	m	20

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 GENERAL: SITE

42	50mm ² BCC Earth conductor for above	m	120
	<u>35mm² 4 Core Copper cable.</u>		
43	Kiosk 1 to Cell Block Normal	m	95
44	Kiosk 2 to Stores Normal	m	40
45	35mm ² BCC Earth conductor for above	m	135
	<u>25mm² 4 Core Copper cable.</u>		
46	Standby Panel to Kiosk 2 Standby	m	80
47	25mm ² BCC Earth conductor for above	m	80
	<u>16mm² 4 Core Copper cable.</u>		
48	Kiosk 2 Standby to Purpose Standby	m	30
49	16mm ² BCC Earth conductor for above	m	30
	<u>4mm² 4 Core Copper cable.</u>		
50	Kiosk 1 to LC 2	m	150
51	Kiosk 1 to LC 3	m	150
52	Kiosk 1 to LC 4	m	150

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53	Kiosk 1 to LC 5	m	200
54	Kiosk 2 to LC 1	m	180
55	4mm ² BCC Earth conductor for above	m	830

LV CABLE TERMINATIONS

Cable terminations to supply cables and earth continuity conductor, to include - cable glands, lugs and connections at Main DB and SDB's.

56	95mm ² 4 Core Cable (Indoor)	No	10
57	70mm ² 4 Core Cable (Indoor)	No	6
58	50mm ² 4 Core Cable (Indoor)	No	6
59	35mm ² 4 Core Cable (Indoor)	No	4
60	25mm ² 4 Core Cable (Indoor)	No	2
61	16mm ² 4 Core Cable (Indoor)	No	2
62	4mm ² 4 Core Cable (Indoor)	No	60
63	95mm ² BCC	m	10
64	70mm ² BCC	No	6

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65	50mm ² BCC	No	6	
66	35mm ² BCC	No	4	
67	25mm ² BCC	No	2	
68	16mm ² BCC	No	2	
69	4mm ² BCC	No	60	
	<u>EXCAVATIONS</u>			
70	General trenching work for sleeve trenches along the routes as pegged out on site after the required co-ordination with other services.	m	880	
71	Allowance must be made for the sifting of soil when required removal and carting away of all stones and rocks and the dumping off site. Backfilling and compacting shall be carried out as specified for overall site works			
				SUM
72	Trenching in consolidated soil for cables, cable sleeves, etc incl. backfill as per specifications	m	180	
73	Extra over excavations for excavation in soft rock	m ³	50	
74	Extra over excavations for excavation in hard rock	m ³	85	
75	Concrete cable markers as per specifications	EA	30	
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76	Breaking of existing concrete floor for installation of cable sleeves, conduit for telephone circuits and power installation	m	80
<u>RETICULATION</u>			
<u>DUCTS / SLEEVES / MAN HOLES</u>			
Supply and install the following PVC Sleeves including short lengths and jointing, laid in trench (trenching and backfilling measured elsewhere). PVC fittings with "Safe lock" seal ring joints			
77	110 mm Diameter sleeve	m	475
78	110mm Sleeve - penetrate through concrete slab with 160mm hole	EA	12
79	110mm Sleeve - Bends	EA	5
80	32 mm diameter sleeve	m	670
81	32mm Sleeve - penetrate through concrete slab with 50mm hole	EA	35
82	32mm Sleeve - Draw box for 9 x32mm PVC sleeve	EA	25
83	32mm Sleeve - Bends	EA	25
84	Man holes	EA	18

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GENERAL: SITE

WIRE MESH CABLE TRAYS (200mm)

85	Welded wire mesh cable tray (200mm wide) with joiner sets and suspending equipment complete	m	15
86	Welded wire mesh cable tray (200mm wide) with joiner sets and suspending equipment complete - T-off	EA	2
87	Welded wire mesh cable tray (200mm wide) with joiner sets and suspending equipment complete - 4 Way	EA	2
88	Welded wire mesh cable tray (200mm wide) with joiner sets and suspending equipment complete - 90 degrees horizontal	EA	4
89	Welded wire mesh cable tray (200mm wide) with joiner sets and suspending equipment complete - 90 degrees vertical	EA	4
90	Welded wire mesh cable tray (200mm wide) with joiner sets and suspending equipment complete - T-off to 600mm wire mesh	EA	1

WIRE MESH CABLE TRAYS (400mm)

91	Welded wire mesh cable tray (400mm wide) with joiner sets and suspending equipment complete	m	15
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LUMINARIES

Supply and install luminaries fixed to structures e.g.: concrete ceiling; Rhino board ceiling and walls. Price shall include lamps and the connecting thereof. Note that all fluorescent emergency exit lighting and down-lighter luminaries must be supplied

- 92 Bulkhead: Exterior pole mounted 2 x 26W CFL, bottom entry, complete with 3,5m fibreglass pole, with individual 5A circuit breaker in pole

EA

5

LIGHTNING PROTECTION

- 93 The building will be protected against lightning strikes according to SABS 0313. The successful contractor will use the building reinforce steel at distances not more than 20m apart and connect to the base prior to it being casted. Provide engineer with certificate from specialist supplier/installer

SUM

- 94 Allow for Earth resistance tests and reports

SUM

EARTH MAT

Note: Minimum distance of 5000mm between MV and LV earth mats.

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Section No. 4
 Bill No. 1
 GENERAL: SITE

95	<p>Supply and install an earth mat with the following specifications: The mat will be installed 1m below NGL, will be 1.6m x 1.6m and will consists of 400mm x 400mm cad-welded joints of stranded 70mm² copper conductor, 2 separate leads connected to the earth mat with a spacing of at least 1 m will be connected to the mini-substation LV neutral bar. Make provision for back-filling and compacting as well as earth conductivity test</p>	EA	1		
<u>EARTHING AND BONDING</u>					
96	<p>Provide earthing and bonding in all ablution rooms, laundries and kitchens</p>				SUM
<u>GENERAL / TESTING AND COMMISSIONING</u>					
97	<p>Allow for testing, balancing of Phases and commissioning of the whole electrical installation - lighting and power</p>				SUM
98	<p>Allow for providing detailed manuals and marked up drawings of the electrical services installation to the Engineer</p>				SUM
99	<p>Allow for Certificate of Compliance in terms of the Occupational and Health Safety Act, OSHACT of 1993</p>				SUM
100	<p>Compliance with OH SACT : Compiling and implementing of Safety Plan and issuing of safety clothes, shoes, gloves etc, as required.</p>				SUM
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<p>Section No. 4 Bill No. 1 GENERAL: SITE</p>					

101 Labelling of all circuits and draw boxes with permanent screw on type labels as described in Project Detailed Specifications.

SUM

102 Supply and install 35mm locally manufactured padlocks and locking devices as well as master keys.(3 sets) with purpose-made pvc labels to lock and unlock all DB's, SDB's and lockable draw boxes.

SUM

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SECTION 4

BILL NO. 2

ELECTRICAL INSTALLATION

NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill

Tenderers are advised to study the Department of Public Works - Construction works: General Specification (PW371-A) and Construction works: Particular Specification (PW371-B) before pricing this bill

RENOVATIONS OF EXISTING ADMINISTRATION BUILDING

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Section No. 4
Bill No. 2
EXISTING ADMINISTRATION BLOCK

PROJECT AND QUALITY SPECIFICATIONS

This Bill shall be read in conjunction with the Detailed Electrical Specification as well as the electrical drawings

The project comprises the supply, delivery, installation, testing and commissioning of all the electrical equipment together with other services as specified in the Detailed Specification.

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No allowance has been made in the measurement of conductors for additional lengths at connection points and prices for the measured conductors shall be deemed to be included

All DB's, Switch control boxes and draw boxes shall be of 3CR12, 1.6mm thick construction.

Conduits described as "fixed" shall be deemed to include for fixing to all types of surfaces, in chases or casting in or building into walls, etc, and prices shall include for the above

Price for cables shall be deemed to include installation as well as termination of all cables.

MAIN SUPPLY / DISTRIBUTION BOARDS

DISTRIBUTION BOARDS

Carried to Collection

Section No. 4
Bill No. 2
EXISTING ADMINISTRATION BLOCK

R

Supply and install a new distribution board, complete with sheet metal trays, frames, sub-frames, bus bars, provision for future circuit breakers, legend card, circuit breakers, switches, relays, earth leakage units, etc. and as detailed on the schematic wiring diagrams. All DB's, switch control boxes and draw boxes shall be of 3CR12, 1.6mm thick construction.

1	DB - Main	EA	1
<u>Standby</u>			
2	180A, 15kA, 3 Pole MCCB	EA	1
3	80A, 6kA, 2 Pole MCB	EA	3
4	80A, 6kA, 2 Pole Earth Leakage	EA	3
5	60A, 6kA, 3 Pole MCB	EA	1
6	20A, 6kA, 1 Pole MCB	EA	14
7	15A, 6kA, 1 Pole MCB	EA	19
<u>Normal</u>			
8	120A, 15kA, 3 Pole MCB	EA	1
9	80A, 6kA, 3 Pole MCB	EA	1
10	60A, 6kA, 3 Pole MCB	EA	2

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 EXISTING ADMINISTRATION BLOCK

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11	30A, 6kA, 2 Pole MCB	EA	4
12	20A, 6kA, 2 Pole MCB	EA	2
13	16A, 6kA, 2 Pole MCB	EA	33
14	DB - Purpose	EA	1
	<u>Standby</u>		
15	60A, 6kA, 3 Pole MCB	EA	2
	<u>Normal</u>		
16	80A, 6kA, 3 Pole MCB	EA	2
17	60A, 6kA, 3 Pole MCB	EA	2
18	60A, 6kA, 2 Pole Earth Leakage	EA	1
19	30A, 6kA, 2 Pole MCB	EA	1
20	20A, 6kA, 1 Pole MCB	EA	3
21	16A, 6kA, 2 Pole MCB	EA	6
22	15A, 6kA, 1 Pole MCB	EA	5
23	DB - Stores	EA	1

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 Bill No. 2
 EXISTING ADMINISTRATION BLOCK

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Normal

24	60A, 6kA, 3 Pole MCB	EA	2
25	80A, 6kA, 2 Pole Earth Leakage	EA	1
26	20A, 6kA, 1 Pole MCB	EA	4
27	15A, 6kA, 1 Pole MCB	EA	7
28	DB - Security (Main)	No	1
29	60A, 6kA, 3 Pole MCB	EA	1
30	60A, 6kA, 2 Pole MCB	EA	3
31	20A, 6kA, 1 Pole MCB	EA	17
32	DB - Security (Purpose)	EA	1
33	60A, 6kA, 3 Pole MCB	EA	1
34	20A, 6kA, 1 Pole MCB	EA	8

ISOLATORS

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Section No. 4
 Bill No. 2
 EXISTING ADMINISTRATION BLOCK

R

Supply and install new isolators for air conditioning units, ventilation equipment, stove, geyser, etc. complete with flexible conduit, connectors, compression glands, brackets, etc.

35	16A 2 pole isolator	EA	39
36	20A 2 pole isolator	EA	2
37	30A 2 pole isolator	EA	5
38	60A 3 Pole isolator AC	EA	2
39	60A 3 Pole isolator (UPS)	EA	4

CABLES AND BUS BARS

Supply and install the following cables drawn through ducts or laid on cable trays. Note that all earth conductors shall be strapped to their respective supply cables at intervals not more than 1m apart

LV CABLES

16mm² 4 Core Copper cable.

40	DB-Admin Normal to AC outdoor unit 1	m	45
41	DB-Admin Normal to AC outdoor unit 2	m	45
42	DB-Admin Standby to DB Security (Admin)	m	15

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 EXISTING ADMINISTRATION BLOCK

R

43	DB-Purpose Standby to DB Security (Admin)	m	5
44	16mm ² BCC Earth conductor for above	m	110

LV CABLE TERMINATIONS

Note: No joints will be allowed in any cables. Cable terminations to supply cables and earth continuity conductor, to include - cable glands, lugs and connections at Main DB.

45	16mm ² 3 Core Cable (Indoor)	No	8
46	16mm ² BCC	No	8

RETICULATION

CONDUIT

Supply and install Bosal conduit with support fixings (saddles/ couplings/adaptors), cast in concrete, surface bed or screed, fixed to wood, roof members, suspended ceiling, steel, etc., run in roof space, chased and/or fixed in brickwork including bends

20 mm diameter conduit

47	Interior luminaire, communication and data circuits	m	250
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25 mm diameter conduit

48	Socket outlet, air conditioning and isolator circuits	m	250
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Carried to Collection

Section No. 4
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 EXISTING ADMINISTRATION BLOCK

R

49	Exterior Luminare circuits	m	200
50	TV Circuits	m	20
51	Fire detection	m	206
<u>20 mm Diameter flexible conduit</u>			
52	Supply and install 20mm diameter flexible conduit in 1m lengths with couplings complete.	EA	10
<u>CONDUIT ACCESSORIES AND DRAW BOXES</u>			
<u>Supply and install Bosal conduit accessories and outlet boxes and cover plate to suit number, size or type of entries, fixed onto conduit.</u>			
53	100mm x 100mm x 50mm deep box	EA	30
54	100mm x 50mm x 50mm deep box	EA	60
55	65 mm Diameter round boxes	EA	35

TRUNKING / CABLE RACKS / WIRE MESH

Supply and install trunking/cable racks/wire mesh installation complete with fixings, example hangers, caddy clips, nuts, washers, rivets, splices, Tee-pieces, 4 way cross overs, elbows, clamps, anchors, etc

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TRUNKING: LIGHT CIRCUITS

56	Galvanised ducting 76 x 51 mm with 6 knockouts per length for 5A 3 pin socket with hanging holders and connectors complete with lid	m	200
57	Galvanised ducting 76 x 51mm with 6 knockouts per length for 5A 3 pin socket with hanging holders and connectors complete with lid - T-Off	EA	8
58	Galvanised ducting 76 x 51 mm with 6 knockouts per length for 5A 3 pin socket with hanging holders and connectors complete with lid - 4 Way	EA	1
59	Galvanised ducting 76 x 51 mm with 6 knockouts per length for 5A 3 pin socket with hanging holders and connectors complete with lid - 90 degrees horizontal	EA	5
60	Galvanised ducting 76 x 51 mm with 6 knockouts per length for 5A 3 pin socket with hanging holders and connectors complete with lid - 90 degrees vertical	EA	8

TRUNKING: PLUG CIRCUITS

61	Galvanised ducting 76 x 51 mm with 6 knockouts per length for 5A 3 pin socket with hanging holders and connectors complete with lid	m	120
62	Galvanised ducting 76 x 51mm with 6 knockouts per length for 5A 3 pin socket with hanging holders and connectors complete with lid - T-Off	EA	2
63	Galvanised ducting 76 x 51 mm with 6 knockouts per length for 5A 3 pin socket with hanging holders and connectors complete with lid - 90 degrees horizontal	EA	2

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64	Galvanised ducting 76 x 51 mm with 6 knockouts per length for 5A 3 pin socket with hanging holders and connectors complete with lid - 90 degrees vertical	EA	2
<u>WIRE MESH CABLE TRAYS (200mm)</u>			
65	Welded wire mesh cable tray (200mm wide) with joiner sets and suspending equipment complete	m	140
66	Welded wire mesh cable tray (200mm wide) with joiner sets and suspending equipment complete - T-off	EA	3
67	Welded wire mesh cable tray (200mm wide) with joiner sets and suspending equipment complete - 90 degrees horizontal	EA	1
68	Welded wire mesh cable tray (200mm wide) with joiner sets and suspending equipment complete - 90 degrees vertical	EA	4

WIRING

Supply and install wiring for all power and light circuits. All light circuits will be wired with 2.5mm², plug circuits with 4mm² and circuits feeding isolators with 4mm²

69	2,5mm ² Wiring for light circuits (Red)	m	1 200
70	2,5mm ² Wiring for light circuits (Black)	m	1 200
71	2,5mm ² Wiring for light circuits (Copper)	m	1 200

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72	4mm ² Wiring for plug circuits (Red)	m	1 200
73	4mm ² Wiring for plug circuits (Black)	m	1 200
74	4mm ² Wiring for plug circuits (Copper)	m	1 200
75	6mm ² Wiring for alternative circuits	m	30
76	Draw wire	m	1 000
<u>POWER SKIRTING</u>			
77	Supply and install power skirting complete with covers, fixed to brickwork or concrete. Galvanized steel, powder coated, matt white, three channel, double cover.	m	30
78	Supply and install power skirting complete with covers, fixed to brickwork or concrete. Galvanized steel, powder coated, matt white, three channel, double cover. Internal 90 degree elbow	EA	9
79	Supply and install power skirting complete with covers, fixed to brickwork or concrete. Galvanized steel, powder coated, matt white, three channel, double cover. End cap	EA	19
80	Supply and install power skirting complete with covers, fixed to brickwork or concrete. Galvanized steel, powder coated, matt white, three channel, double cover. Wall entry	EA	7
81	Supply and install power skirting complete with covers, fixed to brickwork or concrete. Galvanized steel, powder coated, matt white, three channel, double cover. T-off	EA	3

Carried to Collection

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 EXISTING ADMINISTRATION BLOCK

TELEPHONE DISTRIBUTION BOARD

Supply, deliver, storage and installation of TELKOM nad DATA approved type distribution board size 450 x 450 x 150mm deep to accommodate requirements as shown out in specification clause

82	Telephone Distribution Board to be installed as per specifications	EA	1
83	Data Distribution Board to be installed as shown as per specifications	EA	1

SOCKET OUTLETS / ISOLATORS / COMMUNICATION / DATA

SOCKET OUTLETS

Stainless steel / brush aluminium (or white) 100mm x 100mm with 2 x screws cover plate. White socket trimming and switch. Complete with yoke and fixing material.

84	Double 16A socket outlet flush (normal)	EA	25
85	Single 16A socket outlet flush (normal)	EA	20
86	1 x Single 5A socket outlet flush. Non switchable (Install new complete with cover, round box, white with screws) Install in ceiling cavity for security circuits.	EA	12
87	Single 16A socket outlet in watertight weatherbox	EA	6

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R

POWER SKIRTING ACCESSORIES

White to fit power skirting (except for dedicated outlets)
MOS

88	Double 16A Socket outlet in power skirting (normal)	EA	60
89	Single 16A socket outlet in power skirting (dedicated)	EA	60
90	Telecommunication jack RJ45 in power skirting	EA	60
91	Data jack RJ45 in power skirting	EA	60

SWITCHES / LUMINIARIES

LIGHT SWITCHES

Stainless steel / brush aluminium 100mm x 50mm with 2 x screws cover plate. Black socket trimming and switch. Complete with yoke and fixing material.

92	Single lever 1 way light switch.	EA	48
93	Single lever 2 way light switch.	EA	12
94	Double lever 1 way light switch	EA	2
95	Rotary water tight light switch 1 way rated IP 65	EA	2
96	10A Photoelectric outdoor lighting control switch installed on wall	m	4

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LUMINARIES

Supply and install luminaries fixed to structures e.g.: concrete ceiling; Rhino board ceiling and walls. Price shall include lamps and the connecting thereof. Luminaires with battery back-up must be supplied with an additional core (4 core).

97	Fluorescent: 1.2mx300mm tube 2 x 36W,parabolic, electronic ballast, surface mounted, with LBR Fitting	EA	40
98	Fluorescent: 1.5m, double tube x 58W, waterproof IP65, electronic ballast, surface mounted (dimensions: 1570 x 160 x 110)	EA	2
99	Bulkhead: rectangular 155mm (w) x 324mm (l) x 122mm (h), 2 x PL18 220V, matt white, electronic ballast, surface mounted	EA	32
100	Fluorescent: 600mm x 600mm, 4 x 18W, double, electronic ballast,with 1 x 18W battery back-up, flush mounted (dimensions: 595 x 595 x 90mm)	EA	20
101	Bulkhead: decorative round bulkhead, 2 x PL9 220V, matt white, electronic ballast, surface mounted - bathrooms	EA	24
102	Emergency exit lighting: single sided illuminated with battery back up ceiling mounted bracket. (down arrow with man running) (dimensions: 330 x 145 x 46 mm)	EA	1

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103	Emergency exit lighting: single sided illuminated with battery back up, surface mounted bracket. (horizontal arrow - right, man and stairs, green) (dimensions: 330 x 145 x 46mm)	EA	1	
104	Flourescent: 1.2m, 4 x 36W, double parabolic, electronic ballast, recessed, flush mounted. (436)	EA	64	
105	Down lighter: cut-out = 170mm, 1 x 70W 220V, matt white, electronic ballast, flush mounted	EA	13	
106	Bulkhead: square 274mm x 274mm x 104mm, 2 x PL18, 220V, matt white, electronic ballast, 1 x 18W battery back-up, surface mounted	EA	10	
107	Fluorescent: 1.5m, double tube x 58W, open channel, electronic ballast, surface mounted (dimensions: 1570 x 160 x 110) 1 x 58W battery backup.	EA	4	
<u>LIGHTNING PROTECTION</u>				
108	The building will be protected against lightning strikes according to SABS 0313. The successful contractor will use the building reinforce steel at distances not more than 20m apart and connect to the base prior to it being casted. Provide engineer with acompliance certificate.			SUM
109	Allow for Earth resistance tests and reports			SUM
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UN-INTERRUPTED POWER SUPPLY

110 Supply and install a new MGE Galaxy 3500 UPS, 20kVA 400V in and 400V out complete with accessories and batteries to provide emergency power for at least 10 min during power cuts for computer, fire and other essential emergency systems.

m 2

FIRE / SMOKE DETECTION

111 Install fire / smoke detection in all rooms as indicated in the drawings and specifications. 2 Loop system with 2 x break glass, 1 siren, 2 Heat detectors, 24 smoke detectors complete

SUM

112 PH30 cabling for above

m 206

EARTHING AND BONDING

113 Provide earthing and bonding in all ablution rooms, laundries and kitchens

SUM

EXISTING ELECTRICAL INFRASTRUCTURE

114 Make provision to remove all existing electrical equipment for e.g. luminaires, socket outlets, power skirting, wiring, etc

SUM

GEYSER/HYDROBOIL/HAND DRYERS

115 Supply and install 150l geyser with all valves, piping, etc. to supply the kitchen and bathrooms. Water distribution to form part of the Architects Bill of Materials

EA 2

Carried to Collection

R

Section No. 4
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 EXISTING ADMINISTRATION BLOCK

116 Supply and install a under counter Hydroboil capable of supplying water for dishes only. Typical: K-prisma or better. All piping, supply stop valve/tap etc. to be included.

SUM

GENERAL / TESTING AND COMMISSIONING

117 Allow for testing, balancing of Phases and commissioning of the whole electrical installation - lighting and power

SUM

118 Allow for providing detailed manuals and marked up drawings of the electrical services installation to the Engineer

SUM

119 Allow for Certificate of Compliance in terms of the Occupational and Health Safety Act, OSHACT of 1993.

SUM

120 Compliance with OH SACT : Compiling and implementing of Safety Plan and issuing of safety clothes, shoes, gloves etc, as required

SUM

121 Labelling of all circuits and draw boxes with permanent screw on type labels as described in Project Detailed Specifications.

SUM

122 Supply and install 35mm locally manufactured padlocks and locking devices as well as master keys.(3 sets) with purpose-made pvc labels to lock and unlock all DB's, SDB's and lockable draw boxes.

SUM

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SECTION 4

BILL NO. 3

ELECTRICAL INSTALLATION

NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill

Tenderers are advised to study the Department of Public Works - Construction works: General Specification (PW371-A) and Construction works: Particular Specification (PW371-B) before pricing this bill

CONSTRUCTION OF NEW LIVING QUARTERS 3 STOREY

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R

Section No. 4
Bill No. 3
NEW LIVING QUARTERS BLOCK A

PROJECT AND QUALITY SPECIFICATIONS

This Bill shall be read in conjunction with the Detailed Electrical Specification as well as the electrical drawings

The project comprises the supply, delivery, installation, testing and commissioning of all the electrical equipment together with other services as specified in the Detailed Specification.

The Tenderer shall be deemed to have perused the above mentioned document and considered fully conversant with the contents and allow for it in his price.

No allowance has been made in the measurement of conductors for additional lengths at connection points and prices for the measured conductors shall be deemed to be included

All DB's, Switch control boxes and draw boxes shall be of 3CR12, 1.6mm thick construction.

Conduits described as "fixed" shall be deemed to include for fixing to all types of surfaces, in chases or casting in or building into walls, etc, and prices shall include for the above

Price for cables shall be deemed to include installation as well as termination of all cables.

MAIN SUPPLY / DISTRIBUTION BOARDS

DISTRIBUTION BOARDS

Carried to Collection

Section No. 4
 Bill No. 3
 NEW LIVING QUARTERS BLOCK A

R

Supply and install a new distribution board, complete with sheet metal trays, frames, sub-frames, busbars, provision for future circuit breakers, legend card, circuit breakers, switches, relays, earth leakage units, etc. and as detailed on the schematic wiring diagrams. All DB's, switch control boxes and draw boxes shall be of 3CR12, 1.6mm thick construction.

DB - GROUND

Normal

1	40A, 15kA, 2 Pole, Earth Leakage	EA	1
2	20A, 6kA, 1 Pole MCB	EA	1
3	15A, 6kA, 1 Pole MCB	EA	2

DB - FIRST

Normal

4	40A, 15kA, 2 Pole, Earth Leakage	EA	1
5	20A, 6kA, 1 Pole MCB	EA	1
6	15A, 6kA, 1 Pole MCB	EA	2

DB - SECOND

Carried to Collection

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 NEW LIVING QUARTERS BLOCK A

R

Normal

7	15A, 6kA, 1 Pole MCB	EA	2
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DB - G1

8	60A, 10kA, 2 Pole MCB	EA	1
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9	40A, 15kA, 2 Pole, Earth Leakage	EA	1
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10	20A, 6kA, 2 Pole MCB	EA	1
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11	20A, 6kA, 1 Pole MCB	EA	1
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12	15A, 6kA, 1 Pole MCB	EA	1
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ISOLATORS

Supply and install new isolators for air conditioning units, ventilation equipment, stove, geyser, etc. complete with flexible conduit, connectors, compression glands, brackets, etc.

13	20A 2 pole isolator in watertight box	EA	3
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CABLES AND BUS BARS

Supply and install the following cables drawn through ducts or laid on cable trays. Note that all earth conductors shall be strapped to their respective supply cables at intervals not more than 1m apart

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R

LV CABLES

16mm² 3 Core Copper cable.

14	DB-Ground to DB-G3	m	30
15	DB-First to DB-F3	m	30
16	DB-First to DB-F4	m	30
17	16mm ² BCC Earth conductor for above	m	90

LV CABLE TERMINATIONS

Cable terminations to supply cables and earth continuity conductor, to include - cable glands, lugs and connections at Main DB and SDB's.

18	16mm ² 3 Core Cable (Indoor)	No	4
19	16mm ² BCC	No	4

RETICULATION

CONDUIT

Supply and install Bosal conduit with support fixings (saddles/ couplings/adaptors), cast in concrete, surface bed or screed, fixed to wood, roof members, suspended ceiling, steel, etc., run in roof space, chased and/or fixed in brickwork including bends

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R

20 mm diameter conduit

20	Interior luminaire, communication and data circuits	m	20
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25 mm diameter conduit

21	Socket outlet, air conditioning and isolator circuits	m	50
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22	Exterior Luminaire circuits	m	20
----	-----------------------------	---	----

20 mm Diameter flexible conduit

23	Supply and install 20mm diameter flexible conduit in 1m lengths with couplings complete.	EA	7
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CONDUIT ACCESSORIES AND DRAW BOXES

Supply and install Bosal conduit accessories and outlet boxes and cover plate to suit number, size or type of entries, fixed onto conduit.

24	100mm x 100mm x 50mm deep box	EA	7
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25	100mm x 50mm x 50mm deep box	EA	5
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26	65 mm Diameter round boxes	EA	5
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WIRING

Carried to Collection

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 NEW LIVING QUARTERS BLOCK A

R

Supply and install wiring for all power and light circuits. All light circuits will be wired with 2.5mm², plug circuits with 4mm² and circuits feeding isolators with 4mm²

27	2,5mm ² Wiring for light circuits (Red)	m	200
28	2,5mm ² Wiring for light circuits (Black)	m	200
29	2,5mm ² Wiring for light circuits (Copper)	m	200
30	4mm ² Wiring for plug circuits (Red)	m	60
31	4mm ² Wiring for plug circuits (Black)	m	60
32	4mm ² Wiring for plug circuits (Copper)	m	60
33	6mm ² Wiring for alternative circuits	m	12
34	Draw wire	m	250

SOCKET OUTLETS / ISOLATORS / COMMUNICATION / DATA

SOCKET OUTLETS

Stainless steel / brush aluminium 100mm x 100mm with 2 x screws cover plate. Black socket trimming and switch. Complete with yoke and fixing material.

35	Double 16A socket outlet flush (normal)	EA	5
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36	Single 16A socket outlet flush (normal)	EA	2
37	Single 16A socket outlet in watertight weatherbox	EA	1

SWITCHES / LUMINIARIES

LIGHT SWITCHES

Stainless steel / brush aluminium 100mm x 50mm with 2 x screws cover plate. Black socket trimming and switch. Complete with yoke and fixing material.

38	Single lever 1 way light switch.	EA	12
39	Rotary water tight light switch 1 way rated IP 65	EA	2
40	10A Photoelectric outdoor lighting control switch installed on wall	EA	3

LUMINARIES

Supply and install luminaries fixed to structures e.g.: concrete ceiling; Rhino board ceiling and walls. Price shall include lamps and the connecting thereof. Luminaires with battery back-up must be supplied with an additional core (4 core). .

41	Bulkhead: square 274mm x 274mm x 104mm, 2 x PL18, 220V, matt white, electronic ballast, 1 x 18W battery back-up, surface mounted	EA	2
42	Bulkhead: decorative round bulkhead, 2 x PL9 220V, matt white, electronic ballast, surface mounted - bathrooms	EA	2

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 NEW LIVING QUARTERS BLOCK A

43	Bulkhead: round 280mm (d) x 104mm (h), 2 x PL9 220V, matt black, electronic ballast, outside, surface mounted	EA	4	
44	Bulkhead: rectangular 440mm (w) x 320mm (l) x 217mm (h), 125W mercury vapour, matt black complete with decorative skirt assembly, surface mounted	EA	5	
45	Bulkhead: decorative round 280mm (d) x 104mm (h), 2 x PL9 220V, matt black, electronic ballast, surface mounted	EA	5	
46	Emergency exit lighting: single sided illuminated with battery back up ceiling mounted bracket. (down arrow with man running) (dimensions: 330 x 145 x 46 mm)	m	1	
47	Emergency exit lighting: single sided illuminated with battery back up, surface mounted bracket. (horizontal arrow - right, man and stairs, green) (dimensions: 330 x 145 x 46mm)	m	1	
48	Fluorescent: 1.2m tube 2 x 36W, electronic ballast, surface mounted, with LBR Fitting	EA	2	
<u>LIGHTNING PROTECTION</u>				
49	The building will be protected against lightning strikes according to SABS 0313. The successful contractor will use the building reinforce steel at distances not more than 20m apart and connect to the base prior to it being casted. Provide engineer with a compliance certificate.			SUM
50	Allow for Earth resistance tests and reports			SUM
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EARTHING AND BONDING

51 Provide earthing and bonding in all ablution rooms, laundries and kitchens

SUM

GEYSER/HYDROBOIL/HAND DRYERS

52 Supply and install 150l geyser with all valves, piping, etc. to supply the kitchen and bathrooms. Water distribution to form part of the Architects Bill of Materials

EA

2

GENERAL / TESTING AND COMMISSIONING

53 Allow for testing, balancing of Phases and commissioning of the whole electrical installation - lighting and power

SUM

54 Allow for providing detailed manuals and marked up drawings of the electrical services installation to the Engineer

SUM

55 Allow for Certificate of Compliance in terms of the Occupational and Health Safety Act, OSHACT of 1993.

SUM

56 Compliance with OH SACT : Compiling and implementing of Safety Plan and issuing of safety clothes, shoes, gloves etc, as required.

SUM

57 Labelling of all circuits and draw boxes with permanent screw on type labels as described in Project Detailed Specifications.

SUM

Carried to Collection

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58 Supply and install 35mm locally manufactured padlocks and locking devices as well as master keys.(3 sets) with purpose-made pvc labels to lock and unlock all DB's, SDB's and lockable draw boxes.

SUM

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BILL NO. 4

ELECTRICAL INSTALLATION

NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill

Tenderers are advised to study the Department of Public Works - Construction works: General Specification (PW371-A) and Construction works: Particular Specification (PW371-B) before pricing this bill

CONSTRUCTION OF NEW LIVING QUARTERS 2 STOREY

Carried to Collection

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Section No. 4
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NEW LIVING QUARTERS BLOCK B

PROJECT AND QUALITY SPECIFICATIONS

This Bill shall be read in conjunction with the Detailed Electrical Specification as well as the electrical drawings

The project comprises the supply, delivery, installation, testing and commissioning of all the electrical equipment together with other services as specified in the Detailed Specification.

The Tenderer shall be deemed to have perused the above mentioned document and considered fully conversant with the contents and allow for it in his price.

No allowance has been made in the measurement of conductors for additional lengths at connection points and prices for the measured conductors shall be deemed to be included

All DB's, Switch control boxes and draw boxes shall be of 3CR12, 1.6mm thick construction.

Conduits described as "fixed" shall be deemed to include for fixing to all types of surfaces, in chases or casting in or building into walls, etc, and prices shall include for the above

Price for cables shall be deemed to include installation as well as termination of all cables.

MAIN SUPPLY / DISTRIBUTION BOARDS

DISTRIBUTION BOARDS

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 NEW LIVING QUARTERS BLOCK B

R

Supply and install a new distribution board, complete with sheet metal trays, frames, sub-frames, busbars, provision for future circuit breakers, legend card, circuit breakers, switches, relays, earth leakage units, etc. and as detailed on the schematic wiring diagrams. All DB's, switch control boxes and draw boxes shall be of 3CR12, 1.6mm thick construction.

DB - GROUND

Normal

1	40A, 15kA, 2 Pole, Earth Leakage	EA	1
2	20A, 6kA, 1 Pole MCB	EA	1
3	15A, 6kA, 1 Pole MCB	EA	3

DB - 1

Normal

4	40A, 15kA, 2 Pole, Earth Leakage	EA	1
5	15A, 6kA, 1 Pole MCB	EA	2

DB - G1

6	60A, 10kA, 2 Pole MCB	EA	1
7	40A, 15kA, 2 Pole, Earth Leakage	EA	1

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8	20A, 6kA, 2 Pole MCB	EA	1	
9	20A, 6kA, 1 Pole MCB	EA	1	
10	15A, 6kA, 1 Pole MCB	EA	1	
	<u>DB - G2</u>			
11	60A, 10kA, 2 Pole MCB	EA	1	
12	40A, 15kA, 2 Pole, Earth Leakage	EA	1	
13	20A, 6kA, 2 Pole MCB	EA	1	
14	20A, 6kA, 1 Pole MCB	EA	1	
15	15A, 6kA, 1 Pole MCB	EA	1	
	<u>ISOLATORS</u>			
	<u>Supply and install new isolators for air conditioning units, ventilation equipment, stove, geyser, etc. complete with flexible conduit, connectors, compression glands, brackets, etc.</u>			
16	20A 2 pole isolator in watertight box	EA	5	
	<u>CABLES AND BUSBARS</u>			
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Supply and install the following cables drawn through ducts or laid on cable trays. Note that all earth conductors shall be strapped to their respective supply cables at intervals not more than 1m apart

LV CABLES

16mm² 3 Core Copper cable.

17	DB-Ground to DB-G4	m	30
18	16mm ² BCC Earth conductor for above	m	30

LV CABLE TERMINATIONS

Cable terminations to supply cables and earth continuity conductor, to include - cable glands, lugs and connections at Main DB and SDB's

19	16mm ² 3 Core Cable (Indoor)	No	2
20	16mm ² BCC	No	4

RETICULATION

CONDUIT

Supply and install Bosal conduit with support fixings (saddles/ couplings/adaptors), cast in concrete, surface bed or screed, fixed to wood, roof members, suspended ceiling, steel, etc., run in roof space, chased and/or fixed in brickwork including bends

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R

	<u>20 mm diameter conduit</u>		
21	Interior luminaire, communication and data circuits	m	20
	<u>25 mm diameter conduit</u>		
22	Socket outlet, air conditioning and isolator circuits	m	20
23	Exterior Luminaire circuits	m	50
	<u>20 mm Diameter flexible conduit</u>		
24	Supply and install 20mm diameter flexible conduit in 1m lengths with couplings complete.	EA	10
<u>CONDUIT ACCESSORIES AND DRAW BOXES</u>			
<u>Supply and install Bosal conduit accessories and outlet boxes and cover plate to suit number, size or type of entries, fixed onto conduit.</u>			
25	100mm x 100mm x 50mm deep box	EA	10
26	100mm x 50mm x 50mm deep box	EA	5
27	65 mm Diameter round boxes	EA	12

WIRING

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Supply and install wiring for all power and light circuits. All light circuits will be wired with 2.5mm², plug circuits with 4mm² and circuits feeding isolators with 4mm²

28	2,5mm ² Wiring for light circuits (Red)	m	200
29	2,5mm ² Wiring for light circuits (Black)	m	200
30	2,5mm ² Wiring for light circuits (Copper)	m	200
31	4mm ² Wiring for plug circuits (Red)	m	80
32	4mm ² Wiring for plug circuits (Black)	m	80
33	4mm ² Wiring for plug circuits (Copper)	m	80
34	6mm ² Wiring for alternative circuits	m	20
35	Draw wire	m	280

SOCKET OUTLETS / ISOLATORS / COMMUNICATION / DATA

SOCKET OUTLETS

Stainless steel / brush aluminium 100mm x 100mm with 2 x screws cover plate. Black socket trimming and switch. Complete with yoke and fixing material.

36	Double 16A socket outlet flush (normal)	EA	5
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