



public works
& infrastructure

Department:
Public Works and Infrastructure
REPUBLIC OF SOUTH AFRICA

TENDER NO: BID NR : NST23/010

**MPUMALANGA: WITBANK PRISON : REPAIRS AND
MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE**

TENDER DOCUMENT

ISSUED BY:

Department of Public Works and Infrastructure
Private Bag X 11280
Nelspruit
1200

PREPARED BY:

Mavimbela & Associates Quantity Surveyors
15a Fiddes Street
Bronkhorstspuit
1020

NAME OF TENDERER:

TENDERED AMOUNT INCL VAT:

VOLUME 1: TENDERING PROCEDURES

T1.1 Tender Notice and Invitation to Tender

PA 32: INVITATION TO BID PART A

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE (NAME OF DEPARTMENT/ PUBLIC ENTITY)			
BID NUMBER:	NST23/010	CLOSING DATE:	23 June 2023
		CLOSING TIME:	11:00
DESCRIPTION	Mpumalanga: Witbank Prison - Repairs and Maintenance of Building and Civil Infrastructure		
THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (DPW04.1 GS or DPW04.2 GS).			

BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID
BOX SITUATED AT (STREET ADDRESS)

30 Brown Street, Nedbank Building, 9th Floor Mbombela

OR POSTED TO:

SUPPLIER INFORMATION

NAME OF BIDDER			
POSTAL ADDRESS			
STREET ADDRESS			
TELEPHONE NUMBER	CODE		NUMBER
CELLPHONE NUMBER			
FACSIMILE NUMBER	CODE		NUMBER
E-MAIL ADDRESS			
VAT REGISTRATION NUMBER			
	TCS PIN:		OR CSD No:
SIGNATURE OF BIDDER			DATE
CAPACITY UNDER WHICH THIS BID IS SIGNED (Attach proof of authority to sign this bid; e.g. resolution of directors, etc.)			

TOTAL NUMBER OF ITEMS OFFERED		TOTAL BID PRICE ('ALL APPLICABLE TAXES)	R
BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO:		TECHNICAL INFORMATION MAY BE DIRECTED TO:	
DEPARTMENT/ PUBLIC ENTITY		CONTACT PERSON	
CONTACT PERSON		TELEPHONE NUMBER	
TELEPHONE NUMBER		FACSIMILE NUMBER	
FACSIMILE NUMBER		E-MAIL ADDRESS	
E-MAIL ADDRESS			

PART B TERMS AND CONDITIONS FOR BIDDING

1.	BID SUBMISSION:
1.1.	BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.
1.2.	ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED-(NOT TO BE RE-TYPED) OR ONLINE
1.3.	BIDDERS MUST REGISTER ON THE CENTRAL SUPPLIER DATABASE (CSD) TO UPLOAD MANDATORY INFORMATION NAMELY: (BUSINESS REGISTRATION/ DIRECTORSHIP/ MEMBERSHIP/IDENTITY NUMBERS; TAX COMPLIANCE STATUS; AND BANKING INFORMATION FOR VERIFICATION PURPOSES).
1.4.	WHERE A BIDDER IS NOT REGISTERED ON THE CSD, MANDATORY INFORMATION NAMELY: (BUSINESS REGISTRATION/ DIRECTORSHIP/ MEMBERSHIP/IDENTITY NUMBERS; TAX COMPLIANCE STATUS MAY NOT BE SUBMITTED WITH THE BID DOCUMENTATION.

1.5. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT 2000 AND THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER LEGISLATION OR SPECIAL CONDITIONS OF CONTRACT.

2. TAX COMPLIANCE REQUIREMENTS

- 2.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.
- 2.2 BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VIEW THE TAXPAYER'S PROFILE AND TAX STATUS.
- 2.3 APPLICATION FOR TAX COMPLIANCE STATUS (TCS) OR PIN MAY ALSO BE MADE VIA E-FILING. IN ORDER TO USE THIS PROVISION, TAXPAYERS WILL NEED TO REGISTER WITH SARS AS E-FILERS THROUGH THE WEBSITE WWW.SARS.GOV.ZA.
- 2.4 BIDDERS MAY ALSO SUBMIT A PRINTED TCS TOGETHER WITH THE BID.
- 2.5 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE PROOF OF TCS / PIN / CSD NUMBER.
- 2.6 WHERE NO TCS IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.

3. QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS

- 3.1. IS THE BIDDER A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)? ☐ YES ☐ NO
- 3.2. DOES THE BIDDER HAVE A BRANCH IN THE RSA? ☐ YES ☐ NO
- 3.3. DOES THE BIDDER HAVE A PERMANENT ESTABLISHMENT IN THE RSA? ☐ YES ☐ NO
- 3.4. DOES THE BIDDER HAVE ANY SOURCE OF INCOME IN THE RSA? ☐ YES ☐ NO

IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN, IT IS NOT A REQUIREMENT TO OBTAIN A TAX COMPLIANCE STATUS / TAX COMPLIANCE SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 ABOVE.

NB: FAILURE TO PROVIDE ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID.

Note Well:

- a) In respect of non VAT vendors the bidders may not increase the bid price under Section 67(1) of the Value Added Tax Act of 1991 where the relevant transaction would become subject to VAT by reason of the turnover threshold being exceeded and the bidder becomes liable for VAT.
- b) **All delivery costs must be included in the bid price, for delivery at the prescribed destination.**
- c) The price that appears on this form is the one that will be considered for acceptance as **a firm and final offer**.
- d) The grand total in the pricing schedule(s), inclusive of VAT, attached to the bid offer must correlate and be transferred to this form (PA32).
- e) Where there are inconsistencies between the grand total price offer in the pricing schedule(s) and the PA32 price offer, the price offer on the PA32 shall prevail and deemed to be firm and final. No further correspondence shall be entered into in this regard.

¹ All applicable taxes" includes value- added tax, pay as you earn, income tax, unemployment insurance fund contributions and skills development levies

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

THE DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE INVITES TENDERS FOR:

Project title:	Mpumalanga: Witbank Prison - Repairs and Maintenance of Building and Civil Infrastructure
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Tender no:	NST23/010	Reference no:	
Advertising date:	25 May 2023	Closing date:	23 June 2023
Closing time:	11:00	Validity period:	59 Calendar days

1. REQUIRED CIDB GRADING

It is estimated that tenderers should have a CIDB contractor grading designation of **8 GB** or **8 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 **7 GB PE** or **7 GB PE*** or higher.

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

2. RESPONSIVENESS CRITERIA

2.1 Substantive responsiveness criteria

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

1	☒	Only those tenderers who satisfy the eligibility criteria stated in the Tender Data may submit tenders.
2	☒	Tender offer must be properly received on the tender closing date and time specified on the invitation, fully completed either electronically (if issued in electronic format), or by writing legibly in non-erasable ink. (All as per Standard Conditions of Tender).
3	☒	Use of correction fluid is prohibited.
4	☒	Registration on National Treasury's Central Supplier Database.
5	☒	Submission of (DPW-07 EC): Form of Offer and Acceptance.
6	☒	Submission of DPW-09 (EC): Particulars of Tenderer's Projects.
7	☒	Submission of DPW-16 (EC): Site Inspection Meeting Certificate
8	☐	Submission of record of attending compulsory virtual bid clarification / site inspection meeting.
9	☒	Submission of DPW-21 (EC): Record of Addenda to tender documents
10	☐	The tenderer shall submit his fully priced Bills of Quantities / Lump Sum Document (complete document inclusive of all parts) together with his tender.

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11	☒	The tenderer shall submit his fully priced and completed sectional summary- and final summary pages with the tender.
12	☐	All parts of tender documents submitted must be fully completed in ink and signed where required
13	☒	Registration on CSD

2.2 Administrative responsiveness criteria

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

1	☒	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	☒	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	☐	Submission of (PA-09 (EC)): List of Returnable Documents
4	☒	Submission of (PA-11): Bidder's disclosure.
5	☒	Submission of (PA-16): Preference Points Claim Form in terms of the Preferential Procurement Regulations 2022
6	☒	Submission of (PA 40): Declaration of Designated Groups for Preferential Procurement.
7	☒	Submission of proof of Registration on National Treasury's Central Supplier Database (CSD).
8	☒	Submission of DPW-15 (EC): Schedule of proposed sub-contractors
9	☒	The tenderer shall submit his fully priced Bills of Quantities (complete document inclusive of all parts) within 14 days from request.
10	☒	Upon request, submission of fingerprints obtainable from local SAPS including any other additional documentation and information required for vetting purposes.
11	☒	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.
12	☐	

3. Method to be used to calculate points for specific goals

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.				
☐	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.	10	ID Copy. or SANAS Accredited BBBEE Certificate/ Sworn Affidavit. or CSD Report. or CIPC (Company 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".

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Version: 2023/03



	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 Registrations)
	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 (NCPDPA)
	5.	An EME or QSE which is at least 51% owned by youth.	2	ID Copy or CSD Report Or CIPC

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



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.	10	ID Copy. or SANAS Accredited BBBEE Certificate/ Sworn Affidavit. 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 Registrations)
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

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".

☒				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 (Mandatory)	2	ID Copy or CSD Report Or CIPC
	<u>For procurement transaction with rand value greater than R50 Million (Inclusive of all applicable taxes) the specific goals listed below are applicable.</u>			
	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 which is at least 51% owned by black people.	4	ID Copy. or SANAS Accredited BBBEE Certificate/ Sworn Affidavit. 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	2	ID Copy or CSD Report or CIPC (Company Registrations)
	4. ☐	An EME or QSE which is at least 51% owned by people with disability (Mandatory)	2	Medical Certificate or South African Social Security Agency (SASSA) Registration or National Council for Persons with Physical Disability in South Africa registration (NCPDPSA)
	OR			
	5. ☐	An EME or QSE which is at least 51% owned by youth (Mandatory)	2	ID Copy or CSD Report Or CIPC
NB. (The use of this goal is mandatory however the BSC must select either one of the two and not both)				

4. Functionality criteria:

Note: All bids involving the acquisition of engineering and construction works from cidb Grade 3 and above are subjected to functionality.

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

Functionality criteria:	Weighting factor:
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WORKFORCE = 15 WORKFORCE 1 = 2 POINTS: The Contractor must provide proof of workforce or ability to provide workforce to execute the project. Contractor to provide a recognised artisan certificate and ID of bricklayer. Certified copies of the original document. Bricklayers 3 and more = 5 Points 2 = 3 Points 1 = 2 Points 0 or no information = 0 Points WORKFORCE 2 = 3 POINTS. The Contractor must provide proof of workforce or ability to provide workforce to execute the Project. Contractor to provide a recognised artisan certificate and ID for Tiler. Certified copies of the original document Tilers 2 or more = 5 Points 1 = 3 Points 0 or no informaion = 0 Points WORKFORCE 3 = 3 POINTS. The Contractor must provide proof of workforce or ability to provide workforce to execute the project. Contractor to provide a recognised artisan certificate and ID for Plumber. Certified copies of the original document. Plumbers 2 or more = 5 POINTS 1 = 3 POINTS 0 or no information = 0 POINTS WORKFORCE 4 = 2 POINTS. The Contractor must provide proof of workforce or ability to provide workforce to execute the project. Contractor to provide a recognised artisan certificate and ID for Electrician. Certified copies of the original document. Electricians 1 or more = 5 POINTS 0 or no information WORKFORCE 5 = 2 POINTS. The Contractor must provide proof of workforce or ability to provide workforce to execute the project. Contractor to provide a recognised artisan certificate and ID for HVAC Technician. Certified copies of the original document. HVAC 3 and more = 5 POINTS 2 = 3 POINTS 1 = 2 POINTS 0 or no information = 0 POINTS WORKFORCE 6 = 3 POINTS. The Contractor must provide proof of workforce or ability to provide workforce to execute the project. Contractor to provide a recognised artisan certificate and ID for Painter. Certified copies of the original document	15
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3 and more = 5 POINTS 2 = 3 POINTS 1 = 2 POINTS 0 or no information = 0 POINTS	
EQUIPMENT AND PLANT = 10 - Evidence of Plant, equipment and utility vehicle retained by the bidder to execute the project Bidder must attach proof of ownership or confirmation of hire as evidence for the utility vehicle, plant and equipment such as concrete mixers, scaffolding, compactor. Points for ownership CONCRETE MIXER = 2 1 Concrete mixer = 5 POINTS 0 Concrete mixer = 0 POINTS SCAFFOLDING = 3 1 Scaffolding = 5 POINTS 0 Scaffolding = 0 POINTS COMPACTOR = 2 1 Compactor = 5 POINTS 0 Compactor = 0 POINTS UTILITY VEHICLES = 3 3 Utility vehicles = 5 POINTS 2 Utility vehicles = 4 POINTS 1 Utility vehicle = 3 POINTS 0 Utility vehicle = 0 POINTS Points for Hiring CONCRETE MIXER = 2 1 Concrete mixer = 3 POINTS 0 Concrete mixer = 0 POINTS SCAFFOLDING = 3 1 Scaffolding = 3 POINTS 0 Scaffolding = 0 POINTS COMPACTOR = 2 1 Compactor = 3 POINTS 0 Compactor = 0 POINTS UTILITY VEHICLES = 3 3 Utility vehicle = 3 POINTS 2 Utility vehicle = 2 POINTS 1 Utility vehicle = 1 POINTS 0 Utility vehicle = 0 points	10

FINANCIAL CREDIBILITY = 30 - Provide Bank rating letter from banking institution to justify Credit risk Grade A = 5 POINTS Grade B = 4 POINTS Grade C = 3 POINTS Grade D = 2 POINTS Grade E = 1 POINT or proof of banking details with no rating Provided	30
MANAGEMENT 1 - (Current projects) = 30 Contractor to provide appointment letters and a fully completed DPW 09 (EC) attached in the Tender Document Completed Projects Contractor to provide completion certificate and appointment letters of a similar project and fully completed DPW 09 (EC) attached in the Tender Document. 5 Projects and more with = 5 POINTS 4 Projects = 4 POINTS 3 Projects = 3 POINTS 2 Projects = 2 POINTS 1 Projects = 1 POINTS No project = 0 POINTS	30
MANAGEMENT 2 - (SITE FOREMAN/AGENT) = 15 The bidder must attach CV and Qualification of either one of the following disciplines under built environment (Civil, Structural, Mechanical, Electrical, Quantity Surveyor, Construction Project Manager and Architect Relevant qualification and 8 or more years experience = 5 POINTS Relevant qualification and 6-7 years experience = 4 POINTS Relevant qualification and 4-5 years experience = 3 POINTS Relevant qualification and 2-3 years experience = 2 POINTS Relevant qualification and 1 year experience = 1 POINTS Relevant qualification and 0 - 11 months experience = 0 POINTS	15
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:	65
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(Total minimum qualifying score for functionality is 50 Percent, any deviation below or above the 50 Percent, provide motivation below)

5. BID EVALUATION METHOD

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

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

6. 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.

6.1 Technical risks:

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

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

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

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

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

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

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;

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".

6. Personnel resources: suitably qualified and experienced, turnover in site staff and labour force, specifically site manager and foreman;
7. Personnel management: extent of labour disputes and ability to resolving labour disputes amicably;
8. Sub-contractors: extent of turnover in subcontractors, general liaison and payment problems experienced;
9. Contract administration: contractual aspects such as complying to laws and regulations, insurances, security, submission of required documentation timeously, reaction to written contract instructions, appointments of subcontractors, etc. as can generally be expected in standard/normal conditions of contract.
10. Health & Safety: adherence to regulations and compliance, and number of transgressions & serious incidents.
11. Plant & equipment: sufficient resources on site and in time.
12. Delays: extent of causing delays, submission of claims timeously, and abuse of or exaggerated delay claims.
13. Final account: extent to which the contractor assisted in finalising the final account.

Criterion 3: Suitably qualified and appropriately experienced human resources

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

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

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

6.2 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.

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

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

(a)	Minimum Targeted Local Manufacturers of Material Contract Participation Goal, in accordance with the cidb Standard for Contract Participation Goals for Targeting Enterprises and Labour through Construction Works Contracts as published in the Government Gazette Notice No. 41237 of 10 November 2017, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract.	Applicable
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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".

(b)	Minimum Targeted Local Building Material Suppliers Contract Participation Goal in accordance with the cidb Standard for Contract Participation Goals for Targeting Enterprises and Labour through Construction Works Contracts as published in the Government Gazette Notice No. 41237 of 10 November 2017, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract.	Applicable
(c)	Minimum Targeted Local Labour Skills Development Contract Participation Goal in accordance with the cidb Standard for Contract Participation Goals for Targeting Enterprises and Labour through Construction Works Contracts as published in the Government Gazette Notice No. 41237 of 10 November 2017, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract.	Applicable
(d)	cidb BUILD Programme: Minimum Targeted Enterprise Development Contract Participation Goal in accordance with the cidb Standard for Indirect Targeting for Enterprise Development through Construction Works Contracts, No 36190 Government Gazette, 25 February 2013, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract.	Applicable
(e)	cidb BUILD Programme: Minimum Targeted Contract Skills Development Goal in accordance with the cidb Standard for Developing Skills through Infrastructure Contracts as published in the Government Gazette Notice No. 43495 of 3 July 2020, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract.	Applicable

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(f)	DPWI National Youth Service training and development programme (NYS) – Condition of Contract.	Applicable
(g)	Labour Intensive Works – Condition of Contract.	Applicable
(h)		Select
(i)		Select

8. 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 30 Brown Street, Nedbank Building, Mbombela, 1201. A non-refundable bid deposit of R 1000.00 is payable (cash only) on collection of the bid documents.

9. SITE INSPECTION MEETING

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

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

Venue:	Witbank Prison (Paxton) Old Verena Road Emalahleni		
Virtual meeting link:	"N/A"		
Date:	05 June 2023	Starting time:	11:00am

10. ENQUIRIES

Enquiries related to tender documents may be addressed to:

DPWI Project Manager:	Cyreal Sekatane	Telephone no:	013 753 6312
Cellular phone no:	066 483 9990	Fax no:	
E-mail:	Cyreal.Sekatane@dpw.gov.za		

11. DEPOSIT / RETURN OF TENDER DOCUMENTS

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

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

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

Tender documents may be posted to: The Director-General Department of Public Works and Infrastructure Private Bag X insert bag no insert town insert postal code Attention: Procurement section: Room 7th Floor	OR	Deposited in the tender box at: 30 Brown Street Nedbank Building 7th Floor
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12. COMPILED BY:

Cyreal Sekatane		
Name of Project Manager	Signature	Date

T1.2 Tender Data

DPW-03 (EC): TENDER DATA

Project title:	<i>Mpumalanga: Witbank Prison - Repairs and Maintenance of Building and Civil Infrastructure</i>
Reference no:	

Tender no:	<i>NST23/010</i>	Closing date:	<i>23 June 2023</i>
Closing time:	<i>11:00</i>	Validity period:	<i>59 days</i>

Clause number:	
	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). 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. Each item of data given below is cross-referenced to the clause marked "C" in the above mentioned Standard Conditions of Tender.
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	For this contract the three volume approach is adopted. This procurement document has been formatted and compiled under the headings as contained in the CIDB's "Standard for Uniformity in Construction Procurement." The three volume procurement document issued by the employer comprises the following: Volume 1: Tendering procedures T1.1 - Notice and invitation to tender (PA-04 EC) T1.2 - Tender data (DPW-03 EC) 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 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) 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) Part C3: Scope of work C3 - Scope of work (PG-01.2 EC or PG-01.1EC) Part C4: Site information C4 - Site information (PG-03.2 EC or PG03.1EC)

Tender no: NST23/010

C.1.4	The Employer's agent is:	
	Name:	Cyreal Sekatane
	Capacity:	Departmental Project Manager
	Address:	30 Brown Street Nedbank Building, 7th Floor Mbombela
	Tel:	013 753 6312
	Fax:	Insert fax of agent
	E-mail:	Cyreal.Sekatane@dpw.gov.za
A. <u>ELIGIBILITY IN RESPECT OF CIDB REGISTRATION:</u> 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): 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 8GB or 8GB** class of construction work; and b) contractors registered as potentially emerging enterprises with the CIDB who are registered in one contractor grading designation lower than that required in terms of a) above Joint ventures are eligible to submit tenders provided that: 1. every member of the joint venture is registered with the CIDB; 2. the lead partner has a contractor grading designation in the 8GB or 8GB** class of construction work; and 3. the combined contractor grading designation calculated in accordance with the Construction Industry Development Regulations is equal to or higher than a contractor grading designation determined in accordance with the sum tendered, or a value determined in accordance with Regulation 25 (1B) or 25 (7A) of the Construction Industry Development Regulations for a 8GB or 8GB** class of construction work ** Delete "or select tender value range select class of construction works" where only one class of construction works is applicable 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. - Applicable		

Tender no: NST23/010

B. INDICATE THE FUNCTIONALITY WEIGHTING APPLICABLE TO THIS BID:

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

Functionality Criteria	Weighting Factor
WORKFORCE = 15 WORKFORCE 1 = 2 POINTS: The Contractor must provide proof of workforce or ability to provide workforce to execute the project. Contractor to provide a recognised artisan certificate and ID of bricklayer. Certified copies of the original document. Bricklayers 3 and more = 5 Points 2 = 3 Points 1 = 2 Points 0 or no information = 0 Points WORKFORCE 2 = 3 POINTS. The Contractor must provide proof of workforce or ability to provide workforce to execute the Project. Contractor to provide a recognised artisan certificate and ID for Tiler. Certified copies of the original document Tilers 2 or more = 5 Points 1 = 3 Points 0 or no information = 0 Points WORKFORCE 3 = 3 POINTS. The Contractor must provide proof of workforce or ability to provide workforce to execute the project. Contractor to provide a recognised artisan certificate and ID for Plumber. Certified copies of the original document. Plumbers 2 or more = 5 POINTS 1 = 3 POINTS 0 or no information = 0 POINTS WORKFORCE 4 = 2 POINTS. The Contractor must provide proof of workforce or ability to provide workforce to execute the project. Contractor to provide a recognised artisan certificate and ID for Electrician. Certified copies of the original document. Electricians 1 or more = 5 POINTS 0 or no information WORKFORCE 5 = 2 POINTS. The Contractor must provide proof of workforce or ability to provide workforce to execute the project. Contractor to provide a recognised artisan certificate and ID for HVAC Technician. Certified copies of the original document. HVAC 3 and more = 5 POINTS 2 = 3 POINTS 1 = 2 POINTS	15

	0 or no information = 0 POINTS WORKFORCE 6 = 3 POINTS. The Contractor must provide proof of workforce or ability to provide workforce to execute the project. Contractor to provide a recognised artisan certificate and ID for Painter. Certified copies of the original document Painters 3 and more = 5 POINTS 2 = 3 POINTS 1 = 2 POINTS 0 or no information = 0 POINTS	
	EQUIPMENT AND PLANT = 10 - Evidence of Plant, equipment and utility vehicle retained by the bidder to execute the project Bidder must attach proof of ownership or confirmation of hire as evidence for the utility vehicle, plant and equipment such as concrete mixers, scaffolding, compactor. Points for ownership CONCRETE MIXER = 2 1 Concrete mixer = 5 POINTS 0 Concrete mixer = 0 POINTS SCAFFOLDING = 3 1 Scaffolding = 5 POINTS 0 Scaffolding = 0 POINTS COMPACTOR = 2 1 Compactor = 5 POINTS 0 Compactor = 0 POINTS UTILITY VEHICLES = 3 3 Utility vehicles = 5 POINTS 2 Utility vehicles = 4 POINTS 1 Utility vehicle = 3 POINTS 0 Utility vehicle = 0 POINTS Points for Hiring CONCRETE MIXER = 2 1 Concrete mixer = 3 POINTS 0 Concrete mixer = 0 POINTS SCAFFOLDING = 3 1 Scaffolding = 3 POINTS 0 Scaffolding = 0 POINTS COMPACTOR = 2	10

	1 Compactor = 3 POINTS 0 Compactor = 0 POINTS UTILITY VEHICLES = 3 3 Utility vehicle = 3 POINTS 2 Utility vehicle = 2 POINTS 1 Utility vehicle = 1 POINTS 0 Utility vehicle = 0 points	
	FINANCIAL CREDIBILITY = 30 - Provide Bank rating letter from banking institution to justify Credit risk Grade A = 5 POINTS Grade B = 4 POINTS Grade C = 3 POINTS Grade D = 2 POINTS Grade E = 1 POINT or proof of banking details with no rating Provided	30
	MANAGEMENT 1 - (Current projects) = 30 Contractor to provide appointment letters and a fully completed DPW 09 (EC) attached in the Tender Document Completed Projects Contractor to provide completion certificate and appointment letters of a similar project and fully completed DPW 09 (EC) attached in the Tender Document. 5 Projects and more with = 5 POINTS 4 Projects = 4 POINTS 3 Projects = 3 POINTS 2 Projects = 2 POINTS 1 Projects = 1 POINTS No project = 0 POINTS	30
	MANAGEMENT 2 - (SITE FOREMAN/AGENT) = 15 The bidder must attach CV and Qualification of either one of the following disciplines under built environment (Civil, Structural, Mechanical, Electrical, Quantity Surveyor, Construction Project Manager and Architect Relevant qualification and 8 or more years experience = 5 POINTS Relevant qualification and 6-7 years experience = 4 POINTS Relevant qualification and 4-5 years experience = 3 POINTS Relevant qualification and 2-3 years experience = 2 POINTS Relevant qualification and 1 year experience = 1 POINTS Relevant qualification and 0 - 11 months experience = 0 POINTS	15
	Total	100 Points
<i>(Weightings will be multiplied by the scores allocated during the evaluation process to arrive at the total functionality points)</i>		
	Minimum functionality score to qualify for further evaluation:	65

	(Total minimum qualifying score for functionality is 50 Percent). C ELIGIBILITY IN RESPECT OF RISK TO EMPLOYER: Provisions applicable to Evaluation Method 1 and 2: 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 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 Project Manager, failing which the tender offer will <i>mutatis mutandis</i> be declared non-responsive. C.1. Technical risks: C.1.1 Criterion 1: Quality of current and previous work Quality of current and previous work performed by the Tenderer in the class of construction work stated above as per the evaluation report prepared by the Professional 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). C.1.2 Criterion 2: Contractual commitment Adherence to contractual commitments, demonstrated by the Tenderer in the performance on current and previous work, evaluated in terms of: a) 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; b) the degree to which previous projects have been completed within the contractual completion periods and/or extensions thereto; and c) general contract administration, i.e. compliance with contractual aspects such as laws and regulations, insurances, security, written contract instructions, subcontractors, time delay claims, etc as can generally be expected in standard/normal conditions of contract. C.2 Commercial risks: The level to which agreement with the Tenderer is reached in respect of the adjustment of rates which are considered to be imbalanced or unreasonable and to eliminate errors or discrepancies, without changing the tendered total price, over and above the correction of arithmetical errors as provided for in C.3.9.
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Tender no: NST23/010

C.2.7	For particulars regarding a pre-tender site inspection meeting, see Notice and Invitation to Tender T1.1
C.2.12	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. 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. 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. 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. Alternative tender offer permitted: Yes ☐ No ☒
C.2.13.2	The list of Returnable Documents identifies which of the documents a tenderer must complete when submitting a tender offer. The tenderer must submit his tender offer by completing the Returnable Documents, signing the "Offer" section in the "Form of Offer and Acceptance" and delivering the Returnable Documents back to the Department.
C.2.13.5	The Employer's address for delivery of tender offers and identification details to be shown on each tender offer package are as per Notice and Invitation to Tender T1.1.
C.2.13.6 C.3.5	A two-envelope procedure will not be followed.
C.2.15	The closing time for submission of tender offers is as per Notice and Invitation to Tender T1.1.
C.2.16	The tender offer validity period is as per Notice and Invitation to Tender T1.1.
C2.16.3	Omit the wording of the last sentence for those projects which are subject to CPAP
C.2.18	The tenderer will be required to submit his fully priced Bills of Quantities / Lump Sum Document (complete document inclusive of all parts): ☒ Together with his tender; or ☐ Within fourteen (14) calendar days of the date on which he has been requested to do so prior to the award of the contract.
C.2.19	Access shall be provided for inspections, tests and analysis as may be required by the Employer.
C.3.4.1 C.3.4.2	The location for opening of the tender offers, immediately after the closing time thereof shall be at: 30 Brown Street, Nedbank Building, Nelspruit, 1201
C.3.8	The words "responsive tender" and "acceptable tender" shall be construed to have the same meaning.
C.3.9.3	Omit the wording and replace with the following: "Notify the tenderer of all errors, omissions and/or rate imbalances that are identified in the tender offer and request the tenderer to, within a stipulated time, accept the total of prices as corrected in accordance with C.3.9.4."

Tender no: NST23/010

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.

Particulars of tender (If applicable)

Tender number

Estimated Tender
amount

R

Expected duration
of the tender

year(s)

Particulars of the 3 largest contracts previously awarded

Date started

Date finalised

Principal

Contact person

Telephone number

Amount

AuditAre you currently aware of any Audit investigation against you/the company?
If "YES" provide details

YES

NO

Appointment of representative/agent (Power of Attorney)

I the undersigned confirm that I require a Tax Clearance Certificate in respect of Tenders or Goodstanding.

I hereby authorise and instruct

SARS the applicable Tax Clearance Certificate on my/our behalf.

to apply to and receive from

Signature of representative/agent
Name of
representative/
agent

Date

Declaration

I declare that the information furnished in this application as well as any supporting documents is true and correct in every respect.

Signature of applicant/Public Officer
Name of applicant/
Public Officer

Date

Notes:

1. It is a serious offence to make a false declaration.
2. Section 75 of the Income Tax Act, 1962, states: Any person who
 - (a) fails or neglects to furnish, file or submit any return or document as and when required by or under this Act; or
 - (b) without just cause shown by him, refuses or neglects to:
 - (i) furnish, produce or make available any information, documents or things;
 - (ii) reply to or answer truly and fully, any questions put to him ...As and when required in terms of this Act ... shall be guilty of an offence ...
3. SARS will, under no circumstances, issue a Tax Clearance Certificate unless this form is completed in full.
4. Your Tax Clearance Certificate will only be issued on presentation of your South African Identity Document or Passport (Foreigners only) as applicable.

**VOLUME 2: RETURNABLE
DOCUMENTS**

**VOLUME 2: RETURNABLE
DOCUMENTS**

T2.1 List Of Returnable Documents

PA-09 (EC): LIST OF RETURNABLE DOCUMENTS

Project title:	Mpumalanga: Witbank Prison - Repairs and Maintenance of Building and Civil Infrastructure		
Tender / Quote no:	NST23/010	Reference no:	
Receipt Number:			

1. RETURNABLE DOCUMENTS REQUIRED FOR TENDER EVALUATION PURPOSES

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

Tender document name	Number of pages issued	Returnable document
Form of Offer and Acceptance (DPW-07 EC)	4 Pages	Yes
Declaration of Interest and Tenderer's Past Supply Chain Management Practices (PA-11)	4 Pages	Yes
Submission of (PA-29): Certificate of Independent Bid Determination	4 Pages	Yes
Resolution of Board of Directors (PA-15.1) <i>(if applicable)</i>	1 Page	Yes
Resolution of Board of Directors to enter into Consortia or JV's (PA-15.2) <i>(if applicable)</i>	2 Pages	Yes
Special Resolution of Consortia or JV's (PA-15.3) <i>(if applicable)</i>	3 Pages	Yes
Site Inspection Meeting Certificate (DPW-16 EC) <i>(if applicable)</i>	1 Page	Yes
Particulars of Tenderer's Projects (DPW-09 EC)		

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 F.2.18 of the Standard Conditions of Tender]

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

3. RETURNABLE DOCUMENTS THAT WILL BE INCORPORATED INTO THE CONTRACT

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

Tender document name	Number of pages issued	Returnable document
Record of Addenda to tender documents (DPW-21 EC) <i>(if applicable)</i>	1 Page	Yes
Schedule of proposed sub-contractors (DPW-15 EC) <i>(if applicable)</i>	1 Page	Yes
Particulars of Electrical Contractor (DPW-22 EC) <i>(if applicable)</i>	1 Page	Yes

Mechanical / Electrical / Security Work material and equipment schedules (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)	257 Pages	☒ Yes ☐ No
	Pages	☐ Yes ☐ No
	Pages	☐ Yes ☐ No
	Pages	☐ Yes ☐ No
	Pages	☐ Yes ☐ No

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

Legal Status of Tendering Entity:	Documentation to be submitted with the tender, or which may be required during the tender evaluation:
If the Tendering Entity is:	
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.



List of Returnable Documents: PA-09 (EC)

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

DPW-03 (EC): TENDER DATA

Project title:	<i>Mpumalanga: Witbank Prison - Repairs and Maintenance of Building and Civil Infrastructure</i>
Reference no:	

Tender no:	<i>NST23/010</i>	Closing date:	<i>23 June 2023</i>
Closing time:	<i>11:00</i>	Validity period:	<i>59 days</i>

Clause number:	
	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). 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. Each item of data given below is cross-referenced to the clause marked "C" in the above mentioned Standard Conditions of Tender.
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	For this contract the three volume approach is adopted. This procurement document has been formatted and compiled under the headings as contained in the CIDB's "Standard for Uniformity in Construction Procurement." The three volume procurement document issued by the employer comprises the following: Volume 1: Tendering procedures T1.1 - Notice and invitation to tender (PA-04 EC) T1.2 - Tender data (DPW-03 EC) 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 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) 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) Part C3: Scope of work C3 - Scope of work (PG-01.2 EC or PG-01.1EC) Part C4: Site information C4 - Site information (PG-03.2 EC or PG03.1EC)

Tender no: **NST23/010**

C.1.4	The Employer's agent is:	
	Name:	Cyreal Sekatane
	Capacity:	Departmental Project Manager
	Address:	30 Brown Street Nedbank Building, 7th Floor Mbombela
	Tel:	013 753 6312
	Fax:	Insert fax of agent
	E-mail:	Cyreal.Sekatane@dpw.gov.za

A. <u>ELIGIBILITY IN RESPECT OF CIDB REGISTRATION:</u> 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): 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 8GB or 8GB** class of construction work; and b) contractors registered as potentially emerging enterprises with the CIDB who are registered in one contractor grading designation lower than that required in terms of a) above Joint ventures are eligible to submit tenders provided that: 1. every member of the joint venture is registered with the CIDB; 2. the lead partner has a contractor grading designation in the 8GB or 8GB** class of construction work; and 3. the combined contractor grading designation calculated in accordance with the Construction Industry Development Regulations is equal to or higher than a contractor grading designation determined in accordance with the sum tendered, or a value determined in accordance with Regulation 25 (1B) or 25 (7A) of the Construction Industry Development Regulations for a 8GB or 8GB** class of construction work ** Delete "or select tender value range select class of construction works" where only one class of construction works is applicable 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. - Applicable
--

Tender no: **NST23/010**

B. INDICATE THE FUNCTIONALITY WEIGHTING APPLICABLE TO THIS BID:

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

Functionality Criteria	Weighting Factor
WORKFORCE = 15 WORKFORCE 1 = 2 POINTS: The Contractor must provide proof of workforce or ability to provide workforce to execute the project. Contractor to provide a recognised artisan certificate and ID of bricklayer. Certified copies of the original document. Bricklayers 3 and more = 5 Points 2 = 3 Points 1 = 2 Points 0 or no information = 0 Points WORKFORCE 2 = 3 POINTS. The Contractor must provide proof of workforce or ability to provide workforce to execute the Project. Contractor to provide a recognised artisan certificate and ID for Tiler. Certified copies of the original document Tilers 2 or more = 5 Points 1 = 3 Points 0 or no information = 0 Points WORKFORCE 3 = 3 POINTS. The Contractor must provide proof of workforce or ability to provide workforce to execute the project. Contractor to provide a recognised artisan certificate and ID for Plumber. Certified copies of the original document. Plumbers 2 or more = 5 POINTS 1 = 3 POINTS 0 or no information = 0 POINTS WORKFORCE 4 = 2 POINTS. The Contractor must provide proof of workforce or ability to provide workforce to execute the project. Contractor to provide a recognised artisan certificate and ID for Electrician. Certified copies of the original document. Electricians 1 or more = 5 POINTS 0 or no information WORKFORCE 5 = 2 POINTS. The Contractor must provide proof of workforce or ability to provide workforce to execute the project. Contractor to provide a recognised artisan certificate and ID for HVAC Technician. Certified copies of the original document. HVAC 3 and more = 5 POINTS 2 = 3 POINTS 1 = 2 POINTS	15

	0 or no information = 0 POINTS WORKFORCE 6 = 3 POINTS. The Contractor must provide proof of workforce or ability to provide workforce to execute the project. Contractor to provide a recognised artisan certificate and ID for Painter. Certified copies of the original document Painters 3 and more = 5 POINTS 2 = 3 POINTS 1 = 2 POINTS 0 or no information = 0 POINTS	
	EQUIPMENT AND PLANT = 10 - Evidence of Plant, equipment and utility vehicle retained by the bidder to execute the project Bidder must attach proof of ownership or confirmation of hire as evidence for the utility vehicle, plant and equipment such as concrete mixers, scaffolding, compactor. Points for ownership CONCRETE MIXER = 2 1 Concrete mixer = 5 POINTS 0 Concrete mixer = 0 POINTS SCAFFOLDING = 3 1 Scaffolding = 5 POINTS 0 Scaffolding = 0 POINTS COMPACTOR = 2 1 Compactor = 5 POINTS 0 Compactor = 0 POINTS UTILITY VEHICLES = 3 3 Utility vehicles = 5 POINTS 2 Utility vehicles = 4 POINTS 1 Utility vehicle = 3 POINTS 0 Utility vehicle = 0 POINTS Points for Hiring CONCRETE MIXER = 2 1 Concrete mixer = 3 POINTS 0 Concrete mixer = 0 POINTS SCAFFOLDING = 3 1 Scaffolding = 3 POINTS 0 Scaffolding = 0 POINTS COMPACTOR = 2	10



	1 Compactor = 3 POINTS 0 Compactor = 0 POINTS UTILITY VEHICLES = 3 3 Utility vehicle = 3 POINTS 2 Utility vehicle = 2 POINTS 1 Utility vehicle = 1 POINTS 0 Utility vehicle = 0 points	
	FINANCIAL CREDIBILITY = 30 - Provide Bank rating letter from banking institution to justify Credit risk Grade A = 5 POINTS Grade B = 4 POINTS Grade C = 3 POINTS Grade D = 2 POINTS Grade E = 1 POINT or proof of banking details with no rating Provided	30
	MANAGEMENT 1 - (Current projects) = 30 Contractor to provide appointment letters and a fully completed DPW 09 (EC) attached in the Tender Document Completed Projects Contractor to provide completion certificate and appointment letters of a similar project and fully completed DPW 09 (EC) attached in the Tender Document. 5 Projects and more with = 5 POINTS 4 Projects = 4 POINTS 3 Projects = 3 POINTS 2 Projects = 2 POINTS 1 Projects = 1 POINTS No project = 0 POINTS	30
	MANAGEMENT 2 - (SITE FOREMAN/AGENT) = 15 The bidder must attach CV and Qualification of either one of the following disciplines under built environment (Civil, Structural, Mechanical, Electrical, Quantity Surveyor, Construction Project Manager and Architect Relevant qualification and 8 or more years experience = 5 POINTS Relevant qualification and 6-7 years experience = 4 POINTS Relevant qualification and 4-5 years experience = 3 POINTS Relevant qualification and 2-3 years experience = 2 POINTS Relevant qualification and 1 year experience = 1 POINTS Relevant qualification and 0 - 11 months experience = 0 POINTS	15
	Total	100 Points
<i>(Weightings will be multiplied by the scores allocated during the evaluation process to arrive at the total functionality points)</i>		
	Minimum functionality score to qualify for further evaluation:	65

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

C ELIGIBILITY IN RESPECT OF RISK TO EMPLOYER:

Provisions applicable to Evaluation Method 1 and 2:

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 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 Project Manager, failing which the tender offer will *mutatis mutandis* be declared non-responsive.

C.1. Technical risks:

C.1.1 Criterion 1: Quality of current and previous work

Quality of current and previous work performed by the Tenderer in the class of construction work stated above as per the evaluation report prepared by the Professional 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).

C.1.2 Criterion 2: Contractual commitment

Adherence to contractual commitments, demonstrated by the Tenderer in the performance on current and previous work, evaluated in terms of:

- a) 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;
- b) the degree to which previous projects have been completed within the contractual completion periods and/or extensions thereto; and
- c) general contract administration, i.e. compliance with contractual aspects such as laws and regulations, insurances, security, written contract instructions, subcontractors, time delay claims, etc as can generally be expected in standard/normal conditions of contract.

C.2 Commercial risks:

The level to which agreement with the Tenderer is reached in respect of the adjustment of rates which are considered to be imbalanced or unreasonable and to eliminate errors or discrepancies, without changing the tendered total price, over and above the correction of arithmetical errors as provided for in C.3.9.

Tender no: NST23/010

C.2.7	For particulars regarding a pre-tender site inspection meeting, see Notice and Invitation to Tender T1.1
C.2.12	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. 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. 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. 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. Alternative tender offer permitted: Yes ☐ No ☒
C.2.13.2	The list of Returnable Documents identifies which of the documents a tenderer must complete when submitting a tender offer. The tenderer must submit his tender offer by completing the Returnable Documents, signing the "Offer" section in the "Form of Offer and Acceptance" and delivering the Returnable Documents back to the Department.
C.2.13.5	The Employer's address for delivery of tender offers and identification details to be shown on each tender offer package are as per Notice and Invitation to Tender T1.1.
C.2.13.6 C.3.5	A two-envelope procedure will not be followed.
C.2.15	The closing time for submission of tender offers is as per Notice and Invitation to Tender T1.1.
C.2.16	The tender offer validity period is as per Notice and Invitation to Tender T1.1.
C2.16.3	Omit the wording of the last sentence for those projects which are subject to CPAP
C.2.18	The tenderer will be required to submit his fully priced Bills of Quantities / Lump Sum Document (complete document inclusive of all parts): ☒ Together with his tender; or ☐ Within fourteen (14) calendar days of the date on which he has been requested to do so prior to the award of the contract.
C.2.19	Access shall be provided for inspections, tests and analysis as may be required by the Employer.
C.3.4.1 C.3.4.2	The location for opening of the tender offers, immediately after the closing time thereof shall be at: 30 Brown Street, Nedbank Building , Nelspruit, 1201
C.3.8	The words "responsive tender" and "acceptable tender" shall be construed to have the same meaning.
C.3.9.3	Omit the wording and replace with the following: "Notify the tenderer of all errors, omissions and/or rate imbalances that are identified in the tender offer and request the tenderer to, within a stipulated time, accept the total of prices as corrected in accordance with C.3.9.4."

Tender no: NST23/010

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.

C1.1 Form of Offer and Acceptance

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

Project title:	Mpumalanga: Witbank Prison – Repairs and Maintenance of Building and Civil Infrastructure		
Tender no:	NST23/010	Reference no:	

OFFER

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

Mpumalanga: Witbank Prison - Repairs and Maintenance of Building, Civil and Mechanical Infrastructure for a period of 24 months

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 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:.....
--	----	--

AND WHO IS (if applicable):

Trading under the name and style of:

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

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



of Offer and Acceptance

Tender no: NST23/010

AND WHO IS:

Represented herein, and who is duly authorised to do so, by: Mr/Mrs/Ms: In his/her capacity as:	Note: A Resolution / Power of Attorney, signed by all the Directors / Members / Partners of the Legal Entity must accompany this Offer, authorising the Representative to make this offer.
---	--

SIGNED FOR THE TENDERER:

Name of representative	Signature	Date

WITNESSED BY:

Name of witness	Signature	Date

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

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

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

SECURITY OFFERED:

(a) the Tenderer accepts that in respect of contracts up to R1 million, a payment reduction** of 5% of the contract 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.

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):

.....

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

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

Tender no: NST23/010

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

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

WITNESSED BY:

Name of witness	Signature	Date

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

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

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Effective date 20 September 2021

Version 2021/01



Tender no: **NST23/010**

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.

Notes:

- 1. The extent of deviations from the tender documents issued by the employer before the tender closing date is limited to those permitted in terms of the conditions of tender.*
- 2. A tenderer's covering letter shall not be included in the final contract document. Should any matter in such letter, which constitutes a deviation as aforesaid, become the subject of agreements reached during the process of offer and acceptance, the outcome of such agreement shall be recorded here.*
- 3. Any other matter arising from the process of offer and acceptance either as a confirmation, clarification or change to the tender documents and which it is agreed by the Parties becomes an obligation of the contract shall also be recorded here.*
- 4. Any change or addition to the tender documents arising from the above agreements and recorded here, shall also be incorporated into the final draft of the Contract. (Note: This note must be deleted by the Project Manager/ Consultant(s) when compiling the tender document)*

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

**Any reference to the words "payment reduction" herein shall be construed to have the same meaning as the word "retention"
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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:	Mpumalanga: Witbank Prison - Repairs and Maintenance of Building and Civil Infrastructure		
Bid no:	NST23/010	Reference no:	

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 *pe 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.

Certification of Independent Bid Determination: PA-29

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:

Certification of Independent Bid Determination: PA-29

- (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

Certification of Independent Bid Determination: PA-29

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

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.

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

PA-30.1: **PRICING SCHEDULE - FIRM PRICES**

NOTE: ONLY FIRM PRICES WILL BE ACCEPTED. NON-FIRM PRICES (INCLUDING PRICES SUBJECT TO RATES OF EXCHANGE VARIATIONS) WILL NOT BE CONSIDERED IN CASES WHERE DIFFERENT DELIVERY POINTS INFLUENCE THE PRICING, A SEPARATE PRICING SCHEDULE MUST BE SUBMITTED FOR EACH DELIVERY POINT

Name of bidder..... Bid number.....
Closing Time 11:00 on

OFFER TO BE VALID FOR..... DAYS FROM THE CLOSING DATE OF BID.

ITEM NO.	QUANTITY	DESCRIPTION	BID PRICE IN RSA CURRENCY (INCLUDING VAT)
-	Required by:	.....	
-	At:	.....	
-	Brand and model	.....	
-	Country of origin	.....	
-	Does offer comply with specification?		*YES/NO
-	If not to specification, indicate deviation(s)	.....	
-	Period required for delivery	.....	*Delivery: Firm/not firm
-	Delivery basis (all delivery costs must be included in the bid price)	.....	

Note: All delivery costs must be included in the bid price, for delivery at the prescribed destination.

***Delete if not applicable**

THIS FORM IS ALIGNED WITH SBD 3.1

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".

For Internal Use

Effective date September 2011

Version: 1.0

Pricing schedule – Non-firm prices: PA-30.2

**PA- 30.2: PRICING SCHEDULE – NON-FIRM PRICES
(PURCHASES)**

NOTE: PRICE ADJUSTMENTS WILL BE ALLOWED AT THE PERIODS AND TIMES SPECIFIED IN THE BIDDING DOCUMENTS.

IN CASES WHERE DIFFERENT DELIVERY POINTS INFLUENCE THE PRICING, A SEPARATE PRICING SCHEDULE MUST BE SUBMITTED FOR EACH DELIVERY POINT

Name of Bidder..... Bid number.....
Closing Time 11:00 on.....

OFFER TO BE VALID FOR.....DAYS FROM THE CLOSING DATE OF BID.

ITEM NO. (INCLUDING VAT)	QUANTITY	DESCRIPTION	BID PRICE IN RSA CURRENCY
-----------------------------	----------	-------------	---------------------------

- Required by:

- At:.....

- Brand and model

- Country of origin

- Does offer comply with specification? *YES/NO

- If not to specification, indicate deviation(s)

- Period required for delivery

- Delivery: *Firm/not firm

*Delete if not applicable

PRICE ADJUSTMENTS

A NON-FIRM PRICES SUBJECT TO ESCALATION

1. IN CASES OF PERIOD CONTRACTS, NON FIRM PRICES WILL BE ADJUSTED (LOADED) WITH THE ASSESSED CONTRACT PRICE ADJUSTMENTS IMPLICIT IN NON FIRM PRICES WHEN CALCULATING THE COMPARATIVE PRICES
2. IN THIS CATEGORY PRICE ESCALATIONS WILL ONLY BE CONSIDERED IN TERMS OF THE FOLLOWING FORMULA:

$$Pa = (1 - V)Pt \left(D1 \frac{R1t}{R1o} + D2 \frac{R2t}{R2o} + D3 \frac{R3t}{R3o} + D4 \frac{D4t}{D4o} \right) + VPt$$

Where:

Pa	=	The new escalated price to be calculated.
(1-V)Pt	=	85% of the original bid price. Note that Pt must always be the original bid price and not an escalated price.
D1, D2..	=	Each factor of the bid price eg. labour, transport, clothing, footwear, etc. The total of the various factors D1,D2...etc. must add up to 100%.
R1t, R2t.....	=	Index figure obtained from new index (depends on the number of factors used).
R1o, R2o	=	Index figure at time of bidding.
VPt	=	15% of the original bid price. This portion of the bid price remains firm i.e. it is not subject to any price escalations.

3. The following index/indices must be used to calculate your bid price:

Index..... Dated.....	Index..... Dated.....	Index..... Dated.....
Index..... Dated.....	Index..... Dated.....	Index..... Dated.....

4. FURNISH A BREAKDOWN OF YOUR PRICE IN TERMS OF ABOVE-MENTIONED FORMULA. THE TOTAL OF THE VARIOUS FACTORS MUST ADD UP TO 100%.

FACTOR (D1, D2 etc. eg. Labour, transport etc.)	PERCENTAGE OF BID PRICE

B PRICES SUBJECT TO RATE OF EXCHANGE VARIATIONS

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 Use

Effective date September 2011

Version: 1.0

1. Please furnish full particulars of your financial institution, state the currencies used in the conversion of the prices of the items to South African currency, which portion of the price is subject to rate of exchange variations and the amounts remitted abroad.

PARTICULARS OF FINANCIAL INSTITUTION	ITEM NO	PRICE	CURRENCY	RATE	PORTION OF PRICE SUBJECT TO ROE	AMOUNT IN FOREIGN CURRENCY REMITTED ABROAD
				ZAR=		
				ZAR=		
				ZAR=		
				ZAR=		
				ZAR=		
				ZAR=		

2. Adjustments for rate of exchange variations during the contract period will be calculated by using the average monthly exchange rates as issued by your commercial bank for the periods indicated hereunder: (Proof from bank required)

AVERAGE MONTHLY EXCHANGE RATES FOR THE PERIOD:	DATE DOCUMENTATION MUST BE SUBMITTED TO THIS OFFICE	DATE FROM WHICH NEW CALCULATED PRICES WILL BECOME EFFECTIVE	DATE UNTIL WHICH NEW CALCULATED PRICE WILL BE EFFECTIVE

THIS FORM IS ALIGNED WITH SBD 3.2

Pricing schedule – non-firm prices: PA-30.3
PA – 30.3: PRICING SCHEDULE
(Professional Services)

NAME OF BIDDER: BID NO.:

CLOSING TIME 11:00 ON

OFFER TO BE VALID FORDAYS FROM THE CLOSING DATE OF BID.

ITEM NO	DESCRIPTION	BID PRICE IN RSA CURRENCY INCLUSIVE OF <u>VALUE ADDED TAX</u>
------------	-------------	--

1. The accompanying information must be used for the formulation of proposals.

2. Bidders are required to indicate a ceiling price based on the total estimated time for completion of all phases and including all expenses inclusive of VAT for the project.

R.....

3. PERSONS WHO WILL BE INVOLVED IN THE PROJECT AND RATES APPLICABLE (CERTIFIED INVOICES MUST BE RENDERED IN TERMS HEREOF)

4. PERSON AND POSITION

HOURLY RATE

DAILY RATE

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

R.....
R.....
R.....
R.....
R.....

5. PHASES ACCORDING TO WHICH THE PROJECT WILL BE COMPLETED, COST PER PHASE AND MAN-DAYS TO BE SPENT

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

R..... days
R..... days
R..... days
R..... days

5.1 Travel expenses (specify, for example rate/km and total km, class of airtravel, etc). Only actual costs are recoverable. Proof of the expenses incurred must accompany certified invoices.

DESCRIPTION OF EXPENSE TO BE INCURRED

RATE

QUANTITY

AMOUNT

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

.....
.....
.....
.....
R.....
R.....
R.....
R.....

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 Use

Effective date September 2011

Version: 1.0

Bid No.:

Name of Bidder:

TOTAL: R.....

- 5.2 Other expenses, for example accommodation (specify, eg. Three star hotel, bed and breakfast, telephone cost, reproduction cost, etc.). On basis of these particulars, certified invoices will be checked for correctness. Proof of the expenses must accompany invoices.

DESCRIPTION OF EXPENSE TO BE INCURRED	RATE	QUANTITY	AMOUNT
.....			R.....
.....			R.....
.....			R.....
.....			R.....

TOTAL: R.....

6. Period required for commencement with project after acceptance of bid
7. Estimated man-days for completion of project
8. Are the rates quoted firm for the full period of contract?
9. If not firm for the full period, provide details of the basis on which adjustments will be applied for, for example consumer price index.
.....
.....
.....

Any enquiries regarding bidding procedures may be directed to the –

(National Department of Public Works and Infrastructure)

30 Brown Street
Nelspruit
1201

Tel: 013 753 6312

Or for technical information –

(Cyreal Sekatane)

Tel: 066 483 9990

THIS FORM IS ALIGNED WITH SBD 3.3

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 Use

Effective date September 2011

Version: 1.0

PA-15.1: RESOLUTION OF BOARD OF DIRECTORS

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

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

Held at _____ (place)

on _____ (date)

RESOLVED that:

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

_____ (project description as per Bid / Tender Document)

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

- *Mr/Mrs/Ms: _____

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

and who will sign as follows: _____

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

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



Resolution of Board of Directors: PA-15.1

15			
16			
17			
18			
19			
20			

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

Note:

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

ENTERPRISE STAMP



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

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

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

Held at _____ (place)

on _____ (date)

RESOLVED that:

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

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

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

(Project description as per Bid /Tender Document)

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

2. *Mr/Mrs/Ms: _____

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

and who will sign as follows: _____

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

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

Physical address: _____

_____ (code)



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

Postal Address: _____

_____ (code)

Telephone number: _____

Fax number: _____

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

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

Note:

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

ENTERPRISE STAMP



PA-15.3: SPECIAL RESOLUTION OF CONSORTIA OR JOINT VENTURES

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

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

Held at _____ (place)

on _____ (date)

RESOLVED that:

RESOLVED that:

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

(Project description as per Bid /Tender Document)

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



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: _____

_____ (code)

Postal Address: _____

_____ (code)

Telephone number: _____

Fax number: _____



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

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

Note:

1. * Delete which is not applicable.
2. **NB:** This resolution must 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).

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



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	☐ 80/20	☒ 90/10
PRICE		
SPECIFIC GOALS		
Total points for Price and Specific Goals		

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 BBBEE 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 (NCPDASA)
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)

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. ☐	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. ☐	OR 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)		South African Social Security Agency (SASSA) registration Or National Council for Persons with Physical Disability in South Africa registration (NCPDPSA) ID Copy Or CSD Report Or CIPC (company registration)

- 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:

$$\begin{array}{ccc} \mathbf{80/20} & \mathbf{or} & \mathbf{90/10} \\ \\ \mathbf{Ps = 80 \left(1 - \frac{Pt - P_{min}}{P_{min}} \right)} & \mathbf{or} & \mathbf{Ps = 90 \left(1 - \frac{Pt - P_{min}}{P_{min}} \right)} \end{array}$$

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:

$$\begin{array}{ccc} \mathbf{80/20} & \mathbf{or} & \mathbf{90/10} \\ \\ \mathbf{Ps = 80 \left(1 + \frac{Pt - P_{max}}{P_{max}} \right)} & \mathbf{or} & \mathbf{Ps = 90 \left(1 + \frac{Pt - P_{max}}{P_{max}} \right)} \end{array}$$

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:	Mpumalanga: Witbank Prison - Repairs and Maintenance of Building and Civil Infrastructure			
Tender / quotation no:	NST23/010	Closing date:	23 June 2023	
Advertising date:	25 May 2023	Validity period:	56 days	

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

1.1. Current projects

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

1.2. Completed projects

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

Name of Tenderer	Signature Date

This document must be signed and submitted together with your bid

THE NATIONAL INDUSTRIAL PARTICIPATION PROGRAMME

INTRODUCTION

The National Industrial Participation (NIP) Programme, which is applicable to all government procurement contracts that have an imported content, became effective on the 1 September 1996. The NIP policy and guidelines were fully endorsed by Cabinet on 30 April 1997. In terms of the Cabinet decision, all state and parastatal purchases / lease contracts (for goods, works and services) entered into after this date, are subject to the NIP requirements. NIP is obligatory and therefore must be complied with. The Industrial Participation Secretariat (IPS) of the Department of Trade and Industry (DTI) is charged with the responsibility of administering the programme.

1 PILLARS OF THE PROGRAMME

- 1.1 The NIP obligation is benchmarked on the imported content of the contract. Any contract having an imported content equal to or exceeding US\$ 10 million or other currency equivalent to US\$ 10 million will have a NIP obligation. This threshold of US\$ 10 million can be reached as follows:
- (a) Any single contract with imported content exceeding US\$10 million.
or
 - (b) Multiple contracts for the same goods, works or services each with imported content exceeding US\$3 million awarded to one seller over a 2 year period which in total exceeds US\$10 million.
or
 - (c) A contract with a renewable option clause, where should the option be exercised the total value of the imported content will exceed US\$10 million.
or
 - (d) Multiple suppliers of the same goods, works or services under the same contract, where the value of the imported content of each allocation is equal to or exceeds US\$ 3 million worth of goods, works or services to the same government institution, which in total over a two (2) year period exceeds US\$10 million.
- 1.2 The NIP obligation applicable to suppliers in respect of sub-paragraphs 1.1 (a) to 1.1 (c) above will amount to 30 % of the imported content whilst suppliers in respect of paragraph 1.1 (d) shall incur 30% of the total NIP obligation on a *pro-rata* basis.
- 1.3 To satisfy the NIP obligation, the DTI would negotiate and conclude agreements such as investments, joint ventures, sub-contracting, licensee production, export promotion, sourcing arrangements and research and development (R&D) with partners or suppliers.

- 1.4 A period of seven years has been identified as the time frame within which to discharge the obligation.

2 REQUIREMENTS OF THE DEPARTMENT OF TRADE AND INDUSTRY

- 2.1 In order to ensure effective implementation of the programme, successful bidders (contractors) are required to, immediately after the award of a contract that is in excess of **R10 million** (ten million Rands), submit details of such a contract to the DTI for reporting purposes.
- 2.2 The purpose for reporting details of contracts in excess of the amount of R10 million (ten million Rands) is to cater for multiple contracts for the same goods, works or services; renewable contracts and multiple suppliers for the same goods, works or services under the same contract as provided for in paragraphs 1.1.(b) to 1.1. (d) above.

3 BID SUBMISSION AND CONTRACT REPORTING REQUIREMENTS OF BIDDERS AND SUCCESSFUL BIDDERS (CONTRACTORS)

- 3.1 Bidders are required to sign and submit this Standard Bidding Document (SBD 5) together with the bid on the closing date and time.
- 3.2 In order to accommodate multiple contracts for the same goods, works or services; renewable contracts and multiple suppliers for the same goods, works or services under the same contract as indicated in sub-paragraphs 1.1 (b) to 1.1 (d) above and to enable the DTI in determining the NIP obligation, successful bidders (contractors) are required, immediately after being officially notified about any successful bid with a value in excess of R10 million (ten million Rands), to contact and furnish the DTI with the following information:
- Bid / contract number.
 - Description of the goods, works or services.
 - Date on which the contract was accepted.
 - Name, address and contact details of the government institution.
 - Value of the contract.
 - Imported content of the contract, if possible.
- 3.3 The information required in paragraph 3.2 above must be sent to the Department of Trade and Industry, Private Bag X 84, Pretoria, 0001 for the attention of Mr Elias Malapane within five (5) working days after award of the contract. Mr Elias Malapane may be contacted on telephone (012) 394 1401, facsimile (012) 394 2401 or e-mail at Elias@thedti.gov.za for further details about the programme.

4 PROCESS TO SATISFY THE NIP OBLIGATION

- 4.1 Once the successful bidder (contractor) has made contact with and furnished the DTI with the information required, the following steps will be followed:
- a. the contractor and the DTI will determine the NIP obligation;
 - b. the contractor and the DTI will sign the NIP obligation agreement;

- c. the contractor will submit a performance guarantee to the DTI;
- d. the contractor will submit a business concept for consideration and approval by the DTI;
- e. upon approval of the business concept by the DTI, the contractor will submit detailed business plans outlining the business concepts;
- f. the contractor will implement the business plans; and
- g. the contractor will submit bi-annual progress reports on approved plans to the DTI.

4.2 The NIP obligation agreement is between the DTI and the successful bidder (contractor) and, therefore, does not involve the purchasing institution.

Bid number Closing date:.....

Name of bidder.....

Postal address

.....

Signature..... Name (in print).....

Date.....

THIS DOCUMENT IS ALIGNED TO SBDS

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

PA- 40: DECLARATION OF DESIGNATED GROUPS FOR PREFERENTIAL PROCUREMENT

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.		%	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ R ☐ UD ☐ T ☐ U	☐ Yes ☐ No
2.		%	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ R ☐ UD ☐ T ☐ U	☐ Yes ☐ No
3.		%	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ R ☐ UD ☐ T ☐ U	☐ Yes ☐ No
4.		%	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ R ☐ UD ☐ T ☐ U	☐ Yes ☐ No
5.		%	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ R ☐ UD ☐ T ☐ U	☐ Yes ☐ No
6.		%	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ R ☐ UD ☐ T ☐ U	☐ Yes ☐ No
7.		%	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ R ☐ UD ☐ T ☐ U	☐ Yes ☐ No
8.		%	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ R ☐ UD ☐ T ☐ U	☐ Yes ☐ No
9.		%	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ R ☐ UD ☐ T ☐ U	☐ Yes ☐ No
10.		%	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ R ☐ UD ☐ T ☐ U	☐ Yes ☐ No
11.		%	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ R ☐ UD ☐ T ☐ U	☐ Yes ☐ No
12.		%	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ R ☐ UD ☐ T ☐ U	☐ Yes ☐ No

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

¹ EME: Exempted Micro Enterprise

² QSE: Qualifying Small Business Enterprise

PA- 40: DECLARATION OF DESIGNATED GROUPS FOR PREFERENTIAL PROCUREMENT

2. DECLARATION:

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

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

Signed by the Tenderer

Name of representative	Signature	Date

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

Project title:	MPUMALANGA: WITBANK PRISON : REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE		
Tender no:	NST23/010	Reference no:	

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

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

Name of Tenderer	Signature	Date

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

Name of Tenderer	Signature	Date



DPW-15 (EC): SCHEDULE OF PROPOSED SUBCONTRACTORS

Project title:	MPUMALANGA: WITBANK PRISON : REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE		
Tender no:	NST23/010	Reference no:	

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

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

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

Name of representative	Signature	Capacity	Date

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



DPW-22 (EC): PARTICULARS OF ELECTRICAL CONTRACTOR

Project title:	<i>MPUMALANGA: WITBANK PRISON : REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE</i>		
Tender no:	NST23/010	Reference no:	

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:	MPUMALANGA: WITBANK PRISON : REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE		
Tender no:	NST23/010	Reference no:	

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

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

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

These net amounts will be adjusted as follows:

FORMULA:

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

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

A = the amount (R) of adjustment

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

Y = exchange rate at the closing date of tender submission

Z = exchange rate on the date of payment.

Name of Tenderer	Signature	Date

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

DPW-10.1 (EC): FIXED CONSTRUCTION GUARANTEE - JBCC 2000 PRINCIPAL BUILDING AGREEMENT (Edition 4.1 of March 2005)

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

FOR ATTENTION

Cyreal Sekatane
Private Bag
Mbombela
1200

Sir,

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

1. With reference to the contract between _____
_____ (hereinafter referred to as the "**contractor**") and the Government of the Republic of South Africa in its Department of Public Works and Infrastructure (hereinafter referred to as the "**employer**"), Contract/Tender No: NST23/010, for the MPUMALANGA: WITBANK PRISON : REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE (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 4.1 of March 2005)

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

To:
Private Bag

Sir,

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

1. With reference to the contract between _____
_____ (hereinafter referred to as the "**contractor**") and the Government of the Republic of South Africa, in its Department of Public Works, (hereinafter referred to as the "**employer**"), Contract/Tender No: _____, for the **Mpumalanga: Witbank Prison - Repairs and Maintenance of Building and Civil Infrastructure** (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.
3. The **guarantor** hereby renounces the benefits of the exceptions *non numeratae pecunia; non causa debiti; excussionis et divisionis*; and *de duobus vel pluribus reis debendi* which could be pleaded against the enforcement of this guarantee, with the meaning and effect whereof I/we declare myself/ourselves to be conversant, and undertake to pay the **employer** the amount guaranteed on receipt of a written demand from the **employer** to do so, stating that the **employer** has a right of recovery against the **contractor** in terms of 33.0 of the contract.
4. Subject to the above, but without in any way detracting from the **employer's** rights to adopt any of the procedures provided for in the contract, the said demand can be made by the **employer** at any stage prior to the expiry of this guarantee.

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

SIGNED AT _____ ON THIS _____ DAY OF _____ 200__

AS WITNESS

1. _____
2. _____

By and on behalf of

 (insert the name and physical address of the guarantor)

NAME: _____

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

DATE: _____

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



C2.2 Bills of Quantities

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"

PRELIMINARIES

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

PRICING OF PRELIMINARIES

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

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

SECTION A: JBCC PRINCIPAL BUILDING AGREEMENT**DEFINITIONS**

A1.0

DEFINITIONS AND INTERPRETATION

Clause 1.0

Clause 1.1 Definition of "**Commencement Date**" is added:

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

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

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

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

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

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

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

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

"**FRAUDULENT PRACTICE**" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of any tenderer and includes collusive practice among tenderers (prior to or after the tender submission) designed to establish tender prices at artificial non-competitive levels and to deprive the tenderer of the benefits of free and open competition

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

"**INTEREST**" means the interest rates applicable on this contract, whether specifically indicated in the relevant clauses or not, will be the rate as determined by the Minister of Finance, from time to time, in terms of section 80(1)(b) of the Public Finance Management Act, 1999 (Act No. 1 of 1999)

Clause 1.1 Definition of "**Principal Agent**" is amended by replacing it with the following:

"**PRINCIPAL AGENT**" means the person or entity appointed by the **employer** and named in the **schedule**. In the event of a **principal agent** not being appointed, then all the duties and obligations of a **principal agent** as detailed in the **agreement** shall be fulfilled by a representative of the **employer** as named in the **schedule**

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

"**SECURITY**" means the form of security provided by the **employer** or **contractor**, as stated in the **schedule**, from which the **contractor** or **employer** may recover expense or loss

Clause 1.6 is amended by replacing the words "prepaid registered post, telefax or e-mail" with "prepaid registered post or telefax"

Clause 1.6.4 is amended by replacing it with the following:

No clause

Fixed: _____ Value related: _____ Time related: _____
Item

OBJECTIVE AND PREPARATION

A2.0 OFFER, ACCEPTANCE AND PERFORMANCE

Clause 2.0

Fixed: _____ Value related: _____ Time related: _____
Item

A3.0 DOCUMENTS

Clause 3.0

Clause 3.2.1 is amended by replacing "14.1" with "14.0"

Clause 3.7 is amended by the addition of the following:

The **contractor** shall supply and keep a copy of the **JBCC Series 2000 Principal Building Agreement and Preliminaries** applicable to this contract on the **site**, to which the **employer**, **principal agent** and **agents** shall have access at all times

Clause 3.10 is amended by replacing the second reference to "**principal agent**" with the word "**employer**"

Fixed: _____ Value related: _____ Time related: _____
Item

A4.0 DESIGN RESPONSIBILITY

Clause 4.0

Clause 4.3 is amended by replacing it with the following:

No clause

Fixed: _____ Value related: _____ Time related: _____
Item

SECTION 1: PRELIMINARIES (SECTION A)

Each Item Carried to Collection

A5.0	EMPLOYER'S AGENTS Clause 5.0 Clause 5.1.2 is amended to include clauses 32.6.3, 34.3, 34.4 and 38.5.8 Fixed: _____ Value related: _____ Time related: _____ Item
A6.0	SITE REPRESENTATIVE Clause 6.0 Fixed: _____ Value related: _____ Time related: _____ Item
A7.0	COMPLIANCE WITH REGULATIONS Clause 7.0 Note: A separate clause has been included in Section C: Specific Preliminaries of the bills of quantities / lump sum document for the contractor to have the opportunity to price for all the requirements of the Occupational Health and Safety Act, Construction Regulations and Health and Safety Specification Fixed: _____ Value related: _____ Time related: _____ Item
A8.0	WORKS RISK Clause 8.0 Fixed: _____ Value related: _____ Time related: _____ Item
A9.0	INDEMNITIES Clause 9.0 Fixed: _____ Value related: _____ Time related: _____ Item
A10.0	WORKS INSURANCES Clause 10.0 Clause 10.0 is amended by the addition of the following clauses: 10.5 Damage to the Works (a) Without in any way limiting the contractor's obligations in terms of the contract, the contractor shall bear the full risk of damage to and/or destruction of the works by whatever cause during construction of the works and hereby indemnifies and holds harmless the employer against any such damage. The contractor shall take such precautions and security measures and other steps for the protection and security of the works as the contractor may deem necessary (b) The contractor shall at all times proceed immediately to remove or dispose of any debris arising from damage to or destruction of the works and to rebuild, restore, replace and/or repair the works (c) The employer shall carry the risk of damage to or destruction of the works and materials paid for by the employer that is the result of the excepted risks as set out in 10.6 (d) Where the employer bears the risk in terms of this contract, the contractor shall, if requested to do so, reinstate any damage or destroyed portions of the works and the costs of such reinstatement shall be measured and valued in terms of 32.0 hereof

10.6 Injury to Persons or loss of or damage to Properties

- (a) The **contractor** shall be liable for and hereby indemnifies the **employer** against any liability, loss, claim or proceeding whether arising in common law or by statute, consequent upon personal injuries to or the death of any person whomsoever arising out of or in the course of or caused by the execution of the **works** unless due to any act or negligence of any person for whose actions the **employer** is legally liable
- (b) The **contractor** shall be liable for and hereby indemnifies the **employer** against any liability, loss, claim or proceeding consequent upon loss of or damage to any moveable or immovable or personal property or property contiguous to the **site**, whether belonging to or under the control of the **employer** or any other body or person, arising out of or in the course of or by reason of the execution of the **works** unless due to any act or negligence of any person for whose actions the **employer** is legally liable
- (c) The **contractor** shall, upon receiving a **contract instruction** from the **principal agent**, cause the same to be made good in a perfect and workmanlike manner at his own cost and in default thereof the **employer** shall be entitled to cause it to be made good and to recover the cost thereof from the **contractor** or to deduct the same from amounts due to the **contractor**
- (d) The **contractor** shall be responsible for the protection and safety of such portions of the premises placed under his control by the **employer** for the purpose of executing the **works** until the issue of the **certificate of practical completion**
- (e) Where the execution of the **works** involves the risk of removal of or interference with support to adjoining properties including land or structures or any structures to be altered or added to, the **contractor** shall obtain adequate insurance and will remain adequately insured or insured to the specific limit stated in the contract against the death of or injury to persons or damage to such property consequent on such removal or interference with the support until such portion of the **works** has been completed
- (f) The **contractor** shall at all times proceed immediately at his own cost to remove or dispose of any debris and to rebuild, restore, replace and/or repair such property and to execute the **works**

10.7 High risk insurance

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

10.7.1 Damage to the works

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

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

10.7.2 Injury to persons or loss of or damage to property

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

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

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

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

Fixed: _____ Value related: _____ Time related: _____
Item

A11.0 LIABILITY INSURANCES

Clause 11.0

Fixed: _____ Value related: _____ Time related: _____
Item

A12.0 EFFECTING INSURANCES

Clause 12.0

Fixed: _____ Value related: _____ Time related: _____
Item

A13.0 No clause

A14.0 SECURITY

Clause 14.0

Clauses 14.1 - 14.8 are amended by replacing them with the following:

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

14.1.1 The payment reduction of the value certified in a **payment certificate** shall be *mutatis mutandi* in terms of 31.8(A)

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

14.2 In respect of contracts with a **contract sum** above R1 million, the **contractor** shall have the right to select the **security** to be provided in terms of 14.3, 14.4, 14.5, 14.6, or 14.7 as stated in the **schedule**. Such **security** shall be provided to the **employer** within twenty-one (21) **calendar days** from **commencement date**. Should the **contractor** fail to select the **security** to be provided or should the **contractor** fail to provide the **employer** with the selected **security** within twenty-one (21) **calendar days** from **commencement date**, the **security** in terms of 14.7 shall be deemed to have been selected

14.3 Where **security** as a cash deposit of ten per cent (10%) of the **contract sum** (excluding VAT) has been selected:

14.3.1 The **contractor** shall furnish the **employer** with a cash deposit equal in value to ten per cent (10%) of the **contract sum** (excluding VAT) within twenty-one (21) **calendar days** from **commencement date**

14.3.2 Within twenty-one (21) **calendar days** of the date of **practical completion** of the **works** the **employer** shall reduce the cash deposit to an amount equal to three per cent (3%) of the **contract value** (excluding VAT), and refund the balance to the **contractor**

14.3.3 Within twenty-one (21) **calendar days** of the date of **final completion** of the **works** the **employer** shall reduce the cash deposit to an amount equal to one per cent (1%) of the **contract value** (excluding VAT) and refund the balance to the **contractor**

14.3.4 On the date of payment of the amount in the final **payment certificate**, the **employer** shall refund the remainder of the cash deposit to the **contractor**

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

14.3.6 The parties expressly agree that neither the **employer** nor the **contractor** shall be entitled to cede the rights to the deposit to any third party

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

14.4.1 The **contractor** shall furnish the **employer** with an acceptable variable **construction guarantee** equal in value to ten per cent (10%) of the **contract sum** (excluding VAT) within twenty-one (21) **calendar days** from **commencement date**

14.4.2 The variable **construction guarantee** shall reduce and expire in terms of the Variable **Construction Guarantee** form included in the invitation to tender

14.4.3 The **employer** shall return the variable **construction guarantee** to the **contractor** within fourteen (14) **calendar days** of it expiring

14.4.4 Where the **employer** has a right of recovery against the **contractor** in terms of 33.0, the **employer** shall issue a written demand in terms of the variable **construction guarantee**

14.5 Where **security** as a fixed **construction guarantee** of five per cent (5%) of the **contract sum** (excluding VAT) and a five per cent (5%) payment reduction of the value certified in the **payment certificate** (excluding VAT) has been selected:

14.5.1 The **contractor** shall furnish a fixed **construction guarantee** to the **employer** equal in value to five per cent (5%) of the **contract sum** (excluding VAT)

14.5.2 The fixed **construction guarantee** shall come into force on the date of issue and shall expire on the date of the last certificate of **practical completion**

14.5.3 The **employer** shall return the fixed **construction guarantee** to the **contractor** within fourteen (14) **calendar days** of it expiring

14.5.4 The payment reduction of the value certified in a **payment certificate** shall be in terms of 31.8 (A) and 34.8

14.5.5 Where the **employer** has a right of recovery against the **contractor** in terms of 33.0, the **employer** shall be entitled to issue a written demand in terms of the fixed **construction guarantee** or may recover from the payment reduction or may do both

14.6 Where **security** as a cash deposit of five per cent (5%) of the **contract sum** (excluding VAT) and a payment reduction of five per cent (5%) of the value certified in the **payment certificate** (excluding VAT) has been selected:

14.6.1 The **contractor** shall furnish the **employer** with a cash deposit equal in value to five per cent (5%) of the **contract sum** (excluding VAT) within twenty-one (21) **calendar days** from **commencement date**

14.6.2 Within twenty-one (21) **calendar days** of the date of **practical completion** of the **works** the **employer** shall refund the cash deposit in total to the **contractor**

14.6.3 The payment reduction of the value certified in a **payment certificate** shall be *mutatis mutandi* in terms of 31.8(A)

14.6.4 Where the **employer** has a right of recovery against the **contractor** in terms of 33.0, the **employer** may issue a written notice in terms of 33.4 or may recover from the payment reduction or may do both

14.7 Where **security** as a payment reduction of ten per cent (10%) of the value certified in the **payment certificate** (excluding VAT) has been selected:

14.7.1 The payment reduction of the value certified in a **payment certificate** shall be *mutatis mutandi* in terms of 31.8(B)

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

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

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

Fixed: _____ Value related: _____ Time related: _____
Item

EXECUTION

A15.0 PREPARATION FOR AND EXECUTION OF THE WORKS

Clause 15.0

Clause 15.1.1 is amended by replacing it with:

No clause

Clause 15.1.2 is amended by replacing it with:

The **security** selected in terms of 14.0

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

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

Clause 15.2.1 is amended by replacing it with the following clause:

Give the **contractor** possession of the **site** within ten (10) **working days** of the **contractor** complying with the terms of 15.1.4

Fixed: _____ Value related: _____ Time related: _____
Item

A16.0	ACCESS TO THE WORKS Clause 16.0 Fixed: _____ Value related: _____ Time related: _____ Item
A17.0	CONTRACT INSTRUCTIONS Clause 17.0 Clause 17.1.11 is amended by deleting the words "and the appointment of nominated and selected subcontractors " Fixed: _____ Value related: _____ Time related: _____ Item
A18.0	SETTING OUT OF THE WORKS Clause 18.0 Fixed: _____ Value related: _____ Time related: _____ Item
A19.0	ASSIGNMENT Clause 19.0 Fixed: _____ Value related: _____ Time related: _____ Item
A20.0	NOMINATED SUBCONTRACTORS Clause 20.0 Clause 20.1.3 is amended by replacing it with the following: No clause Note: See item B9.1 hereinafter for adjustment of attendance on nominated subcontractors executing work allowed for under provisional sums Fixed: _____ Value related: _____ Time related: _____ Item
A21.0	SELECTED SUBCONTRACTORS Clause 21.0 Clause 21 is amended by replacing it with: No clause Fixed: _____ Value related: _____ Time related: _____ Item
A22.0	EMPLOYER'S DIRECT CONTRACTORS Clause 22.0 Fixed: _____ Value related: _____ Time related: _____ Item

A23.0	CONTRACTOR'S DOMESTIC SUBCONTRACTORS Clause 23.0 Fixed: _____ Value related: _____ Time related: _____ Item
	COMPLETION
A24.0	PRACTICAL COMPLETION Clause 24.0 Fixed: _____ Value related: _____ Time related: _____ Item
A25.0	WORKS COMPLETION Clause 25.0 Fixed: _____ Value related: _____ Time related: _____ Item
A26.0	FINAL COMPLETION Clause 26.0 Clause 26.1.2 is amended by inserting "#" next to 26.1.2 Fixed: _____ Value related: _____ Time related: _____ Item
A27.0	LATENT DEFECTS LIABILITY PERIOD Clause 27.0 Fixed: _____ Value related: _____ Time related: _____ Item
A28.0	SECTIONAL COMPLETION Clause 28.0 Fixed: _____ Value related: _____ Time related: _____ Item
A29.0	REVISION OF DATE FOR PRACTICAL COMPLETION Clause 29.0 Clause 29.2.5 is amended by replacing it with: No clause Fixed: _____ Value related: _____ Time related: _____ Item
A30.0	PENALTY FOR NON-COMPLETION Clause 30.0 Fixed: _____ Value related: _____ Time related: _____ Item
	PAYMENT
A31.0	INTERIM PAYMENT TO THE CONTRACTOR Clause 31.0 Clause 31.5.2 is amended by replacing "14.7.1" with "14.0" Clause 31.8 is amended by replacing it with the following two alternative clauses:

Alternative A

31.8(A) Where a **security** is selected in terms of 14.1; 14.5 or 14.6, the value of the **works** in terms of 31.4.1 and **materials and goods** in terms of 31.4.2 shall be certified in full. The value certified shall be subject to the following percentage adjustments:

31.8(A).1 Ninety-five per cent (95%) of such value in interim **payment certificates** issued up to the date of **practical completion**

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

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

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

Alternative B

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

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

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

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

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

Clause 31.12 is amended by deleting the following:

Payment shall be subject to the **employer** giving the **contractor** a tax invoice for the amount due

Fixed: _____ Value related: _____ Time related: _____
Item

A32.0

ADJUSTMENT TO THE CONTRACT VALUE

Clause 32.0

Clauses 32.5.1, 32.5.4 and 32.5.7 are amended by the addition of the following at the end of the sentence:

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

Fixed: _____ Value related: _____ Time related: _____
Item

A33.0	RECOVERY OF EXPENSE AND LOSS Clause 33.0 Fixed: _____ Value related: _____ Time related: _____ Item
A34.0	FINAL ACCOUNT AND FINAL PAYMENT Clause 34.0 Clause 34.1 is amended by removing “#” next to 34.1 Clause 34.2 is amended by inserting “#” next to 34.2 Clause 34.8 is amended by deleting the words “where security as a fixed construction guarantee in terms of 14.4 has been selected or where payment reduction has been applied in terms of 14.7.1” Clause 34.13 is amended by replacing “seven (7) calendar days ” with “twenty-one (21) calendar days ” and deleting the words “subject to the employer giving the contractor a tax invoice for the amount due” Fixed: _____ Value related: _____ Time related: _____ Item
A35.0	PAYMENT TO OTHER PARTIES Clause 35.0 Fixed: _____ Value related: _____ Time related: _____ Item
A36.0	CANCELLATION CANCELLATION BY EMPLOYER – CONTRACTOR’S DEFAULT Clause 36.0 Clause 36.1 is amended by the addition of the following clauses: 36.1.3 refuses or neglects to comply strictly with any of the conditions of contract 36.1.4 estate being sequestrated, liquidated or surrendered in terms of the insolvency laws in force within the Republic of South Africa 36.1.5 in the judgement of the employer , has engaged in corrupt or fraudulent practices in competing for or in executing the contract Clause 36.3 is amended by removing the reference to “No clause” and replacing the words “ principal agent ” with “ employer ” Clause 36.0 is amended by the addition of the following clause: 36.7 Notwithstanding any clause to the contrary, on cancellation of this agreement either by the employer or the contractor ; or for any reason whatsoever, the contractor shall on written instruction, discontinue with the works on a date stated and withdraw himself from the site . The contractor shall not be entitled to refuse to withdraw from the works on the grounds of any lien or right of retention or on the grounds of any other right whatsoever Fixed: _____ Value related: _____ Time related: _____ Item

A37.0	CANCELLATION BY EMPLOYER – LOSS AND DAMAGE Clause 37.0 Clause 37.3.5 is amended by replacing “ninety (90)” with “one-hundred and twenty (120)” Clause 37.0 is amended by the addition of the following clause: 37.5 Notwithstanding any clause to the contrary, on cancellation of this agreement either by the employer or the contractor; or for any reason whatsoever, the contractor shall on written instruction, discontinue with the works on a date stated and withdraw himself from the site. The contractor shall not be entitled to refuse to withdraw from the works on the grounds of any lien or right of retention or on the grounds of any other right whatsoever Fixed: _____ Value related: _____ Time related: _____ Item
A38.0	CANCELLATION BY CONTRACTOR – EMPLOYER'S DEFAULT Clause 38.0 Clause 38.5.4 is amended by replacing “ninety (90)” with “one-hundred and twenty (120)” Clause 38.0 is amended by the addition of the following clause: 38.7 Notwithstanding any clause to the contrary, on cancellation of this agreement either by the employer or the contractor; or for any reason whatsoever, the contractor shall on written instruction, discontinue with the works on a date stated and withdraw himself from the site. The contractor shall not be entitled to refuse to withdraw from the works on the grounds of any lien or right of retention or on the grounds of any other right whatsoever Fixed: _____ Value related: _____ Time related: _____ Item
A39.0	CANCELLATION – CESSATION OF THE WORKS Clause 39.0 Clause 39.3.5 is amended by the addition of the following at the end of the sentence: “within one hundred and twenty (120) working days of completion of such a report” Fixed: _____ Value related: _____ Time related: _____ Item
A40.0	DISPUTE DISPUTE SETTLEMENT Clause 40.0 Clause 40.2.2 is amended by replacing “one (1) year” with “three (3) years” Clause 40.6 is amended by removing the reference to: No clause Clause 40.7.1 is amended by replacing “(10)” with “(15)” and by the addition of the following: Whether or not mediation resolves the dispute, the parties shall bear their own costs concerning the mediation and equally share the costs of the mediator and related costs Fixed: _____ Value related: _____ Time related: _____ Item

SUBSTITUTE PROVISIONS

A41.0

STATE CLAUSES

Clause 41.0

Fixed: _____ Value related: _____ Time related: _____
Item**CONTRACT VARIABLES**

A42.0

THE SCHEDULE (DPW-04EC)

Clause 42.0

Tenderers are referred to the Contract Data DPW-04(EC) for variables pertaining to this contract

Fixed: _____ Value related: _____ Time related: _____
Item

SECTION B: JBCC PRELIMINARIES**B1.0 DEFINITIONS AND INTERPRETATION****B1.1 *Definitions and interpretation***

See also clause A1.0 of Section A for additional and/or amended definitions which shall apply equally to this Section

Fixed: _____ Value related: _____ Time related: _____
Item

B2.0 DOCUMENTS**B2.1 *Checking of documents***

Fixed: _____ Value related: _____ Time related: _____
Item

B2.2 *Provisional bills of quantities*

Fixed: _____ Value related: _____ Time related: _____
Item

B2.3 *Availability of construction documentation*

Fixed: _____ Value related: _____ Time related: _____
Item

B2.4 *Interests of agents*

Fixed: _____ Value related: _____ Time related: _____
Item

B2.5 *Priced documents*

Fixed: _____ Value related: _____ Time related: _____
Item

B2.6 *Tender submission*

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

Fixed: _____ Value related: _____ Time related: _____
Item

B3.0 THE SITE**B3.1 *Defined works area***

Fixed: _____ Value related: _____ Time related: _____
Item

B3.2 *Geotechnical investigation*

Fixed: _____ Value related: _____ Time related: _____
Item

B3.3 *Inspection of the site*

Fixed: _____ Value related: _____ Time related: _____
Item

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

B3.4	Existing premises occupied	Fixed: _____ Value related: _____ Time related: _____	Item
B3.5	Previous work – dimensional accuracy	Fixed: _____ Value related: _____ Time related: _____	Item
B3.6	Previous work – defects	Fixed: _____ Value related: _____ Time related: _____	Item
B3.7	Services – known	Fixed: _____ Value related: _____ Time related: _____	Item
B3.8	Services – unknown	Fixed: _____ Value related: _____ Time related: _____	Item
B3.9	Protection of trees	Fixed: _____ Value related: _____ Time related: _____	Item
B3.10	Articles of value	Fixed: _____ Value related: _____ Time related: _____	Item
B3.11	Inspection of adjoining properties	Fixed: _____ Value related: _____ Time related: _____	Item
B4.0	MANAGEMENT OF CONTRACT		
B4.1	Management of the works	Fixed: _____ Value related: _____ Time related: _____	Item
B4.2	Programme for the works	Fixed: _____ Value related: _____ Time related: _____	Item
B4.3	Progress meetings	Fixed: _____ Value related: _____ Time related: _____	Item
B4.4	Technical meetings	Fixed: _____ Value related: _____ Time related: _____	Item
B4.5	Labour and plant records	Fixed: _____ Value related: _____ Time related: _____	Item

SECTION 1: PRELIMINARIES (SECTION B)

Each Item Carried to Collection

B5.0	SAMPLES, SHOP DRAWINGS AND MANUFACTURERS' INSTRUCTIONS	
B5.1	<i>Samples of materials</i>	
	Fixed: _____ Value related: _____ Time related: _____	Item
B5.2	<i>Workmanship samples</i>	
	Fixed: _____ Value related: _____ Time related: _____	Item
B5.3	<i>Shop drawings</i>	
	Fixed: _____ Value related: _____ Time related: _____	Item
B5.4	<i>Compliance with manufacturers' instructions</i>	
	Fixed: _____ Value related: _____ Time related: _____	Item
B6.0	TEMPORARY WORKS AND PLANT	
B6.1	<i>Deposits and fees</i>	
	Fixed: _____ Value related: _____ Time related: _____	Item
B6.2	<i>Enclosure of the works</i>	
	Fixed: _____ Value related: _____ Time related: _____	Item
B6.3	<i>Advertising</i>	
	Fixed: _____ Value related: _____ Time related: _____	Item
B6.4	<i>Plant, equipment, sheds and offices</i>	
	Fixed: _____ Value related: _____ Time related: _____	Item
B6.5	<i>Main notice board</i>	
	Fixed: _____ Value related: _____ Time related: _____	Item
B6.6	<i>Subcontractors' notice board</i>	
	Fixed: _____ Value related: _____ Time related: _____	Item
B7.0	TEMPORARY SERVICES	
B7.1	<i>Location</i>	
	Fixed: _____ Value related: _____ Time related: _____	Item
B7.2	<i>Water</i>	
	Fixed: _____ Value related: _____ Time related: _____	Item

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

B7.3	Electricity	Fixed: _____ Value related: _____ Time related: _____	Item
B7.4	Telecommunication facilities	Fixed: _____ Value related: _____ Time related: _____	Item
B7.5	Ablution facilities	Fixed: _____ Value related: _____ Time related: _____	Item
B8.0	PRIME COST AMOUNTS		
B8.1	Responsibility for prime cost amounts	Fixed: _____ Value related: _____ Time related: _____	Item
B9.0	ATTENDANCE ON N/S SUBCONTRACTORS		
B9.1	General attendance	Fixed: _____ Value related: _____ Time related: _____	Item
B9.2	Special attendance	Fixed: _____ Value related: _____ Time related: _____	Item
B9.3	Commissioning – fuel, water and electricity	Fixed: _____ Value related: _____ Time related: _____	Item
B10.0	FINANCIAL ASPECTS		
B10.1	Statutory taxes, duties and levies	Fixed: _____ Value related: _____ Time related: _____	Item
B10.2	Payment for preliminaries	Fixed: _____ Value related: _____ Time related: _____	Item
B10.3	Adjustment of preliminaries	Clauses B10.3.1 and B10.3.2 are amended by replacing “within fifteen (15) working days of taking possession of the site ” with “when submitting his priced bills of quantities / lump sum document ”	
		Fixed: _____ Value related: _____ Time related: _____	Item
B10.4	Payment certificate cash flow	Fixed: _____ Value related: _____ Time related: _____	Item

SECTION 1: PRELIMINARIES (SECTION B)

Each Item Carried to Collection

B11.0	GENERAL			
B11.1	<i>Protection of the works</i>	Fixed: _____	Value related: _____	Time related: _____ Item
B11.2	<i>Protection / isolation of existing / sectionally occupied works</i>	Fixed: _____	Value related: _____	Time related: _____ Item
B11.3	<i>Security of the works</i>	Fixed: _____	Value related: _____	Time related: _____ Item
B11.4	<i>Notice before covering work</i>	Fixed: _____	Value related: _____	Time related: _____ Item
B11.5	<i>Disturbance</i>	Fixed: _____	Value related: _____	Time related: _____ Item
B11.6	<i>Environmental disturbance</i>	Fixed: _____	Value related: _____	Time related: _____ Item
B11.7	<i>Works cleaning and clearing</i>	Fixed: _____	Value related: _____	Time related: _____ Item
B11.8	<i>Vermin</i>	Fixed: _____	Value related: _____	Time related: _____ Item
B11.9	<i>Overhand work</i>	Fixed: _____	Value related: _____	Time related: _____ Item
B11.10	<i>Instruction manuals and guarantees</i>	Fixed: _____	Value related: _____	Time related: _____ Item
B11.11	<i>As built information</i>	Fixed: _____	Value related: _____	Time related: _____ Item
B11.12	<i>Tenant installations</i>	Fixed: _____	Value related: _____	Time related: _____ Item

B12.0 SCHEDULE OF VARIABLES

B12.1 *Schedule of variables*

Fixed: _____ Value related: _____ Time related: _____

Item

This **schedule** contains all variables referred to in this document and is divided into pre-tender and post-tender categories. The pre-tender category must be completed in full and included in the tender documents. Both the pre-tender and post-tender categories form part of these **Preliminaries**

Spaces requiring information must be filled in, shown as "not applicable" or deleted and not left blank. Where choices are offered, the non-applicable items are to be deleted. Where insufficient space is provided the information should be annexed hereto and cross-referenced to the applicable clause of the **schedule**. Key cross reference clauses are italicised in [] brackets

12.1 PRE-TENDER INFORMATION**12.1.1 *Provisional bills of quantities***[2.2] *The quantities are provisional*(yes/no) ☐**12.1.2 *Availability of construction documentation***[2.3] *Construction documentation is complete*(yes/no) ☐**12.1.3 *Interests of agents***[2.4] *Details:***12.1.4 *Defined works area***[3.1] *Details:***12.1.5 *Geotechnical investigation***[3.2] *Details:***12.1.6 *Existing premises occupied***[3.4] *Specific requirements:***12.1.7 *Previous work – dimensional accuracy***[3.5] *Details:***12.1.8 *Previous work – defects***[3.6] *Details:***12.1.9 *Services – known***[3.7] *Details:***12.1.10 *Protection of trees***[3.9] *Specific requirements:***12.1.11 *Inspection of adjoining properties***[3.11] *Specific requirements:***12.1.12 *Enclosure of the works***[6.2] *Specific requirements:*

SECTION 1: PRELIMINARIES (SECTION B)

Each Item Carried to Collection

12.1.13 [6.4.3]	Offices Specific requirements: The contractor shall provide, maintain and remove on completion of the works an office for the exclusive use of the principal agent , minimum size 4 x 3 x 3m high internally, suitably insulated and ventilated, provided with electric lighting and fitted with boarded floor, desk, chair, drawing stool, drawing board and lock-up drawers for drawings. The office shall be kept clean and fit for use at all times	
12.1.14 [6.5]	Main notice board Specific requirements: The contractor shall provide, erect where directed, maintain and remove on completion of the works a notice board size 3 x 3m as type Drawing GEN 063, constructed of suitable boarding with flat smooth surface and with edging bead 19mm thick round outer edges and projecting 12mm from face of boarding and rounded on front edge. The board shall be securely fixed to hoarding, where hoarding is provided, or fixed to and including a suitable supporting structure of timber or tubular posts and braces. The board is to be painted ivory white and the bead and 12mm wide dividing lines dark green. All wording shall be inscribed in dark green as per the coat of arms for SA. All wording shall be inscribed in dark green painted sans serif lettering	
12.1.15 [6.6]	Subcontractors' notice board A notice board is required (yes/no) ☐ Specific requirements:	
12.1.16 [7.2]	Water Option A (by contractor) (yes/no) ☐ Option B (by employer – free of charge) (yes/no) ☐ Option C (by employer – metered) (yes/no) ☐	
12.1.17 [7.3]	Electricity Option A (by contractor) (yes/no) ☐ Option B (by employer – free of charge) (yes/no) ☐ Option C (by employer – metered) (yes/no) ☐	
12.1.18 [7.4]	Telecommunications Telephone (yes/no) ☐ Facsimile (yes/no) ☐ E-mail (yes/no) ☐	
12.1.19 [7.5]	Ablution facilities Option A (by contractor) (yes/no) ☐ Option B (by employer) (yes/no) ☐	
12.1.20 [11.2]	Protection of existing/sectionally occupied works Protection is required (yes/no) ☐	
12.1.21 [9.2]	Special attendance Subcontractor (1) details: Subcontractor (2) details: Subcontractor (3) details: Subcontractor (4) details:	

12.1.22 [11.1]	Protection of the works Specific requirements:		
12.1.23 [11.5]	Disturbance Specific requirements: 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		
12.1.24 [11.6]	Environmental disturbance Specific requirements:		
12.2	POST-TENDER INFORMATION		
12.2.1 [10.2]	Payment of preliminaries Option A (prorated)	(yes/no)	☐
	Option B (calculated)	(yes/no)	☐
12.2.2 [10.3]	Adjustment of preliminaries Option A (three categories)	(yes/no)	☐
	Option B (detailed breakdown)	(yes/no)	☐
12.2.3	Additional agreed preliminaries items Details:		

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**

Fixed: _____ Value related: _____ Time related: _____
Item

C2.0

PREAMBLES

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

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

Fixed: _____ Value related: _____ Time related: _____
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

Fixed: _____ Value related: _____ Time related: _____
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 price of any item, material or equipment listed in terms of this clause shall be excluded from the Contract Price Adjustment Provisions (if applicable)

Fixed: _____ Value related: _____ Time related: _____
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

Fixed: _____ Value related: _____ Time related: _____
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

Fixed: _____ Value related: _____ Time related: _____
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

Fixed: _____ Value related: _____ Time related: _____
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**

Fixed: _____ Value related: _____ Time related: _____
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 Fixed: _____ Value related: _____ Time related: _____ Item
C10.0	HIV/AIDS AWARENESS It is required of the contractor to thoroughly study the HIV/AIDS Specification (PW 1544) of the Department that must be read together with and is deemed to be incorporated under this Section of the bills of quantities / lump sum document. Provision for pricing of HIV/AIDS awareness is made under items C10.1 to C10.5 hereafter and it is explicitly pointed out that all requirements of the aforementioned specification are deemed to be priced hereunder, as the said items represent the only method of measurement and no additional items or extras to the contract in this regard shall be entertained The contractor must take note that compliance with the HIV/AIDS Specification is compulsory. In the event of partial or total non-compliance, the principal agent, notwithstanding the provisions of clause A 31.0 of Section A or any other clause to the contrary, reserves the right to delay issuing any progress payment certificate until the contractor provides satisfactory proof of compliance. The contractor shall not be entitled to any compensation of whatsoever nature, including interest, due to such delay of payment
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 Fixed: _____ Value related: _____ Time related: _____ 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 Fixed: _____ Value related: _____ Time related: _____ 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 Fixed: _____ Value related: _____ Time related: _____ Item

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

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 Fixed: _____ Value related: _____ Time related: _____ 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 Fixed: _____ Value related: _____ Time related: _____ 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 A31.0 of Section A or any other clause to the contrary, reserves the right to delay issuing any progress payment certificate until the contractor provides satisfactory proof of compliance. The contractor shall not be entitled to any compensation of whatsoever nature, including interest, due to such delay of payment 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 Fixed: _____ Value related: _____ Time related: _____ 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 The contractor shall identify a minimum number of youth workers from a priority list, and shall employ them at the statutory labour rates for a minimum period and train them, all as per the aforementioned specification and as elsewhere measured in these bills of quantities The contractor shall liaise and co-ordinate with the employer and the EPWP Training Service Provider with regard to the priority list, the selection of youth workers, and the employment and training of the identified youth workers

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

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

Fixed: _____ Value related: _____ Time related: _____
Item

C13.0

IMPLEMENTATION OF LABOUR-INTENSIVE INFRASTRUCTURE PROJECTS UNDER THE EXPANDED PUBLIC WORKS PROGRAMME (EPWP)

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

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

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

Fixed: _____ Value related: _____ Time related: _____
Item

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Carried to Final Summary

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

Item No		Quantity	Rate	Amount
	<u>SECTION No 2</u> <u>BILL NO. 1</u> <u>DEMOLITIONS AND ALTERATIONS</u> <u>Note:</u> For Preambles see "Specification of Material and Method to be used PW371" 3. The tenderer is advised to thoroughly inspect the existing building as required in item 59 of section 1 - Preliminaries (Clause B3.11) to fully familiarise himself with the items described herein, and any associated works that will reasonably be required to execute the works described herein, before pricing this bill. The tenderers prices will be deemed to include for any such associated work. 4. Should any ambiguity or query arise in this regard, the tenderer shall clarify same with the architect before submitting his tender, failing which he will be deemed to have made adequate provision in his prices.			
	Carried to Collection Section No. 2 REPAIRS AND MAINTENANCE TO OLD PRISON Bill No. 1 Alterations REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON		R	

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

Note:

All alteration work is to be performed in a safe, practical and workmanlike manner and at all times a competent general foreman is to be in charge and shall direct operations. The contractor shall acquaint himself and comply with all requirements and regulations of the Municipal/Local authority.

Special care is to be exercised not to interfere unnecessarily with any electrical light, power, telephone or bell lines and fittings that may be encountered. Notice is to be given when disconnections or removal of wires, etc., are necessary and the contractor is to afford every facility to the electricians, etc. carrying out this work.

"Making good" existing work where disturbed or damaged shall mean the provision of the necessary new material to match the existing and the necessary workmanship so that complete and perfect restoration is achieved to the satisfaction of the architect.

"Making good" existing work where abutting walls, etc., are removed shall mean the provision of the necessary new material and workmanship in filling the gaps to match surrounding finishes so that a complete and perfect surface, is obtained to the satisfaction of the architect.

The rates for "taking out", "taking down", of windows, doors, etc., from brickwork to remain are to include for making good all work disturbed to match surrounding finishes.

The whole of the old materials arising from the alteration shall become the property of the Employer and shall be handed over to the Employer.

Materials and articles described as "set aside for re-use" are to be carefully removed, stored and protected from damage before being re-fixed in new positions. These materials are measured as at present fixed in the existing buildings and the contractor must allow in his prices for replacing with new any of these materials that may be damaged when removing, etc., and for making up with new any loss in quantity arising from the removal or re-fixing.

Carried to Collection

Section No. 2

REPAIRS AND MAINTENANCE TO OLD PRISON

Bill No. 1

Alterations

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR
WITBANK PRISON**

R

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

The remainder of the old materials such as concrete, etc., together with all rubbish, rubble and debris are to be carted away or removed, i.e. they are to be immediately removed from the site which is to be left clean and unencumbered. The contractor will not be permitted to use skips paid for by other direct contractors for the removal of old materials, but shall be required to provide his own. Prices for the removal of doors and frames shall included for removal of fanlights, ironmongery, architraves and other associated trim. Prices for the removal of sanitary fittings shall include for the removal of copper service pipes, traps, brackets and cisterns.				
<u>GENERAL</u> 1 The tenderer shall visit the site after carefully studying the drawings, and make himself thoroughly acquainted with the nature and extent of the work to be done and the value of any materials to become the property of the contractor. No claim for extras arising from his failure to do so will be entertained. 2 The contractor will be required to comply with the Employer's requirements and the municipal by-laws in regard to the use of jackhammers or other noisy machinery required in the demolition operations. 3 The contractor will likewise be required to comply with the municipality's traffic requirements and the municipal traffic by-laws in regard to the periods during which he may cart away or do any loading or off loading of materials.	Item Item Item			
Carried to Collection Section No. 2 REPAIRS AND MAINTENANCE TO OLD PRISON Bill No. 1 Alterations REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON		R		

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

4	In taking down and removing existing work, the utmost care is to be taken to avoid any structural or other damage to the remaining portions of the building. Supply and erect suitable and substantial shoring, needling, strutting, barricading, etc., that may be necessary whilst carrying out any portion of the alterations to ensure the stability of the premises during alterations, all to the satisfaction of the architect, and remove when directed. The contractor must also protect all work not removed such as walls, floors, doors, windows, joinery, loose and fixed fittings, electrical appliances, etc., from damage during the progress of the work and provide all necessary materials for so doing.	Item		
5	In taking down and removing existing work, the utmost care is to be taken to avoid any structural or other damage to the remaining portions of the building. Supply and erect suitable and substantial shoring, needling, strutting, barricading, etc., that may be necessary whilst carrying out any portion of the alterations to ensure the stability of the premises during alterations, all to the satisfaction of the architect, and remove when directed. The contractor must also protect all work not removed such as walls, floors, doors, windows, joinery, loose and fixed fittings, electrical appliances, etc., from damage during the progress of the work and provide all necessary materials for so doing.	Item		
6	The contractor shall allow for liaison, co-ordinating, working with, programming and sequencing work to suit the programmes of the other direct contractors on site.	Item		
7	The contractor is to allow for watering the works with a jet or spray from a hose, sufficient to prevent any nuisance from dust.	Item		
8	The contractor is to ascertain that all alterations are structurally practicable and safe and he will be held solely responsible for damage to any property whatsoever from injury to or death of any person whatsoever arising out of or in the course of or caused by the execution of the works, and for the safety of the structure throughout the whole of the contract, and must make good or cause to be made good at his own expense any damage that may occur, to the satisfaction of the architect and shall pay all claims and expenses whatsoever that may arise.	Item		
Carried to Collection			R	
Section No. 2 REPAIRS AND MAINTENANCE TO OLD PRISON Bill No. 1 Alterations REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON				

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

9	Prices for the demolition of any portion of the structure shall include for its demolition complete with all surface finishes such as plaster, screeds, etc., all attached items of joinery such as skirting, etc., and all reinforcement, conduit, pipes, lintels, etc., built into that portion of the structure.	Item		
10	The contractor shall provide and erect all casings and protection for and cover up all existing fittings, doors, windows, joinery work, walls, floors, etc., not disturbed during the alterations and clear away and make good on completion.	Item		
11	The contractor shall provide, erect and remove when directed all casings temporary roof coverings, tarpaulins, dust covers and weatherproof screens and barriers that may be necessary as protection against inclement weather or other damage to the architect's satisfaction.	Item		
12	The contractor shall provide, erect and remove when directed all incidental shoring, needling, strutting, etc., that may be necessary while carrying out any portion of the works to ensure stability of the premises with suitable and substantial timber and other materials. Prices for all items of demolition to form openings shall include for the provision of such support.	Item		
13	Allow for the giving of notice to the proper authorities to disconnect the existing water supply, drain pipes, fire mains or other piping that may be encountered and for sealing pipes as required during the course of the demolitions, all to the satisfaction of the architect to whom due notice is to be given of all alterations to existing services. Pay all fees and costs in connection therewith. Allow for temporary work so that services to existing premises are maintained.	Item		
14	The contractor shall allow for liaison, co-ordinating, working with, programming and sequencing work to suit the requirements of the user client.	Item		
15	Allow for floor protection cover to protect floor finish not to be removed during construction	Item		
<u>DECANTING AND HOARDING</u>				
Carried to Collection			R	
Section No. 2 REPAIRS AND MAINTENANCE TO OLD PRISON Bill No. 1 Alterations REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON				

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
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	<u>Temporary barricades</u> <u>GYPWALL Classic 63F60S46" or similar approved partitions with two layers of 12,5mm thick "Gyproc Rhinoboard" board cladding on both sides fixed to both sides of the framework using "Gyproc Rhonoboard" sharp point screws 3,5m diameter x 25mm (for base layer and 3,5mm diameter x 42mm (for face layer) at maximum 220mm centres, "Donn UltraSTEEL" studs 63,5mm x 35mm friction fitted into top and bottom tracks 63,5mm x 25mm at 600mm centres, floor and head track fixed with one line of fixings spaced at 600mm centres, apply Gyproc Rhinotape to all joints and internal corners and with "Donn" corner beads to all external corners with cavity filled in with and including 50mm insulation blanket and 250µ damp proof membrane on one side</u>				
16	Walls exceeding 3.5m and not exceeding 4m high including demolition and removing on completion	m	250		
	<u>Temporary Kitchen</u> Allow for rental of a Mobile fully furnished kitchen building formed of cladded with 4.5mm fibre cement cladding on both sides, 90mm cavity filled in with and including foam cement on and including , Fasbuild or equal and approved, including delivery, erection, dismantling and removal from site approximately 450m2 for six months <u>Allow for movement of furniture and storage during construction storage for furniture to be 11no x 12m containers for the entire project</u>				
17			6		
18	Allow for Transportation of the of the container to site	No	11		
19	Allow for monthly rental charges including profit and attendance for the duration of the Contract 24 months		24		
Carried to Collection					R
Section No. 2 REPAIRS AND MAINTENANCE TO OLD PRISON Bill No. 1 Alterations REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON					

Safety Guide to Asbestos Removal

Note : The tenderers is drawn to all rules health and Safety rules for managing and disposing of Asbestos.

The contractor undertaking to remove asbestos should be a fully licensed asbestos removal specialist to remove the toxic waste safely. The basic requirements for asbestos removal protection, includes the wearing of a dust mask and a disposable overall.

Health and Safety Issue when Working with Asbestos

Before commencing any work, if it is thought that asbestos may be present, the project manager must undertake a complete project plan. No employee be placed at risk, in an environment where asbestos is possible located. Through a complete site survey, it must be established if materials containing asbestos are present and the work must be planned to either avoid disturbance or the need to dismantle and remove these materials.

If asbestos materials are to be removed, it is essential that the work should be undertaken by an specialist asbestos contractor, who has completed the appropriate asbestos awareness and training course and is certified. It is also important to note, whether the premises will need to be vacated whilst the work is to be undertaken, if people remain in or near the area where asbestos is to be removed, disturbance of material will place anyone in the close vicinity of the project in danger, Other considerations and decision may need to be taken into account, particularly where there is a need to work at height and to identify precisely which equipment is to be required to complete the task safely. For further information tenderers to read specification attached with this bills of quantities

DEMOLITION AND ALTERATION WORK

REMOVAL OF EXISTING WORK

Carried to Collection

Section No. 2
REPAIRS AND MAINTENANCE TO OLD PRISON
Bill No. 1
Alterations
REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR
WITBANK PRISON

R

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

	<u>Breaking up and removing mass concrete</u>				
20	100mm Thick surface bed	m2	1 216		
	<u>Breaking down and removing brickwork etc</u>				
21	Half brick wall	m2	8		
22	Brick-on-edge external window cill, 180mm wide, set sloping and slightly projecting	m	271		
	<u>Taking out and removing doors, windows, etc including thresholds, sills, etc including making good</u>				
23	Timber single door not exceeding 2,5m2 on door frame not to be removed	No	35		
	<u>Taking out and removing doors, windows, etc including thresholds, sills, etc (building up openings elsewhere)</u>				
24	Cell Door formed of 50mm Thick hollow steel door size 0,894 x 2,032m high overall comprising 1,6mm mild steel reinforcement bracing channel covered on both sides with 1,6mm sheet metal po-riveted to framing,	No	2		
	<u>Taking out and removing doors, windows, etc including thresholds, sills, etc and building up openings in brick walls including making good cement plaster on both sides (making good paint work elsewhere)</u>				
25	Timber single door and frame not exceeding 2,5m2	No	20		
	<u>Carefully taking down roof sheeting set aside for re-use</u>				
26	IBR iron roof covering	m2	61		
	<u>Taking down and removing roofs, floors, panelling, ceilings, partitions, etc</u>				
27	Damaged IBR iron roof covering	m2	41		
28	Damaged ridge cover	m	6		
Carried to Collection					R
Section No. 2 REPAIRS AND MAINTENANCE TO OLD PRISON Bill No. 1 Alterations REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON					

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
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29	Damaged hip cover	m	1		
30	Gypsum plasterboard ceilings including cornices, timber bandering, etc	m2	819		
31	Existing cornice	m	91		
	<u>Take out and remove water damaged or rotten roof timbers members on existing roof including jacking the entire roof during construction</u>				
32	50 x 75mm Purlins	m	3 240		
33	38 x 114mm Ceiling joist	m	1 440		
34	38 x 114mm Rafters in existing trusses	m	3 312		
35	38 x 152mm Beam in existing trusses	m	3 000		
	<u>Taking out and removing sundry joinery work</u>				
36	Timber skirtings from brickwork	m	39		
37	Fibre cement or barge board complete with 38 x 38mm battens	m	801		
	<u>Taking up and removing vinyl floor coverings, carpeting, etc</u>				
38	Vinyl tile floor covering including preparing screed for new vinyl floor covering	m2	48		
39	Carpet tile floor covering including preparing screed for new carpeting	m2	29		
40	30mm Epoxy floor including preparing floor to receive floor covering	m2	723		
	<u>Taking out and removing ironmongery</u>				
41	Mortice lock and striking plate from timber door and timber frame	No	3		
Carried to Collection Section No. 2 REPAIRS AND MAINTENANCE TO OLD PRISON Bill No. 1 Alterations REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON					R

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

	<u>Taking out set aside for re-used security window mesh and burglar bars and later re-weld and leave in a good working condition to the satisfaction of the Architect</u>				
42	Window size 0,53 x 0,65m high	No	11		
43	Window size 1,50 x 0,60m high	No	38		
44	Window size 0,90 x 1,20m high	No	6		
45	Window size 1,20 x 1,20m high	No	178		
	<u>Hacking up/off and removing granolithic, screeds, plaster, etc from concrete or brickwork and preparing surfaces for new screeds, plaster, etc</u>				
46	30mm Granolithic from floors	m2	2 729		
47	30mm Average Screed from floors	m2	263		
48	Internal plaster from walls and columns	m2	120		
49	External plaster from walls and columns	m2	2		
50	Internal plaster from soffit of slab	m2	420		
51	Skirting average 100mm high	m	1 062		
	<u>Carefully take out set aside for re-use electrical light fitting and re-install light fittings after new ceiling has been installed. Light fitting to be installed by registered wire man electrician</u>				
52	2 # 1200mm Surface florescent	No	216		
53	2 # 1500mm Surface florescent	No	276		
54	CFL light fitting for energy lights wall mounted	No	420		
55	2 # 18W Round bulkhead	No	528		
56	2 # 18W Square bulkhead	No	528		
Carried to Collection				R	
Section No. 2 REPAIRS AND MAINTENANCE TO OLD PRISON Bill No. 1 Alterations REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON					

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

	<u>Hacking up/off and removing ceramic tile floor and wall finishes including removing mortar bed or backing and preparing concrete or brick surfaces for new screed, plaster or tile finishes</u>				
57	Glazed ceramic wall tiles	m2	891		
58	Glazed floor tiles	m2	194		
	<u>Taking out and removing rainwater down piping, gutter etc including preparing existing gutter or down pipe to receive new pipe or gutter (elsewhere)</u>				
59	125 x 100mm Rainwater gutter with brackets and fixed to brickwork or concrete	m	1 136		
	<u>Taking out and removing piping, sanitary fittings, etc including disconnecting piping from fittings and making good floor and wall finishes (making good tiling and paint work elsewhere)</u>				
60	15 - 30mm Galvanised steel piping including hacking up plaster to exposed chased pipes	m	942		
61	15mm Galvanised steel piping including fittings and brackets	m	480		
62	100mm Cast iron piping including fittings and brackets	m	394		
63	15 -35mm Copper piping including fittings and brackets	m	216		
64	50mm Diameter cast iron pipe	m	108		
65	Vitreous china wash hand basin	No	267		
66	Vitreous china WC pan with cistern	No	126		
67	Stainless steel double bowl sink	No	2		
68	Stainless steel urinal 1 200 x 1 200mm high including breaking up and removing 100mm wide concrete urinal step	No	323		
69	Take out shower arm and rose	No	21		
Carried to Collection				R	
Section No. 2 REPAIRS AND MAINTENANCE TO OLD PRISON Bill No. 1 Alterations REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON					

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

	<u>Taking out and removing piping, etc including excavation not exceeding 2m deep and exposing the piping including backfilling and compacting</u>				
70	100mm Cast iron piping including fittings and brackets	m	49		
71	50mm Diameter surface mounted colorifier pipe	m	25		
	<u>Carefully take out and remove existing broken panes to steel windows and protecting other window panes from breakage, etc., including cleaning and preparing to receive new panes:</u>				
72	Glass from steel windows including cleaning out rebates and preparing for new glass	m2	6 759		
	<u>Carefully take out and remove cracked putty on existing panes to steel windows and protecting other window panes from breakage, etc., including cleaning and preparing to receive new panes:</u>				
73	Damaged or cracked putty from existing window panes	m	2 237		
	<u>MAKING GOOD OF FINISHES ETC</u>				
	<u>PREPARATORY WORK TO EXISTING SURFACES</u>				
	Carried to Collection			R	
	Section No. 2 REPAIRS AND MAINTENANCE TO OLD PRISON Bill No. 1 Alterations REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON				

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

	<u>Prepare and apply one coat of "Polymer modified fibre reinforced structural repair mortar as supplied by abe Construction Chemical or equally approved"</u> The substrate must be sound, firm and clean, free of oil, grease, loose particle and cement laitance, old layer of paint, or other contaminants All edges to be repaired must be square cut to a minimum of 10mm deep perpendicular to the surface followed by the removal of all unsound material. When using compressor air for cleaning, the air must be cleaned and oil free. Expose all corroded reinforcing steel and grit blast. A clean bright finish is required ensuring to that all corrosion product are removed, particularly behind the steel. Expose reinforcing bar to be primed by applying durarep ZR primer Use epidermix 344 wet to dry epoxy as primer for structural application where the bond strength must be equal or greater than parent material.				
74	Making good defects in existing screeded floors with "Pavelite" <u>OPENINGS THROUGH EXISTING WALLS ETC</u> <u>Breaking out for and forming openings through brick walls for new doors and frames including necessary precast concrete lintels and making good plaster on one side and into reveals and face brickwork on other side and into reveals and with concrete thresholds with steel trowelled finish (new doors and frames and making good paint work elsewhere)</u>	m2	77		
75	Opening for Cell type windows size 930 x 895mm high overall through 280mm cavity wall	No	2		
Carried to Collection					R
Section No. 2 REPAIRS AND MAINTENANCE TO OLD PRISON Bill No. 1 Alterations REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON					

REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 2</u>			
	<u>BILL NO. 3</u>			
	<u>CONCRETE, FORMWORK AND REINFORCEMENT</u>			
	<u>Note:</u>			
	For Preambles see "Specification of Material and Method to be used PW371"			
	<u>CONCRETE</u>			
	<u>REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u>			
	<u>Mass concrete with a coarse aggregate of 19mm and a minimum compressive strength of 20MPa at 28 days</u>			
1	Urinal steps	m3	4	
2	Surface beds in patchwork	m3	107	
	<u>Concrete test cubes</u>			
3	Prepare set of three 150 x 150 x 150mm concrete strength test cubes, label and send to an approved laboratory for testing, pay all charges and submit report to the Representative/Agent. Only successful tests will be paid for	No	150	
	<u>Sundries</u>			
4	Finish raking top surface of concrete slabs, etc. to a smooth and even wood floated surface including additional dry sand/cement mixture added as necessary whilst the concrete is still wet	m2	1 102	
	<u>REINFORCEMENT</u>			
	Carried to Collection			
	Section No. 2			
	REPAIRS AND MAINTENANCE TO OLD PRISON			
	Bill No. 3			
	Concrete, Formwork and Reinforcement			
	REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR			
	WITBANK PRISON			

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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 2</u>			
	<u>BILL NO. 4</u>			
	<u>MASONRY</u>			
	<u>Note:</u>			
	For Preambles see "Specification of Material and Method to be used PW371"			
	<u>SUPERSTRUCTURE</u>			
	<u>Brickwork in class I mortar</u>			
1	Half brick walls in patchwork	m2	2	
2	One brick wall in patchwork	m2	4	
3	280mm Cavity walls in patchwork	m2	8	
4	One brick walls in closing up opening	m2	4	
	<u>BRICKWORK SUNDRIES</u>			
	<u>Galvanised hoop iron cramps, ties, etc</u>			
5	30 x 1,6mm Wall tie 500mm long with one end shot pinned to brick wall and other end built into brickwork	No	12	
	<u>Brickwork reinforcement</u>			
6	75mm Wide reinforcement	m	45	
7	150mm Wide reinforcement	m	124	
	<u>Prestressed fabricated lintels</u>			
8	100 x 70mm Lintels in lengths not exceeding 3m	m	42	
	Carried to Collection			
	Section No. 2			
	REPAIRS AND MAINTENANCE TO OLD PRISON			
	Bill No. 4			
	Masonry			
	REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON			

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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

<u>External facings in approved face bricks (FBS) to match existing pointed with square recessed horizontal and vertical joints</u>					
9	Extra over brickwork for face brickwork in patchwork	m2	34		
10	Bullnose brick-on-edge external window cill, 180mm wide, set sloping and slightly projecting in cement mortar and pointed on top, front edge and projecting soffit including all necessary fair raking cutting to facings under and fair and fitted ends	m	271		
<u>BRICKWORK SUNDRIES</u>					
11	Re-built loose face brick-on-edge external window cill, 180mm wide, set sloping and slightly projecting in cement mortar and pointed on top, front edge and projecting soffit including all necessary fair raking cutting to facings under and fair and fitted ends	m	152		
12	Cutting toothings and bonding new brickwork to existing	m2	24		
13	Caulking mortar or grout into door frame or window frame	m	552		
<u>BRICKWORK SUNDRIES</u>					
14	Brick up existing opening with new brick work including cutting tooth and bonding new brickwork into existing masonry	m2	32		
<u>Repair to expansion joint</u>					
15	Expansion joints to be cleaned and old soft board removed. Close joint with multiple layers of 10mm x 50mm Sondor stripes made by "Sondor", leaving a 20mm gap to the face of the brick work or plaster. Seal the joints with polysulphide sealer to match the colour of the brick work	m	23		
16	Expansion joints to be cleaned and old soft board removed. Close joint with multiple layers of 10mm x 50mm Sondor stripes made by "Sondor", leaving a 20mm gap to the concrete. Seal the joints with polysulphide sealer to match the colour of the brick work	m	42		
Carried to Collection				R	
Section No. 2 REPAIRS AND MAINTENANCE TO OLD PRISON Bill No. 4 Masonry REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON					

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

	<u>Repairs to structural cracks</u>				
17	Rake out joints to a depth of 50 to 80mm and dust off. Caulk-up joints with (1:2) mortar re-point the joints to match existing.	m	64		
18	Repairs to structural cracks involving jacking the walls where cracks occurred and carefully removing bricks set aside for re-use and re-built wall to match existing all as per structural engineers specification. All propping to be left in place until the walls have properly set	m2	10		
19	Cut out cracked bricks and replace with matching brick and leave good condition	m2	4		
	<u>High Pressure Cleaning of face bricks</u>				
	<u>High pressure cleaning of face bricks with approved brick cleaner to remove fungal growth and efflorescent deposit, graffiti painting etc. by brushing off or scrubbed with "Berger fungul washed" or equally approved solution cleaning to be approved by the Architect</u>				
20	On existing external face bricks	m2	3 464		
Carried to Collection					R
Section No. 2 REPAIRS AND MAINTENANCE TO OLD PRISON Bill No. 4 Masonry REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON					

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 2</u> <u>BILL NO. 5</u> <u>WATERPROOFING</u> <u>Note:</u> For Preambles see "Specification of Material and Method to be used PW371"			
	<u>DAMP PROOF COURSE</u> <u>DAMP-PROOFING OF WALLS AND FLOORS</u> <u>Prepare and apply one coat of "a.b.e.duraflex" or equally approved waterproofing compound. Saturate strips of 200mm ecofelt (polypropylene membrane) and apply to all angles, sharp edges and verges etc. Allow first coat to cure. Apply a second coat of "a.b.e. duraflex" or equally approved at right angles to the first coat, all in accordance with manufacturer's recommendations.</u>			
1	On plastered soffits of slab	m2	173	
2	On walls	m2	339	
3	On concrete floors	m2	140	
	<u>JOINT SEALANTS ETC</u> <u>Approved joint sealant:</u>			
4	Prepare and apply polysulfied sealant between walls and floor all as per manufacturers specification	m	12	
5	Prepare and apply polysulfied sealant between walls in existing expansion joints all as per manufacturers specification	m	23	
	Carried to Collection			
	Section No. 2 REPAIRS AND MAINTENANCE TO OLD PRISON Bill No. 5 Waterproofing REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON			

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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 2</u>			
	<u>BILL NO 6</u>			
	<u>ROOF COVERINGS</u>			
	<u>Note:</u>			
	For Preambles see "Specification of Material and Method to be used PW371"			
	<u>PROFILED METAL SHEETING AND ACCESSORIES</u>			
	<u>0,6mm Thick light industrial Z275 spelter galvanised steel IBR profiled sheeting to match existing</u>			
1	Roof coverings (elsewhere removed) m2	61		
2	Roof coverings with pitches not exceeding 25 degrees in patchwork to match existing m2	41		
3	Ridge cappings 650mm girth m	6		
4	Hip cappings 650mm girth m	1		
	<u>ROOF REHABILITATION</u>			
	<u>Sealing of existing leaking roof</u>			
5	Carefully examine existing IBR iron roof sheeting for leakage, replace all defective and loose drive screws with longer driven screws, washer and cupped washer seal small holes with flashing membrane prepare and apply acrylic and rubberised bitumen waterproofing flashing including membrane and metal primer where necessary over roof screw head in problem areas, all in accordance with the manufacturer's instructions and leave watertight. m2	4 685		
	<u>RAINWATER DISPOSAL</u>			
	Carried to Collection		R	
	Section No. 2 REPAIRS AND MAINTENANCE TO OLD PRISON Bill No. 6 Roof Coverings etc REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON			

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
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	<u>0,9mm Seamless sheet metal gutter with chromodeck finish</u>				
6	125 x 100mm Rectangular section eaves gutter with 20mm wide overlapping joints sealed with and including bitumen impregnated foam plastic joints sealing strip and rivetted at 20mm centre	m	1 136		
7	Extra over 125 x 100mm eaves gutter for stopped end	No	106		
8	Extra over 125 x 100mm eaves gutter for angle	No	8		
9	Extra for outlet with nozzle for and jointed to 100 x 100mm downpipe including galvanised wire balloon grating	No	169		
10	100 x 100mm Diameter rainwater downpipe with brackets fixed to brick wall or concrete	m	831		
11	Extra for shoe	No	169		
12	Extra for eaves offset	No	169		
	<u>Sundries</u>				
13	Service downpipe including replacing missing brackets, re-alignment and leave in good working condition	m	4		
14	Service gutter including replacing missing gutter brackets, re-alignment and leave in good working condition	m	24		
Carried to Collection					R
Section No. 2 REPAIRS AND MAINTENANCE TO OLD PRISON Bill No. 6 Roof Coverings etc REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON					

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REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON

Item No	Quantity	Rate	Amount
<u>SECTION NO. 2</u> <u>BILL NO. 7</u> <u>CARPENTRY AND JOINERY</u> <u>Note:</u> For Preambles see "Specification of Material and Method to be used PW371" 3. All boards, rails, frames, etc. shall include all associate mitres, trimming to size, temporary holding in position and fixing complete 4. All timber must be protected from rot attack by fungi and insects by having been treated in accordance with SABS 1200			
<u>REPAIRS TO ROOF TIMBERS</u> <u>Replace damaged roof timbers in existing trusses removal (elsewhere measured) including Engineering Certificate</u> <u>Sawn softwood</u>			
1	38 x 38mm Fascia or barge board support	m	801
2	50 x 75mm Purlins	m	1 800
3	76 x 76mm Splayed eaves purlin	m	1 800
4	38 x 114mm Ceiling joist	m	1 440
5	38 x 152mm Beam	m	1 200
6	38 x 152mm Rafters	m	480
Carried to Collection			R
Section No. 2 REPAIRS AND MAINTENANCE TO OLD PRISON Bill No. 7 Carpentry and Joinery REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON			

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
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7	38 x 114mm Longitudinal bracing	m	720		
8	38 x 114mm Cross bracing	m	960		
	<u>Bolted timber roof trusses</u>				
9	38 x 114mm Roof timbers in patching damaged existing roof trusses in lengths not exceeding 2,4m long	m	720		
10	38 x 114mm Roof timbers in in patching existing damaged roof trusses lengths exceeding 2,4m and not exceeding 3,9m long	m	480		
11	38 x 152mm Roof timbers in patching existing damaged roof trusses in lengths not exceeding 2,4m long	m	960		
12	38 x 152mm Roof timbers in patching existing damaged roof trusses in lengths exceeding 3,9m and not exceeding 6,6m long	m	480		
13	38 x 152mm Roof timbers in patching existing damaged roof trusses in lengths exceeding 6,6m long	m	360		
	<u>Roof Sundries</u>				
14	Galvanized mild steel hurricane type fixing clip nailed between truss and heel bracing connection	No	1 440		
15	50mm Diameter toothed ring connector between truss members at connections	No	480		
16	Mild steel screw bolts with nuts and washers	kg	960		
17	3,2mm Galvanized wire purlin tie	No	960		
18	Galvanized mild steel hurricane type fixing clips nailed between rafter and purlin connection <u>(Provisional)</u>	No	480		
	<u>Wood Preservative</u>				
19	Two coats wood preservative applied hot on sawn timbers before fixing	m2	207		
Carried to Collection				R	
Section No. 2 REPAIRS AND MAINTENANCE TO OLD PRISON Bill No. 7 Carpentry and Joinery REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON					

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

	<u>Fibre Cement Fascia and Barge board</u>			
20	10 x 225mm Fascia board countersunk screwed to roof timbers (elsewhere) with two brass screws at maximum 1200mm centres and jointed with and including standard aluminium half round cover strips at all joints	m	801	
	<u>Sundries</u>			
21	Service existing fascia and barge board including replacing missing, loose strips, re-aligning, and nailing loose screws and leave in good condition	m	1 032	
	<u>SKIRTINGS</u>			
	<u>Wrought meranti</u>			
22	76 x 19mm Meranti skirting with 25mm quarter round fixed against wall	m	24	
	<u>DOORS, ETC.</u>			
	<u>Wrought Meranti</u>			
23	40 x 813 x 2032mm Framed, ledged and braced batten door formed of 40 x 110mm styles and top rail, 20 x 225mm bottom ledge, 20 x 150mm middle ledge and 20 x 110mm diagonal braces, filled in flush one side with 20 x 75mm tongued, grooved and V-jointed both sides vertical boarding fixed in and including grooves in styles and top rail	No	26	
24	40 x 1 374 x 2 137mm Framed, ledged and braced batten double door in two equal leaves with rebated meeting styles, each leaf formed of 40 x 110mm styles and top rail, 20 x 225mm bottom ledge, 20 x 150mm middle ledge and 20 x 110mm diagonal braces, filled in flush one side with 20mm x 75mm tongued, grooved and V-jointed both sides vertical boarding fixed in and including grooves in styles and top rail	No	6	
	<u>Solid laminated flush panel doors with Meranti veneer both sides and two matching concealed vertical edge strips</u>			
25	40 x 769 x 1 910mm Door	No	33	
	Carried to Collection			R
	Section No. 2 REPAIRS AND MAINTENANCE TO OLD PRISON Bill No. 7 Carpentry and Joinery REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON			

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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 2</u> <u>BILL NO. 8</u> <u>CEILINGS, PARTITIONS AND ACCESS FLOORING</u> <u>Note:</u> For Preambles see "Specification of Material and Method to be used PW371" <u>SUPPLEMENTARY PREAMBLES</u> <u>Descriptions</u> Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins or shot pinned to brickwork or concrete Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 600mm centres, and where described as "bolted" the bolts have been given elsewhere <u>Bulkheads</u> Bulkheads are those areas of ceilings which are at a level differing from the general ceilings in a particular room or area and which generally occur along the perimeter of the room or area. Their purpose is either to conceal services or to create an architectural feature by changing levels Bulkheads will only be measured as such when they conform with the above description and when the horizontal or vertical dimensions do not exceed 1200mm. Should these dimensions be more than 1200mm then the horizontal or vertical ceilings will be included in the general ceiling measurements			
	Carried to Collection			
	Section No. 2 REPAIRS AND MAINTENANCE TO OLD PRISON Bill No. 8 Ceilings, Partitioning and Access Flooring REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON			

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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

<u>CEILINGS</u>					
<u>Fibreglass insulation</u>					
1	100mm Insulation closely fitted and laid on top of brandering between roof timbers etc.	m2	666		
<u>Fibre cement ceilings</u>					
2	Horizontal ceiling formed of 6mm thick x 1200mm wide boards with and including H-type pressed steel jointing strips and 38 x 38mm sawn softwood brandering at 400mm centres in one direction and around edges where required for fixing cornices, securely spiked to roof timbers	m2	31		
<u>9,8mm "BPB Gypsum Rhino board on 38 x 38mm brandering at 400mm centre on one direction with joints covered with H-section cover strip complete</u>					
3	Horizontal ceiling in patchwork	m2	788		
4	Extra over plasterboard ceiling for hinged pressed metal trap door size 600 x 600mm including all necessary ironmongery	No	1		
<u>Standard gypsum plasterboard cornices</u>					
5	75mm Coved cornice	m	44		
6	Cornice in patchwork to match existing	m	47		
<u>Sundries</u>					
7	Inspect existing horizontal fibre cement or gypsum plasterboard ceiling including re-aligning ceiling or replace damaged or missing h-section strips and leave in good condition to the satisfaction of the Architects	m2	432		
8	Repair existing loose or damaged cornice to the satisfaction of the Architect	m	113		
Carried to Collection				R	
Section No. 2 REPAIRS AND MAINTENANCE TO OLD PRISON Bill No. 8 Ceilings, Partitioning and Access Flooring REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON					

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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 2</u> <u>BILL NO. 9</u> <u>FLOOR COVERINGS, WALL LININGS, ETC.</u> <u>NOTES:</u> For Preambles see "Specification of Material and Method to be used PW371"			
	<u>FLOOR COVERINGS</u> <u>2,5mm Thick x 1,2m "Marleyflex" or equally approved Superflux fully flexible vinyl sheeting manufacturer in accordance with SANS 786 and laid in FloorworX No. 62 acrylic adhesive Colour to Architect's approval</u>			
1	On floors	m2	48	
	<u>SEALERS</u> Two coats floor dressing as recommended by the manufacturer of the floor coverings on vinyl flooring	m2	48	
	<u>Carpet Tiles</u> <u>500 x 500 x 6,5mm Thick Polypropylene structured needle punch grade general / medium commercial carpet tiles, all as per Architects approval and to Manufactures specification complying to SANS 1357</u>			
3	On floors and landings	m2	29	
	Carried Forward to Summary of Section No. 2 Section No. 2 REPAIRS AND MAINTENANCE TO OLD PRISON Bill No. 9 Floor Covering, Wall Lining, etc REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON		R	

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 2</u> <u>BILL NO. 10</u> <u>IRONMONGERY</u> <u>Note:</u> For Preambles see "Specification of Material and Method to be used PW371" 3. The following are inclusive of all associated fixing, fittings, suspension chains, etc.			
	<u>THE FOLLOWING IRONMONGERY FIXED TO DOORS, ETC.</u> <u>Bolts and latches</u> 1 150mm Satin chrome flush bolt and keep No 8 2 150mm Satin chrome flush bolt with a short length of brass tubing let into concrete floor as keep No 8 <u>Replace the following ironmongery to match existing</u> 3 Standard brass pag and stay to residential steel windows No 160 4 Standard brass sliding stay to residential steel windows No 620 5 Residential type steel window handle No 856 6 Striking plate to existing door frame No 108 <u>"Union" or equally approved</u> 7 2247-78SS Four lever upright lock set with striking plate fixed to metal No 34			
	Carried to Collection			
	Section No. 2 REPAIRS AND MAINTENANCE TO OLD PRISON Bill No. 10 Ironmongery REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON			

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

8	2247-78SS Four lever upright rebated lock set with striking plate fixed to metal	No	6		
9	CZ682TL-73SC Gower bathroom lever furniture with bathroom turn and emergency release	No	33		
<u>PUSH AND KICKING PLATES</u>					
<u>2mm Satin finished stainless steel</u>					
10	800 x 200mm Plate fixed to timber door	No	91		
<u>"Kimberley Clark" or similar approved</u>					
11	Code 427518 Liquid soap dispenser plugged	No	3		
12	Code 426510 Impi roll towel dispenser with code 427112 disposer plugged	No	4		
13	Code 405597 SE2 two roll toilet roll holder dispenser plugged	No	4		
<u>SUNDRIES</u>					
14	Union CZ8731SC Rubber door stop	No	41		
Carried to Collection					R
Section No. 2 REPAIRS AND MAINTENANCE TO OLD PRISON Bill No. 10 Ironmongery REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON					

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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 2</u> <u>BILL NO. 11</u> <u>METALWORK</u> <u>Note:</u> For Preambles see "Specification of Material and Method to be used PW371" <u>SUPPLEMENTARY PREAMBLES</u> <u>Primer</u> All surfaces of steelwork to be painted with one coat approved factory primer before leaving the workshop of the Manufacturer and all scratches, chips or blemishes to be made good on site after erection. All rates tendered must make provision for this as no claim will afterwards be entertained <u>Descriptions</u> Descriptions of bolts shall be deemed to include nuts and washers. Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete. Metalwork described as "holed for bolt(s)" shall be deemed to exclude the bolts unless otherwise described.			
	<u>WELDED SCREENS, GATES, ETC</u>			
	Carried to Collection			
	Section No. 2 REPAIRS AND MAINTENANCE TO OLD PRISON Bill No. 11 Metalwork REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON			
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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

	<u>Repairs, Security Steel door to open and close properly including replacing damaged or missing parts, locking mechanism, handle etc. and re-welding loose steel door according specification and leave in a good working condition new parts to be purchased from an approved dealers all to be approved by the principal agent</u>			
1	Service security gate size 1 120 x 2 332mm high including replacing missing parts to open and close properly and leave in a good working condition <u>MILD STEEL CELL DOORS, GRILLE GATES, FRAMES ETC.</u> The cell doors, grille gate and frames shall be purpose made according to the description, specifications, sizes and detail shown on drawing at the back of these Bills of Quantities. <u>Cell Grill gate</u>	No	15	
2	Grill steel door size 925 x 2 100mm high overall formed of 50 x 50 x 6mm thick angle section frame surround with 17mm diameter mild steel vertical rod welded at the frame at 136 centres, provided with one bow handle and with 240 x 180mm high steel lock cover plate, complete with gusset plate at four corners, etc, (lock and lock box to be supplied by SAPS Logistics) all as per detail at the back of this bills of quantities <u>Cell door</u>	No	2	
3	50mm Thick hollow steel door size 0,894 x 2,032m high overall comprising 1,6mm mild steel reinforcement bracing channel covered on both sides with 1,6mm sheet metal po-riveted to framing, provided with one bow handle and with 230mm high steel lock box welded in position (lock and lock box to be supplied by SAPS Logistics) all as per detail drawing at the back of this bills of quantities	No	2	
Carried to Collection Section No. 2 REPAIRS AND MAINTENANCE TO OLD PRISON Bill No. 11 Metalwork REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON				

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REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON

<u>Inspect, repairs, service existing cell window to open and close properly, re-built loose windows, replace missing or damaged parts or window furniture, etc. and leave in a good working condition to match existing, windows parts to be approved by principal agent</u>					
8	Existing cell window size 0,500 x 0,950m high	No	55		
				R	
Carried to Collection					
Section No. 2					
REPAIRS AND MAINTENANCE TO OLD PRISON					
Bill No. 11					
Metalwork					
REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR					
WITBANK PRISON					

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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

	<u>Self leveling epoxy screed finished smooth and colour coated as per manufacturers' specification</u>				
6	4mm Thick on floor and landing	m2	2 381		
7	4mm Thick on 100mmm high skirting	m	1 062		
	<u>INTERNAL PLASTER</u>				
	<u>Cement plaster on brickwork</u>				
8	On walls	m2	1 026		
9	On wall in patches	m2	120		
10	On soffit of slab in patches	m2	420		
	<u>Repair cracks in walls</u>				
11	Chip open existing crack 100mm on each side clean out all dust and loose material, fix strip expanded metal over crack and apply with plasterkey and plaster to match existing internally	m	166		
	<u>EXTERNAL PLASTER</u>				
12	On walls	m2	2		
	<u>Repair cracks in walls</u>				
13	Chip open existing crack 100mm on each side clean out all dust and loose material, fix strip expanded metal over crack and apply with plasterkey and plaster to match existing internally	m	34		
Carried to Collection					R
Section No. 2 REPAIRS AND MAINTENANCE TO OLD PRISON Bill No. 12 Plastering REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON					

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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 2</u> <u>BILL NO. 14</u> <u>PLUMBING AND DRAINAGE</u> <u>(PROVISIONAL)</u> <u>Note:</u> For Preambles see "Specification of Material and Method to be used PW371"			
	<u>SANITARY FITTINGS</u> <u>STAINLESS STEEL</u> <u>NOTE : Stainless steel for economic basin, domestic sinks worktops and washtroughs shall be type 430 (17/0)</u> <u>NOTE : Stainless steel for economic basin, domestic sinks worktops and washtroughs shall be type 304 (18/8)</u> <u>Wash Trough Security type</u>			
1	'Franke Code 325307" or equally approved 1,2mm Grade 304 18/10 stainless steel stainless steel double wash trough (code 256005) size 1050 x 440 x 240mm deep slanted ribbed front side for scrubbing and 40mm waste outlet, stainless steel brackets (code 300367) bolted to wall with 4 x 6mm anchor bolts	No	53	
	Carried to Collection			
	Section No. 2 REPAIRS AND MAINTENANCE TO OLD PRISON Bill No. 14 Plumbing and Drainage REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON			

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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

<u>Curved back urinal in grade 304 (18/8) polished stainless steel</u>				
2	Trough urinal type TU 102 Autflush type 900 TU102 urinal with and including build in tipping tank to flush including drip cock size 900mm long x 1 220mm high with sound-deadened back, top and two sides with tiling keys, centre outlet and removable domical grating, 28mm diameter concealed back entry sparge pipe	No	23	
<u>Stainless steel wc pan, etc. shall be 1,2mm type 304 AISI (18/10)</u>				
3	Security type Stainless Steel floor mounted Pan code 2540164 Water Closet SAPX597 W+F W/C 500 Toilet pan size 550 x 395 x 445mm with extendable inlet or equally approved including High level Stainless Steel Cistern with Supa Flush Valve and a 41mm diameter Stainless Steel flush pipe	No	50	
<u>Wash hand basins:</u>				
4	Heavy duty Stainless Steel Security type Wash hand basin size 565 x 445 x 450mm deep, fitted with approved 15mm push button tap mounted at the top and 38mm chromium plated waste outlet including fixing into brickwork all as per detail drawing at the back of this bills of quantities	No	74	
5	"Vaal Sanitaryware Springbok code 7031" or equally approved fireclay wall mounted basin size 550 x 400mm with two tapholes, including intergrated overflow and chainstay holes fixed to wall with semi concealed cast iron brackets	No	3	
<u>Shower Tray</u>				
6	BS Shower Tray (Security) : BS400 Shower Tray (800mm x 800mm x 75mm) Stainless Steel 1.2 mm Gauge- interrated waste included.	No	34	
Carried to Collection				R
Section No. 2 REPAIRS AND MAINTENANCE TO OLD PRISON Bill No. 14 Plumbing and Drainage REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON				

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

	<u>Wash hand basins:</u>			
7	"Vaal Sanitaryware Springbok code 7031" or equally approved fireclay wall mounted basin size 550 x 400mm with two tapholes, including intergrated overflow and chainstay holes fixed to wall with semi concealed cast iron brackets	No	24	
	<u>WASTE, ETC.</u>			
8	32 mm Basin waste	No	90	
9	38 mm Sink waste	No	84	
10	38mm Domical grating urinal waste union	No	23	
	<u>TRAPS, ETC.</u>			
11	40 mm Butyl rubber deepseal "P" trap	No	87	
12	32 x 40mm Chromium plated bottle trap	No	107	
13	40mm Butyl rubber resealing P-trap to comply with SANS 1321	No	26	
14	40mm Rough brass shower waste, with 75mm diameter chrome plated shower grating	No	55	
	<u>TAPS, VALVES, ETC.</u>			
15	15 mm 059 CP extension piece with sliding wall flange	No	61	
16	"Cobra Watertech code:KM2.202-15" or equally approved 15mm chrome plated demand bibtap	No	116	
	<u>Shower Accessories</u>			
17	Under tile single lever shower mixer (SANS 1480) or equally approved all as per manufacturer specification	No	34	
18	15mm Slimline Shower head DN 15 with plastic jet face or equally approved all as per manufacturers instruction	No	55	
	Carried to Collection			R
	Section No. 2 REPAIRS AND MAINTENANCE TO OLD PRISON Bill No. 14 Plumbing and Drainage REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON			

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

19	Recessed shower panel unit size 1 485 x 322 x 68 mm to be manufactured with holes to accommodate the mixer / tap and shower roses all as per detail drawing on drawing no. 043991/B2.1.	No	55		
	<u>Basin mixer</u>				
20	Walcro type 155ws security type basin mixer formed of 15mm BSP, built-in sleeve,DZR brass basin valve with internal flow control, strainer and no hold feature for single basin. Specifications for basin / drinking spout Walcro BBD/15: 15mm BSP, high risk, chrome, basin / drinking wall spout with locking pins.	No	59		
	<u>Urinal Flush Valve Systems</u>				
21	Urinal Flush Valves Security Type SANS1480), to manufactures specification.	No	23		
22	"Walker Crosweiler Walcro 330UR" or equally approved 15mm chrome exposed urinal flush valves with chromium plated wall flanges	No	23		
	<u>Toilet Flush Valves</u>				
23	Toilet Flush Valve Security type System formed of 25mm flush valves including adapter to pan	No	50		
	<u>SERVICING, CLEANING AND REPAIR OF SANITARYWARE</u>				
	<u>Sanitary Fittings</u>				
24	Clean,seal leakages, replace missing toilet seat with heavy duty single flap toilet seat, and destaining of wc pan with approved destaining solutions and leave in good working condition	No	1		
25	Clean, seal leakages in taps, replace missing tap, flexi connector and destaining with approved destaining solution existing wash hand basin and leave in good working condition	No	3		
26	Clean, seal leakages, service urinal cistern, destained urinal and leave in good working condition	No	8		
	Carried to Collection			R	
	Section No. 2 REPAIRS AND MAINTENANCE TO OLD PRISON Bill No. 14 Plumbing and Drainage REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON				

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

27	Service, replace wc cistern flushing mechanism and leave in good working condition	No	1		
28	Service replace urinal flushing mechanism and leave in good working condition	No	8		
<u>SERVICING, OVERHAULING AND CLEANING OF BRASS WARE</u>					
<u>Service and repair brass ware with new repair kit and leave in good working condition</u>					
29	15mm Diameter pillar tap	No	2		
30	15mm Chromium Plated wall mounted tap	No	4		
31	15mm Recessed brass stopcocks	No	5		
<u>Replace missing tap handles</u>					
32	15 - 20mm Chromium plated star handle	No	2		
<u>Replace washer on brassware with kits</u>					
33	15mm Chromium Plated wall mounted taps	No	2		
<u>SERVICE, CLEANING AND REPAIR OF DOMESTIC WATER DRAINAGE PIPE INSTALLATIONS</u>					
34	Repair and or replacement of damaged pipe lagging and cladding for 15 to 32mm diameter fibreglass section with galvanised sheet metal	m	3		
35	Preparation and painting of exposed pipework exceeding 15mm and not exceeding 32mm diameter	m	8		
<u>Service and repair of drainage installations</u>					
36	Unblock and clean P-traps	No	2		
37	Preparation and painting of all expose pipework not exceeding 50mm diameter	m	24		
38	Replace missing or broken cleaning eye cover	No	2		
Carried to Collection				R	
Section No. 2 REPAIRS AND MAINTENANCE TO OLD PRISON Bill No. 14 Plumbing and Drainage REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON					

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

	<u>WATER SUPPLY</u>			
	<u>Class 1 copper pipes</u>			
39	15mm Pipe laid in or under floors, chased to walls, fixed to roof timbers, etc.	m	1 017	
40	22mm Pipe laid in or under floors, chased to walls, fixed to roof timbers, etc.	m	656	
41	28mm Pipe laid in/under floors or fixed to walls, slabs, roof timbers, etc.	m	344	
42	42mm Pipe laid in/under floors or fixed to walls, slabs, roof timbers, etc.	m	21	
43	15mm Pipe fixed in and including chase in walls	m	438	
44	22mm Pipe fixed in and including chase in walls	m	246	
	<u>Extra over copper pipes for capillary fittings</u>			
45	15mm Fittings	No	564	
46	22mm Fittings	No	288	
47	28mm Fittings	No	51	
48	42mm Reducer	No	11	
49	42mm Elbow	No	5	
50	42mm Tee	No	5	
51	42mm Reducing tee	No	5	
52	42mm Threaded adaptor	No	5	
	Carried to Collection			R
	Section No. 2 REPAIRS AND MAINTENANCE TO OLD PRISON Bill No. 14 Plumbing and Drainage REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON			

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

	<u>Copper piping Class O SABS 460 with capillary soldered copper fitting for cold and hot water piping installed on chased wall including wrapping of pipes with builders paper, chasing and reinstatement of chased surface wall panel</u>				
53	15 - 38mm Diameter including fittings and glazed tiles to match existing	m	96		
54	15 - 28mm Diameter including fittings, plaster and paint to match existing	m	10		
	<u>SANITARY PLUMBING</u>				
	<u>uPVC class 34 pipes</u>				
55	50mm Pipe laid in/under floors or fixed to walls, slabs, roof timbers, etc.	m	359		
56	75mm Pipe laid in/under floors or fixed to walls, slabs, roof timbers, etc.	m	3		
57	110mm Pipe laid in/under floors or fixed to walls, slabs, roof timbers, etc.	m	454		
	<u>Extra over uPVC pipes for</u>				
58	100 x 50mm Reducer	No	48		
59	50mm Bend	No	84		
60	110mm Bend	No	118		
61	110mm Junction	No	84		
62	110mm Pan connector	No	30		
63	50mm Access bend	No	42		
64	110mm Access bend	No	59		
65	110mm Access bend with anti-syphon horn	No	59		
66	110mm Access junction	No	59		
	Carried to Collection			R	
	Section No. 2 REPAIRS AND MAINTENANCE TO OLD PRISON Bill No. 14 Plumbing and Drainage REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON				

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

67	110mm Access reducing junction	No	59		
	<u>HDPE polyethylene Class 6 (SABS 533 Type 4 Part 11) drain pipes with electro fusion or butt welded joints</u>				
68	50mm Pipe including excavation not exceeding 2m deep	m	25		
69	110mm Pipe including excavation not exceeding 2m deep	m	49		
	<u>Sundries</u>				
70	Gulley not exceeding 1m deep to invert comprising 100mm diameter vitrified clay gulley trap and head, fitted with 190mm diameter cast iron grating, including excavating for, bedding on and encasing in 15MPa/19mm mass concrete and fitted with and including precast gulley top bedded in (3:1) cement mortar	No	13		
	<u>Clean pipes by means of rodding distances between basin, sink, shower trap and cleaning eye not exceeding 10m and removing all silt, etc. leaving all internal pipes surfaces free from any dirt or debris including disposal of all removed material.</u>				
71	50mm Diameter waste water pipes	No	2		
72	110mm Diameter waste water pipes	No	9		
	<u>Clean pipes by means of Liquid drain cleaner and removing all silt, etc. leaving all internal pipes surfaces free from any dirt or debris including disposal of all removed material.</u>				
73	Basin	No	2		
74	Sink	No	6		
75	Shower	No	12		
	<u>ELECTRIC WATER HEATERS</u>				
	Carried to Collection				
	Section No. 2				
	REPAIRS AND MAINTENANCE TO OLD PRISON				
	Bill No. 14				
	Plumbing and Drainage				
	REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON				

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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 3</u> <u>BILL NO. 16</u> <u>PAINTWORK</u> <u>Note:</u> For Preambles see "Specification of Material and Method to be used PW371" <u>PREPARATORY WORK TO EXISTING WORK</u> <u>Previously painted plastered surfaces</u> Surfaces shall be thoroughly washed down and allowed to dry completely before any paint is applied. Blistered or peeling paint shall be completely removed and cracks shall be opened, filled with a suitable filler and finished smooth Remove paint to grey state with stripper and sanding. Wash with sugar soap. Repair minor cracks and defects by scratching out cracks and defects and refill with white cement based general purpose filler for use on exterior surfaces. Repair cracks as specified by manufacture. Apply water based keying agent (bonding liquid). paint as specified <u>Previously painted metal surfaces</u> Surfaces shall be thoroughly rubbed and cleaned down. Blistered or peeling paint shall be completely removed down to bare metal <u>Previously painted wood surfaces</u> Surfaces shall be thoroughly cleaned down. Blistered or peeling paint shall be completely removed and cracks and crevices shall be primed, filled with suitable filler and finished smooth Carried to Collection Section No. 2 REPAIRS AND MAINTENANCE TO OLD PRISON Bill No. 16 Paintwork REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON			
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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

<u>PAINTWORK ETC TO NEW WORK</u>			
<u>ON FLOATED PLASTER</u>			
<u>Prepare, stop and apply one coat alkali resistant pure acrylic filler coat and one full coat washable mat acrylic PVA paint</u>			
1	On external plastered walls	m2	2
<u>Prepare, stop and apply one coat alkali resistant primer, one coat universal undercoat and two full coats oil enamel paint</u>			
2	On internal plastered walls	m2	240
<u>ON FIBRE-CEMENT</u>			
<u>Prepare, stop and apply one coat alkali resistant primer, one coat universal undercoat and two full coats enamel paint to comply with SABS Specification No. 630 Type 2</u>			
3	On internal fibre-cement board ceilings and cornices including priming steel joints and nail heads with one coat zinc phosphate alkyd resin primer	m2	178
<u>Prepare, stop and apply one coat alkali resistant primer and two full coats acrylic emulsion paint for exterior use</u>			
4	On external fibre-cement fascias and barge boards including priming metal cover strips and screw heads with one coat zinc phosphate alkyd resin primer	m2	222
<u>PAINT ON METAL</u> Prepare and apply two coats bitumen paint			
5	On inside of 100 x 125mm galvanised sheet iron eaves gutter before fixing	m	1 136
<u>Prepare, touch up factory primer and apply one coat universal undercoat and two full coats high gloss enamel paint</u>			
6	On cell doors	m2	16
Carried to Collection			R
Section No. 2 REPAIRS AND MAINTENANCE TO OLD PRISON Bill No. 16 Paintwork REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON			

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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

	<u>Sand down prepare, stop and apply one coat alkali resistant primer, one coat universal undercoat and two coats oil enamel paint</u>				
16	On internal plastered walls	m2	591		
17	On internal plastered ceilings	m2	161		
	<u>ON PLASTER BOARD</u>				
	<u>Sand down, prepare, stop and apply three full coats PVA co-polymer paint to comply with SABS Specification No. 643</u>				
18	On internal plasterboard ceilings and cornices including priming steel joints and nail heads with one coat zinc phosphate alkyd resin primer	m2	432		
	<u>ON FIBRE-CEMENT</u>				
	<u>Sand down, prepare, stop and apply one coat alkali resistant primer, one coat universal undercoat and two full coats enamel paint to comply with SABS Specification No. 630 Type 2</u>				
19	On internal fibre-cement board ceilings and cornices including priming steel joints and nail heads with one coat zinc phosphate alkyd resin primer	m2	461		
20	On internal partition wall	m2	379		
21	On external partition wall	m2	374		
	<u>PAINT ON METAL</u>				
	<u>Sand down, and apply rust remover, clean surface prepare, apply steel primer, one coat universal undercoat and two full coats high gloss enamel paint</u>				
22	On pressed steel door frames	m2	240		
23	On cell doors and frames	m2	149		
24	On windows (both sides measured)	m2	1 168		
	Carried to Collection			R	
	Section No. 2 REPAIRS AND MAINTENANCE TO OLD PRISON Bill No. 16 Paintwork REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON				

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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

	<u>Excavation in earth not exceeding 2m deep for breaking up and removing</u>				
3	100mm Cast iron pipe	m	144		
	<u>Waste Water Pipes</u>				
	<u>uPVC class 34 pipes</u>				
4	50mm Pipes laid in /under floors or fixed to walls, slabs, roof timbers, etc	m	288		
5	110mm Pipes laid in /under floors or fixed to walls, slabs, roof timbers, etc	m	384		
	<u>Extra over uPVC class 34 pipes for fittings</u>				
6	50mm Bend	No	96		
7	50mm Tee	No	96		
8	50mm Reducer	No	96		
9	110mm Bend	No	192		
10	110 x 50mm Reducer	No	96		
11	110mm ABC cleaning eye in end of pipe	No	96		
12	110mm PVC access stop end	No	96		
13	110mm Access junction	No	96		
	<u>Supplying, laying and jointing of uPVC Heavy Duty Class 34 to SABS 791 laid on Class B Bedding</u>				
14	110mm diameter pipe including excavation, backfilling and compaction	m	144		
Carried to Collection					R
Section No. 2 REPAIRS AND MAINTENANCE TO OLD PRISON Bill No. 17 External Sewer and Water Reticulations REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON					

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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

Item No		Quantity	Rate	Amount
	<u>SECTION NO 3</u> <u>BILL NO. 1</u> <u>DEMOLITIONS AND ALTERATIONS</u> <u>Note:</u> For Preambles see "Specification of Material and Method to be used PW371" 3. The tenderer is advised to thoroughly inspect the existing building as required in item 59 of section 1 - Preliminaries (Clause B3.11) to fully familiarise himself with the items described herein, and any associated works that will reasonably be required to execute the works described herein, before pricing this bill. The tenderers prices will be deemed to include for any such associated work. 4. Should any ambiguity or query arise in this regard, the tenderer shall clarify same with the architect before submitting his tender, failing which he will be deemed to have made adequate provision in his prices.			
	Carried to Collection Section No. 3 REPAIRS AND MAINTENANCE TO LOGISTIC BUILDIN Bill No. 1 Alterations REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON		R	

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

Note:

All alteration work is to be performed in a safe, practical and workmanlike manner and at all times a competent general foreman is to be in charge and shall direct operations. The contractor shall acquaint himself and comply with all requirements and regulations of the Municipal/Local authority.

Special care is to be exercised not to interfere unnecessarily with any electrical light, power, telephone or bell lines and fittings that may be encountered. Notice is to be given when disconnections or removal of wires, etc., are necessary and the contractor is to afford every facility to the electricians, etc. carrying out this work.

"Making good" existing work where disturbed or damaged shall mean the provision of the necessary new material to match the existing and the necessary workmanship so that complete and perfect restoration is achieved to the satisfaction of the architect.

"Making good" existing work where abutting walls, etc., are removed shall mean the provision of the necessary new material and workmanship in filling the gaps to match surrounding finishes so that a complete and perfect surface, is obtained to the satisfaction of the architect.

The rates for "taking out", "taking down", of windows, doors, etc., from brickwork to remain are to include for making good all work disturbed to match surrounding finishes.

The whole of the old materials arising from the alteration shall become the property of the Employer and shall be handed over to the Employer.

Materials and articles described as "set aside for re-use" are to be carefully removed, stored and protected from damage before being re-fixed in new positions. These materials are measured as at present fixed in the existing buildings and the contractor must allow in his prices for replacing with new any of these materials that may be damaged when removing, etc., and for making up with new any loss in quantity arising from the removal or re-fixing.

Carried to Collection

Section No. 3

REPAIRS AND MAINTENANCE TO LOGISTIC BUILDIN

Bill No. 1

Alterations

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR
WITBANK PRISON**

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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

The remainder of the old materials such as concrete, etc., together with all rubbish, rubble and debris are to be carted away or removed, i.e. they are to be immediately removed from the site which is to be left clean and unencumbered. The contractor will not be permitted to use skips paid for by other direct contractors for the removal of old materials, but shall be required to provide his own. Prices for the removal of doors and frames shall included for removal of fanlights, ironmongery, architraves and other associated trim. Prices for the removal of sanitary fittings shall include for the removal of copper service pipes, traps, brackets and cisterns.			
<u>GENERAL</u> 1 The tenderer shall visit the site after carefully studying the drawings, and make himself thoroughly acquainted with the nature and extent of the work to be done and the value of any materials to become the property of the contractor. No claim for extras arising from his failure to do so will be entertained. 2 The contractor will be required to comply with the Employer's requirements and the municipal by-laws in regard to the use of jackhammers or other noisy machinery required in the demolition operations. 3 The contractor will likewise be required to comply with the municipality's traffic requirements and the municipal traffic by-laws in regard to the periods during which he may cart away or do any loading or off loading of materials.	Item Item Item		
Carried to Collection Section No. 3 REPAIRS AND MAINTENANCE TO LOGISTIC BUILDIN Bill No. 1 Alterations REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON		R	

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

4	In taking down and removing existing work, the utmost care is to be taken to avoid any structural or other damage to the remaining portions of the building. Supply and erect suitable and substantial shoring, needling, strutting, barricading, etc., that may be necessary whilst carrying out any portion of the alterations to ensure the stability of the premises during alterations, all to the satisfaction of the architect, and remove when directed. The contractor must also protect all work not removed such as walls, floors, doors, windows, joinery, loose and fixed fittings, electrical appliances, etc., from damage during the progress of the work and provide all necessary materials for so doing.	Item		
5	In taking down and removing existing work, the utmost care is to be taken to avoid any structural or other damage to the remaining portions of the building. Supply and erect suitable and substantial shoring, needling, strutting, barricading, etc., that may be necessary whilst carrying out any portion of the alterations to ensure the stability of the premises during alterations, all to the satisfaction of the architect, and remove when directed. The contractor must also protect all work not removed such as walls, floors, doors, windows, joinery, loose and fixed fittings, electrical appliances, etc., from damage during the progress of the work and provide all necessary materials for so doing.	Item		
6	The contractor shall allow for liaison, co-ordinating, working with, programming and sequencing work to suit the programmes of the other direct contractors on site.	Item		
7	The contractor is to allow for watering the works with a jet or spray from a hose, sufficient to prevent any nuisance from dust.	Item		
8	The contractor is to ascertain that all alterations are structurally practicable and safe and he will be held solely responsible for damage to any property whatsoever from injury to or death of any person whatsoever arising out of or in the course of or caused by the execution of the works, and for the safety of the structure throughout the whole of the contract, and must make good or cause to be made good at his own expense any damage that may occur, to the satisfaction of the architect and shall pay all claims and expenses whatsoever that may arise.	Item		
Carried to Collection			R	
Section No. 3 REPAIRS AND MAINTENANCE TO LOGISTIC BUILDIN Bill No. 1 Alterations REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON				

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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

	<u>GYPWALL Classic 63F60S46" or similar approved partitions with two layers of 12,5mm thick "Gyproc Rhino board"board cladding on both sides fixed to both sides of the framework using "Gyproc Rhino board"sharp point screws 3,5m diameter x 25mm (for base layer and 3,5mm diameter x 42mm (for face layer) at maximum 220mm centres, "Donn UltraSTEEL"studs 63,5mm x 35mm friction fitted into top and bottom tracks 63,5mm x 25mm at 600mm centres, floor and head track fixed with one line of fixings spaced at 600mm centres, apply Gyproc Rhinotape to all joints and internal corners and with "Donn"corner beads to all external corners with cavity filled in with and including 50mm insulation blanket and 250µ damp proof membrane on one side</u>				
15	Walls exceeding 3.5m and not exceeding 4m high including demolition and removing on completion	m	350		
	<u>Allow for movement of furniture and storage during construction storage for furniture to be 5no x 12m containers for the entire project</u>				
16	Allow for Transportation of the of the container to site	No	5		
17	Allow for monthly rental charges including profit and attendance for the duration of the Contract 24 months		24		
Carried to Collection					R
Section No. 3 REPAIRS AND MAINTENANCE TO LOGISTIC BUILDIN Bill No. 1 Alterations REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON					

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

Safety Guide to Asbestos Removal

Note : The tenderers is drawn to all rules health and Safety rules for managing and disposing of Asbestos.

The contractor undertaking to remove asbestos should be a fully licensed asbestos removal specialist to remove the toxic waste safely.

The basic requirements for asbestos removal protection, includes the wearing of a dust mask and a disposable overall.

Health and Safety Issue when Working with Asbestos

Before commencing any work, if it is thought that asbestos may be present, the project manager must undertake a complete project plan. No employee be placed at risk, in an environment where asbestos is possible located. Through a complete site survey, it must be established if materials containing asbestos are present and the work must be planned to either avoid disturbance or the need to dismantle and remove these materials.

If asbestos materials are to be removed, it is essential that the work should be undertaken by an specialist asbestos contractor, who has completed the appropriate asbestos awareness and training course and is certified. It is also important to note, whether the premises will need to be vacated whilst the work is to be undertaken, if people remain in or near the area where asbestos is to be removed, disturbance of material will place anyone in the close vicinity of the project in danger, Other considerations and decision may need to be taken into account, particularly where there is a need to work at height and to identify precisely which equipment is to be required to complete the task safely. For further information tenderers to read specification attached with this bills of quantities

DEMOLITION AND ALTERATION WORK

REMOVAL OF EXISTING WORK

Carried to Collection

Section No. 3

REPAIRS AND MAINTENANCE TO LOGISTIC BUILDIN

Bill No. 1

Alterations

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR
WITBANK PRISON**

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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

	<u>Breaking up and removing mass concrete</u>				
18	100mm Thick surface bed	m2	1 423		
19	Brick-on-edge external window cill, 180mm wide, set sloping and slightly projecting	m	17		
	<u>Taking out and removing doors, windows, etc including thresholds, sills, etc including making good</u>				
20	Timber single door not exceeding 2,5m2 on door frame not to be removed	No	31		
	<u>Taking out and removing doors, windows, etc including thresholds, sills, etc and building up openings in brick walls including making good cement plaster on both sides (making good paintwork elsewhere)</u>				
21	Timber single door and frame not exceeding 2,5m2	No	3		
	<u>Carefully taking down roof sheeting set aside for re-use</u>				
22	IBR iron roof covering	m2	72		
	<u>Taking down and removing roofs, floors, panelling, ceilings, partitions, etc</u>				
23	Damaged IBR iron roof covering	m2	107		
24	Damaged ridge cover	m	0.5		
25	Gypsum plasterboard ceilings including cornices, timber bandering, etc	m2	1 709		
26	Drywall partitioning 3000mm high including doors, ironmongery, glazed borrowed lights, etc	m	13		
27	Existing cornice	m	1 286		
Carried to Collection					R
Section No. 3 REPAIRS AND MAINTENANCE TO LOGISTIC BUILDIN Bill No. 1 Alterations REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON					

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

	<u>Take out and remove water damaged or rotten roof timbers members on existing roof including jacking the entire roof during construction</u>				
28	50 x 75mm Purlins	m	140		
29	38 x 114mm Ceiling joist	m	48		
30	38 x 114mm Rafters in existing trusses	m	144		
31	38 x 152mm Beam in existing trusses	m	100		
	<u>Taking up and removing vinyl floor coverings, carpeting, etc</u>				
32	Vinyl tile floor covering including preparing screed for new vinyl floor covering	m2	126		
33	Carpet tile floor covering including preparing screed for new carpeting	m2	794		
34	30mm Epoxy floor including preparing floor to receive floor covering	m2	332		
	<u>Taking out and removing ironmongery</u>				
35	Mortice lock and striking plate from timber door and steel frame	No	1		
36	Mortice lock and striking plate from timber door and timber frame	No	60		
	<u>Taking out set aside for re-used security window mesh and burglar bars and later re-weld and leave in a good working condition to the satisfaction of the Architect</u>				
37	Window size 0,90 x 1,20m high	No	8		
38	Window size 1,20 x 1,20m high	No	44		
	<u>Hacking up/off and removing granularities, screeds, plaster, etc from concrete or brickwork and preparing surfaces for new screeds, plaster, etc</u>				
39	30mm granularities from floors	m2	8 900		
Carried to Collection					R
Section No. 3 REPAIRS AND MAINTENANCE TO LOGISTIC BUILDIN Bill No. 1 Alterations REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON					

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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

	<u>Taking out and removing piping, etc including excavation not exceeding 2m deep and exposing the piping including backfilling and compacting</u>				
53	100mm Cast iron piping including fittings and brackets	m	6		
54	50mm Diameter surface mounted colorifier pipe	m	3		
	<u>Carefully take out set aside for re-use electrical light fitting and re-install light fittings after new ceiling has been installed. Light fitting to be installed by registered wire man electrician</u>				
55	2 # 1200mm Surface florescent	No	600		
56	2 # 1500mm Surface florescent	No	450		
57	CFL light fitting for energy lights wall mounted	No	450		
58	2 # 18W Round bulkhead	No	650		
59	2 # 18W Square bulkhead	No	450		
	<u>Carefully take out and remove existing broken panes to steel windows and protecting other window panes from breakage, etc., including cleaning and preparing to receive new panes:</u>				
60	Glass from steel windows including cleaning out rebates and preparing for new glass	m2	277		
	<u>Carefully take out and remove cracked putty on existing panes to steel windows and protecting other window panes from breakage, etc., including cleaning and preparing to receive new panes:</u>				
61	Damaged or cracked putty from existing window panes	m	499		
	<u>Taking out and removing glass and mirrors</u>				
	<u>PREPARATORY WORK TO EXISTING SURFACES</u>				
	Carried to Collection			R	
	Section No. 3 REPAIRS AND MAINTENANCE TO LOGISTIC BUILDIN Bill No. 1 Alterations REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON				

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

	<u>Prepare and apply one coat of "Polymer modified fibre reinforced structural repair mortar as supplied by abe Construction Chemical or equally approved</u> The substrate must be sound, firm and clean, free of oil, grease, loose particle and cement laitance, old layer of paint, or other contaminants All edges to be repaired must be square cut to a minimum of 10mm deep perpendicular to the surface followed by the removal of all unsound material. When using compressor air for cleaning, the air must be cleaned and oil free. Expose all corroded reinforcing steel and grit blast. A clean bright finish is required ensuring to that all corrosion product are removed, particularly behind the steel. Expose reinforcing bar to be primed by applying <u>durarep ZR</u> primer Use <u>epidermix 344</u> wet to dry epoxy as primer for structural application where the bond strength must be equal or greater than parent material.				
62	Making good defects in existing screeded floors with "Pavelite"	m2	921		
Carried to Collection					R
Section No. 3 REPAIRS AND MAINTENANCE TO LOGISTIC BUILDIN Bill No. 1 Alterations REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON					

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
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Section No. 3
REPAIRS AND MAINTENANCE TO LOGISTIC BUILDING
Bill No. 2
Concrete, Formwork and Reinforcement
**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON

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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

Item No	Quantity	Rate	Amount
<u>SECTION NO 3</u>			
<u>BILL NO. 3</u>			
<u>MASONRY</u>			
<u>Note:</u>			
For Preambles see "Specification of Material and Method to be used PW371"			
<u>SUPERSTRUCTURE</u>			
<u>External facings in approved face bricks (FBS) to match existing pointed with square recessed horizontal and vertical joints</u>			
1	Bullnose brick-on-edge external window cill, 180mm wide, set sloping and slightly projecting in cement mortar and pointed on top, front edge and projecting soffit including all necessary fair raking cutting to facings under and fair and fitted ends	m	17
<u>BRICKWORK SUNDRIES</u>			
2	Re-built loose face brick-on-edge external window cill, 180mm wide, set sloping and slightly projecting in cement mortar and pointed on top, front edge and projecting soffit including all necessary fair raking cutting to facings under and fair and fitted ends	m	269
3	Caulking mortar or grout into door frame or window frame	m	988
<u>BRICKWORK SUNDRIES</u>			
<u>High Pressure Cleaning of face bricks</u>			
Carried to Collection			R
Section No. 3 REPAIRS AND MAINTENANCE TO LOGISTIC BUILDIN Bill No. 3 Masonry REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON			

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REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

Item No		Quantity	Rate	Amount
	<u>SECTION NO 3</u> <u>BILL NO. 4</u> <u>WATERPROOFING</u> <u>Note:</u> For Preambles see "Specification of Material and Method to be used PW371"			
	<u>DAMP PROOF COURSE</u> <u>DAMP-PROOFING OF WALLS AND FLOORS</u> <u>Prepare and apply one coat of "a.b.e.duraflex" or equally approved waterproofing compound. Saturate strips of 200mm ecofelt (polypropylene membrane) and apply to all angles, sharp edges and verges etc. Allow first coat to cure. Apply a second coat of "a.b.e. duraflex" or equally approved at right angles to the first coat, all in accordance with manufacturer's recommendations.</u>			
1	On walls	m2	3 040	
	<u>JOINT SEALANTS ETC</u> <u>Coloured silicone sealing compound</u>			
2	Between walls and sanitary fittings	m	20	
	Carried Forward to Summary of Section No. 3 Section No. 3 REPAIRS AND MAINTENANCE TO LOGISTIC BUILDIN Bill No. 4 Waterproofing REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON			R

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

Item No		Quantity	Rate	Amount
	<u>SECTION NO 3</u>			
	<u>BILL NO 5</u>			
	<u>ROOF COVERINGS</u>			
	<u>Note:</u>			
	For Preambles see "Specification of Material and Method to be used PW371"			
	<u>PROFILED METAL SHEETING AND ACCESSORIES</u>			
	<u>0,6mm Thick light industrial Z275 spelter galvanised steel IBR profiled sheeting to match existing</u>			
1	Roof coverings (elsewhere removed)	m2	72	
2	Roof coverings with pitches not exceeding 25 degrees in patchwork to match existing	m2	107	
3	Ridge cappings 650mm girth	m	0.5	
	<u>ROOF REHABILITATION</u>			
	<u>Sealing of existing leaking roof</u>			
4	Carefully examine existing IBR iron roof sheeting for leakage, replace all defective and loose drive screws with longer driven screws, washer and cupped washer seal small holes with flashing membrane prepare and apply acrylic and rubberised bitumen waterproofing flashing including membrane and metal primer where necessary over roof screw head in problem areas, all in accordance with the manufacturer's instructions and leave watertight.	m2	12 330	
	<u>RAINWATER DISPOSAL</u>			
	Carried to Collection			
	Section No. 3 REPAIRS AND MAINTENANCE TO LOGISTIC BUILDIN Bill No. 5 Roof Coverings etc REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON			

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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

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REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON

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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

Item No		Quantity	Rate	Amount
	<u>SECTION NO 3</u> <u>BILL NO. 6</u> <u>CARPENTRY AND JOINERY</u> <u>Note:</u> For Preambles see "Specification of Material and Method to be used PW371" 3. All boards, rails, frames, etc. shall include all associate mitres, trimming to size, temporary holding in position and fixing complete 4, All timber must be protected from rot attack by fungi and insects by having been treated in accordance with SABS 1200			
	<u>REPAIRS TO ROOF TIMBERS</u> <u>Replace damaged roof timbers in existing trusses removal (elsewhere measured) including Engineering Certificate</u> <u>Sawn softwood</u>			
1	50 x 75mm Purlins	m	60	
2	76 x 76mm Splayed eaves purlin	m	60	
3	38 x 114mm Ceiling joist	m	48	
4	38 x 152mm Beam	m	40	
5	38 x 152mm Rafters	m	16	
6	38 x 114mm Longitudinal bracing	m	24	
	Carried to Collection			
	Section No. 3 REPAIRS AND MAINTENANCE TO LOGISTIC BUILDIN Bill No. 6 Carpentry and Joinery REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON			
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	<u>Fibre Cement Fascia and Bargeboard</u>				
19	10 x 225mm Fascia board countersunk screwed to roof timbers (elsewhere) with two brass screws at maximum 1200mm centres and jointed with and including standard aluminium halfround cover strips at all joints	m	134		
	<u>Sundries</u>				
20	Service existing fascia and barge board including replacing missing, loose strips, re-aligning, and nailing loose screws and leave in good condition	m	1 136		
	<u>SKIRTINGS</u>				
	<u>Wrought meranti</u>				
21	76 x 19mm Meranti skirting with 25mm quarter round fixed against wall	m	494		
	<u>DOORS, ETC.</u>				
	<u>Wrought Meranti</u>				
22	40 x 813 x 2032mm Framed, ledged and braced batten door formed of 40 x 110mm styles and top rail, 20 x 225mm bottom ledge, 20 x 150mm middle ledge and 20 x 110mm diagonal braces, filled in flush one side with 20 x 75mm tongued, grooved and V-jointed both sides vertical boarding fixed in and including grooves in styles and top rail	No	3		
23	40 x 1 374 x 2 137mm Framed, ledged and braced batten double door in two equal leaves with rebated meeting styles, each leaf formed of 40 x 110mm styles and top rail, 20 x 225mm bottom ledge, 20 x 150mm middle ledge and 20 x 110mm diagonal braces, filled in flush one side with 20mm x 75mm tongued, grooved and V-jointed both sides vertical boarding fixed in and including grooves in styles and top rail	No	3		
	<u>Solid laminated flush panel doors with Meranti veneer both sides and two matching concealed vertical edge strips</u>				
24	40 x 813 x 2 032mm Door	No	28		
	Carried to Collection			R	
	Section No. 3 REPAIRS AND MAINTENANCE TO LOGISTIC BUILDIN Bill No. 6 Carpentry and Joinery REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON				

REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE WITBANK PRISON

<u>FRAMED FRAMES ETC</u>					
<u>Repair to existing door</u>					
25	Repair existing single damaged section of door by removing damaged section and replacing with matching woodblock to match profile door	No	1		
26	Service single door to open and close properly including loose screws and leave in good working condition	No	44		
27	Service double door to open and close properly including loose screws and leave in good working condition	No	17		
Carried to Collection					
Section No. 3 REPAIRS AND MAINTENANCE TO LOGISTIC BUILDIN Bill No. 6 Carpentry and Joinery REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON					

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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
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Item No		Quantity	Rate	Amount
	<u>SECTION NO 3</u> <u>BILL NO. 7</u> <u>CEILINGS, PARTITIONS AND ACCESS FLOORING</u> <u>Note:</u> For Preambles see "Specification of Material and Method to be used PW371" <u>SUPPLEMENTARY PREAMBLES</u> <u>Descriptions</u> Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins or shot pinned to brickwork or concrete Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 600mm centres, and where described as "bolted" the bolts have been given elsewhere <u>Bulkheads</u> Bulkheads are those areas of ceilings which are at a level differing from the general ceilings in a particular room or area and which generally occur along the perimeter of the room or area. Their purpose is either to conceal services or to create an architectural feature by changing levels Bulkheads will only be measured as such when they conform with the above description and when the horizontal or vertical dimensions do not exceed 1200mm. Should these dimensions be more than 1200mm then the horizontal or vertical ceilings will be included in the general ceiling measurements			
	Carried to Collection Section No. 3 REPAIRS AND MAINTENANCE TO LOGISTIC BUILDIN Bill No. 7 Ceilings, Partitioning and Access Flooring REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON		R	

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
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<u>CEILINGS</u>				
<u>9,8mm "BPB Gypsum Rhino board on 38 x 38mm brandaring at 400mm centre on one direction with joints covered with H-section cover strip complete</u>				
1	Horizontal ceiling in patchwork	m2	1 709	
<u>Standard gypsum plasterboard cornices</u>				
2	75mm Coved cornice	m	1 232	
3	Cornice in patchwork to match existing	m	54	
<u>Sundries</u>				
4	Inspect existing horizontal fibre cement or gypsum plasterboard ceiling including re-aligning ceiling or replace damaged or missing h-section strips and leave in good condition to the satisfaction of the Architects	m2	7 440	
5	Repair existing loose or damaged cornice to the satisfaction of the Architect	m	1 629	
<u>PARTITIONS ETC</u>				
<u>Drywall gypsum board partition systems</u>				
Drywall partitioning shall comprise galvanized steel top and bottom tracks and natural anodized aluminium head channel, with vertical studs at maximum 600mm centres, friction fitted or pop-riveted to the top and bottom tracks with 0,6mm galvanized steel sheeting on one side and covered on both sides with 12,5mm gypsum plasterboard, screwed to studding with 25mm Drywall screws at maximum 220mm centres.				
Boards are to have staggered butt joints and the joints are to be and finished with 48mm wide tape jointing compound applied in strict in accordance with the manufacturer's instructions.				
Intersections and abutments are measured separately and descriptions shall be deemed to include any additional studs, corner beads, jointing compound, tape, etc.				
Carried to Collection				R
Section No. 3 REPAIRS AND MAINTENANCE TO LOGISTIC BUILDIN Bill No. 7 Ceilings, Partitioning and Access Flooring REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON				

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	<u>Drywall steel stud partitioning</u>				
6	Partitioning 3,18m high with bottom and top tracks plugged	m	13		
7	Extra over partition 3,18m high for vertical abutment	No	1		
8	Extra over partition 3.18m high for fair end	No	1		
	<u>Skirting</u>				
9	75mm High natural anodized aluminium skirting plugged and screwed to wall using chrome plated screw	m	25		
	<u>Doors</u>				
10	Extra over partition for 40mm semi-solid flush door 813 x 2032mmhigh with commercial veneer on both sides and hardwood edge strip to vertical edges hung to and including standard natural anodised aluminium door frame with one pair of 100mm nylon washered aluminium hinges and additional studding, trimming, etc	No	2		
	<u>Insulation</u>				
11	90mm Thick "Aerolite" fibreglass insulation blanket in cavity of partitioning	m2	40		
Carried to Collection					R
Section No. 3 REPAIRS AND MAINTENANCE TO LOGISTIC BUILDIN Bill No. 7 Ceilings, Partitioning and Access Flooring REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON					

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Item No		Quantity	Rate	Amount
	<u>SECTION NO 3</u> <u>BILL NO. 9</u> <u>IRONMONGERY</u> <u>Note:</u> For Preambles see "Specification of Material and Method to be used PW371" 3. The following are inclusive of all associated fixing, fittings, suspension chains, etc.			
	<u>THE FOLLOWING IRONMONGERY FIXED TO DOORS, ETC.</u> <u>Bolts and latches</u> 1 150mm Satin chrome flush bolt and keep No 3 2 150mm Satin chrome flush bolt with a short length of brass tubing let into concrete floor as keep No 3 <u>Replace the following ironmongery to match existing</u> 3 Standard brass pag and stay to residential steel windows No 140 4 Standard brass sliding stay to residential steel windows No 1 124 5 Residential type steel window handle No 2 102 6 Striking plate to existing door frame No 95 <u>"Union" or equally approved</u> 7 2247-78SS Four lever upright lock set with striking plate fixed to metal No 47			
	Carried to Collection			
	Section No. 3 REPAIRS AND MAINTENANCE TO LOGISTIC BUILDIN Bill No. 9 Ironmongery REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON			

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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
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Item No		Quantity	Rate	Amount
	<u>SECTION NO 3</u> <u>BILL NO. 10</u> <u>METALWORK</u> <u>Note:</u> For Preambles see "Specification of Material and Method to be used PW371" <u>SUPPLEMENTARY PREAMBLES</u> <u>Primer</u> All surfaces of steelwork to be painted with one coat approved factory primer before leaving the workshop of the Manufacturer and all scratches, chips or blemishes to be made good on site after erection. All rates tendered must make provision for this as no claim will afterwards be entertained <u>Descriptions</u> Descriptions of bolts shall be deemed to include nuts and washers. Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete. Metalwork described as "holed for bolt(s)" shall be deemed to exclude the bolts unless otherwise described.			
	<u>STEEL COLUMNS AND BEAMS</u>			
	Carried to Collection			
	Section No. 3 REPAIRS AND MAINTENANCE TO LOGISTIC BUILDIN Bill No. 10 Metalwork REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON			

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
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<u>Welded columns in single lengths with flat section base, top, bearer and connection plates bolted to ?</u>				
1	203 x 133mm x 25,5kg/m PFB columns	t	0.45	
<u>Bolts to columns, beams, etc</u>				
2	300 x 200 x 16mm Thick base plate	No	250	
3	20mm Diameter holding down bolts 600mm girth cast in concrete	No	4	
4	Hole through 16mm thick flat section plate section for 20mm diameter bolt (elsewhere)	No	80	
<u>HOT-DIPPED GALVANISED STEEL ROLLER SHUTTER DOORS FIXED COMPLETE TO BRICKWORK</u>				
5	Roller shutter door size 2,50 x 2,10m high	No	1	
<u>Sundries</u>				
6	Glazed steel door size 1 511 x 2 685mm high to open and close properly including servicing, replacing missing locking devices, etc. and leave in a good working condition	No	3	
Carried to Collection				R
Section No. 3 REPAIRS AND MAINTENANCE TO LOGISTIC BUILDIN Bill No. 10 Metalwork REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON				

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Item No		Quantity	Rate	Amount
	<u>SECTION NO 3</u> <u>BILL NO. 13</u> <u>PLUMBING AND DRAINAGE (PROVISIONAL)</u> <u>Note:</u> For Preambles see "Specification of Material and Method to be used PW371"			
	<u>SANITARY FITTINGS</u> <u>STAINLESS STEEL</u> <u>NOTE : Stainless steel for economic basin, domestic sinks worktops and wash troughs shall be type 430 (17/0)</u> <u>NOTE : Stainless steel for economic basin, domestic sinks worktops and wash troughs shall be type 304 (18/8)</u>			
1	"Franke SBE Baron code 333261" or equally approved 1,2mm Grade 304 18/10 stainless steel bowl urinal size 305 x 245 x 520mm high with back entry 50mm waste outlet including 2 mounting brackets and M8 rawl bolts <u>Stainless steel vandal proof wash hand basin, WC pan, etc. shall be 1,2mm type 304 AISI (18/10)</u>	No	10	
2	"Franke HDTX597 Code 356118" or equally approved 1,2mm Grade 304 18/10 stainless steel wall and floor mounted shrouded pan size 550 x 360 x 450mm high with wooden slats, internal flange with 250mm long extension pipes, exposed back entry flush valves with 60mm flush pipes bolted to wall and floor with anchor bolts all in compliance with SABS 1733:2002	No	2	
	Carried to Collection			R
	Section No. 3 REPAIRS AND MAINTENANCE TO LOGISTIC BUILDIN Bill No. 13 Plumbing and Drainage REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON			

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3	"OVE Model OSPA1 or Franke Model 356185 or equally approved vandal proof cell type WC pan size 485 x 390mm x 435mm high with circular flushing rim and bowl fully flow P-trap 38mm diameter supply flush pipes both with sufficient length to protrude through the wall (all connection to be outside the wall) with concealed "Walcro 104 C" brass back entry flush valves with intergral vacuum breaker, modified push button 38mm flush pipes, bend pan connector, bolting to the wall and floor etc all as per detail drawing at the back of this bills of quantities	No	10		
	<u>Wash hand basins:</u>				
4	"Vaal Sanitary ware Springbok code 7031" or equally approved fireclay wall mounted basin size 550 x 400mm with two tapholes, including intergrated overflow and chainstay holes fixed to wall with semi concealed cast iron brackets	No	10		
	<u>WASTE, ETC.</u>				
5	32 mm Basin waste	No	10		
6	38 mm Sink waste	No	2		
7	38mm Domical grating urinal waste union	No	10		
	<u>TRAPS, ETC.</u>				
8	40 mm Butyl rubber deep seal "P" trap	No	12		
9	32 x 40mm Chromium plated bottle trap	No	10		
10	40mm Butyl rubber resealing P-trap to comply with SANS 1321	No	2		
	<u>TAPS, VALVES, ETC.</u>				
11	15 mm 059 CP extension piece with sliding wall flange	No	2		
12	Cascade Prep Bowl mixer (code 303232) with overarm swivel spout	No	2		
	Carried to Collection			R	
	Section No. 3 REPAIRS AND MAINTENANCE TO LOGISTIC BUILDIN Bill No. 13 Plumbing and Drainage REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON				

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
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13	"Cobra Watertech code:KM2.202-15" or equally approved 15mm chrome plated demand bib tap	No	20		
14	"Walker Crosweller Walcro 330UR" or equally approved 15mm chrome exposed urinal flush valves with chromium plated wall flanges	No	10		
15	"Walker Crosweller Walcro 106CXP" or equally approved 25mm chrome concealed flush valves with push button actuator, rubber pan connector and integral vacuum breaker	No	10		
<u>SERVICING, CLEANING AND REPAIR OF SANITARY WARE</u>					
<u>Sanitary Fittings</u>					
16	Clean, seal leakages, replace missing toilet seat with heavy duty single flap toilet seat, and destaining of wc pan with approved destaining solutions and leave in good working condition	No	8		
17	Clean, seal leakages in taps, replace missing tap, flexi connector and destaining with approved destaining solution existing wash hand basin and leave in good working condition	No	14		
18	Service, replace wc cistern flushing mechanism and leave in good working condition	No	8		
<u>SERVICING, OVERHAULING AND CLEANING OF BRASS WARE</u>					
<u>Service and repair brass ware with new repair kit and leave in good working condition</u>					
19	15mm Diameter pillar tap	No	6		
20	15mm Chromium Plated wall mounted tap	No	4		
21	15mm Recessed brass stopcocks	No	16		
<u>Replace missing tap handles</u>					
22	15 - 20mm Chromium plated star handle	No	6		
Carried to Collection				R	
Section No. 3 REPAIRS AND MAINTENANCE TO LOGISTIC BUILDIN Bill No. 13 Plumbing and Drainage REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON					

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
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	<u>Replace washer on brassware with kits</u>			
23	15mm Chromium Plated wall mounted taps	No	6	
	<u>SERVICE, CLEANING AND REPAIR OF DOMESTIC WATER DRAINAGE PIPE INSTALLATIONS</u>			
24	Repair and or replacement of damaged pipe lagging and cladding for 15 to 32mm diameter fibreglass section with galvanised sheet metal	m	14	
25	Preparation and painting of exposed pipe work exceeding 15mm and not exceeding 32mm diameter	m	24	
	<u>Service and repair of drainage installations</u>			
26	Unblock and clean Pt raps	No	6	
27	Preparation and painting of all expose pipe work not exceeding 50mm diameter	m	5	
28	Replace missing or broken cleaning eye cover	No	6	
	<u>WATER SUPPLY</u>			
	<u>Class 1 copper pipes</u>			
29	15mm Pipe laid in or under floors, chased to walls, fixed to roof timbers, etc.	m	296	
30	22mm Pipe laid in or under floors, chased to walls, fixed to roof timbers, etc.	m	174	
31	28mm Pipe laid in/under floors or fixed to walls, slabs, roof timbers, etc.	m	96	
32	15mm Pipe fixed in and including chase in walls	m	106	
33	22mm Pipe fixed in and including chase in walls	m	56	
	<u>Extra over copper pipes for capillary fittings</u>			
34	15mm Fittings	No	128	
	Carried to Collection			R
	Section No. 3 REPAIRS AND MAINTENANCE TO LOGISTIC BUILDIN Bill No. 13 Plumbing and Drainage REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON			

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35	22mm Fittings	No	70		
36	28mm Fittings	No	10		
	<u>Copper piping Class O SABS 460 with capillary soldered copper fitting for cold and hot water piping installed on chased wall including wrapping of pipes with builders paper, chasing and reinstatement of chased surface wall panel</u>				
37	15 - 38mm Diameter including fittings and glazed tiles to match existing	m	20		
38	15 - 28mm Diameter including fittings, plaster and paint to match existing	m	30		
	<u>SANITARY PLUMBING</u>				
	<u>uPVC class 34 pipes</u>				
39	50mm Pipe laid in/under floors or fixed to walls, slabs, roof timbers, etc.	m	30		
40	75mm Pipe laid in/under floors or fixed to walls, slabs, roof timbers, etc.	m	2		
41	110mm Pipe laid in/under floors or fixed to walls, slabs, roof timbers, etc.	m	161		
	<u>Extra over uPVC pipes for</u>				
42	100 x 50mm Reducer	No	10		
43	110mm Bend	No	40		
44	110mm Junction	No	8		
45	110mm Pan connector	No	10		
46	110mm Access bend	No	20		
47	110mm Access bend with anti-syphon horn	No	20		
48	110mm Access junction	No	20		
	Carried to Collection				
	Section No. 3 REPAIRS AND MAINTENANCE TO LOGISTIC BUILDIN Bill No. 13 Plumbing and Drainage REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON				

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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
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49	110mm Access reducing junction	No	20		
	<u>HDPE polyethylene Class 6 (SABS 533 Type 4 Part 11) drain pipes with electro fusion or butt welded joints</u>				
50	50mm Pipe including excavation not exceeding 2m deep	m	3		
51	110mm Pipe including excavation not exceeding 2m deep	m	6		
	<u>Sundries</u>				
52	Gulley not exceeding 1m deep to invert comprising 100mm diameter vitrified clay gulley trap and head, fitted with 190mm diameter cast iron grating, including excavating for, bedding on and encasing in 15MPa/19mm mass concrete and fitted with and including precast gulley top bedded in (3:1) cement mortar	No	4		
	<u>Clean pipes by means of rodding distances between basin, sink, shower trap and cleaning eye not exceeding 10m and removing all silt, etc. leaving all internal pipes surfaces free from any dirt or debris including disposal of all removed material.</u>				
53	50mm Diameter waste water pipes	No	6		
54	110mm Diameter waste water pipes	No	8		
	<u>Clean pipes by means of Liquid drain cleaner and removing all silt, etc. leaving all internal pipes surfaces free from any dirt or debris including disposal of all removed material.</u>				
55	Basin	No	6		
	<u>TESTING</u>				
56	Testing waste and water pipe system		Item		
	<u>HOLES ETC</u>				
Carried to Collection Section No. 3 REPAIRS AND MAINTENANCE TO LOGISTIC BUILDIN Bill No. 13 Plumbing and Drainage REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON					R

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Item No		Quantity	Rate	Amount
	<u>SECTION NO 3</u> <u>BILL NO. 15</u> <u>PAINT WORK</u> <u>Note:</u> For Preambles see "Specification of Material and Method to be used PW371" <u>PREPARATORY WORK TO EXISTING WORK</u> <u>Previously painted plastered surfaces</u> Surfaces shall be thoroughly washed down and allowed to dry completely before any paint is applied. Blistered or peeling paint shall be completely removed and cracks shall be opened, filled with a suitable filler and finished smooth Remove paint to grey state with stripper and sanding. Wash with sugar soap. Repair minor cracks and defects by scratching out cracks and defects and refill with white cement based general purpose filler for use on exterior surfaces. Repair cracks as specified by manufacture. Apply water based keying agent (bonding liquid). paint as specified <u>Previously painted metal surfaces</u> Surfaces shall be thoroughly rubbed and cleaned down. Blistered or peeling paint shall be completely removed down to bare metal <u>Previously painted wood surfaces</u> Surfaces shall be thoroughly cleaned down. Blistered or peeling paint shall be completely removed and cracks and crevices shall be primed, filled with suitable filler and finished smooth Carried to Collection Section No. 3 REPAIRS AND MAINTENANCE TO LOGISTIC BUILDIN Bill No. 15 Paintwork REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON			
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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
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<u>PAINT WORK ETC TO NEW WORK</u>			
<u>ON PLASTER BOARD</u>			
<u>One coat alkaline resistant plaster primer and two coats superior acrylic PVA emulsion paint</u>			
1	On drywall partitions	m2	76
<u>PAINT ON METAL</u> <u>Prepare and apply two coats bitumen paint</u>			
2	On inside of 100 x 125mm galvanised sheet iron eaves gutter before fixing	m	942
<u>Prepare, stop and apply two full coats polyurethane clear eggshell varnish, lightly sanded down between coats</u>			
3	On batten doors (measured on flat)	m2	36
4	On skirtings, rails, etc. not exceeding 300mm girth	m	494
<u>Prepare and apply one coat wood primer, one coat universal undercoat and two full coats high gloss enamel paint</u>			
5	On general surfaces	m2	89
<u>PAINT WORK ETC TO PREVIOUSLY PAINTED WORK</u>			
<u>ON BRICKS OR QUARRY TILES</u>			
<u>Prepare and apply two coats approved brick dressing sealer</u>			
6	On flush pointed face bricks	m2	7 154
<u>Sand down and remove previous paint and clean to smooth surface and prepare, stop and apply one coat alkali resistant pure acrylic filler coat and two full coats washable mat acrylic PVA paint</u>			
7	On brick on edge cills and lintels	m	1 791
Carried to Collection			R
Section No. 3 REPAIRS AND MAINTENANCE TO LOGISTIC BUILDIN Bill No. 15 Paintwork REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON			

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<u>ON FLOATED PLASTER</u>			
<u>Sand down prepare, stop and apply one coat alkali resistant pure acrylic filler coat and two full coats of approved oil paint</u>			
8	On internal plastered walls	m2	18 515
9	On external plastered wall	m2	278
<u>Sand down prepare, stop and apply one coat alkali resistant primer, one coat universal undercoat and two coats oil enamel paint</u>			
10	On internal plastered walls	m2	3 182
<u>ON PLASTER BOARD</u>			
<u>Sand down, prepare, stop and apply three full coats PVA co-polymer paint to comply with SABS Specification No. 643</u>			
11	On internal plasterboard ceilings and cornices including priming steel joints and nail heads with one coat zinc phosphate alkyd resin primer	m2	7 440
<u>ON FIBRE CEMENT</u>			
<u>Sand down, prepare, stop and apply one coat alkali resistant primer, one coat universal undercoat and two full coats enamel paint to comply with SABS Specification No. 630 Type 2</u>			
12	On internal fibre cement board ceilings and cornices including priming steel joints and nail heads with one coat zinc phosphate alkyd resin primer	m2	398
13	On internal partition wall	m2	458
<u>PAINT ON METAL</u>			
Carried to Collection			
Section No. 3 REPAIRS AND MAINTENANCE TO LOGISTIC BUILDIN Bill No. 15 Paintwork REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON			

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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

	<u>Sand down, and apply rust remover, clean surface prepare, apply steel primer, one coat universal undercoat and two full coats high gloss enamel paint</u>				
14	On pressed steel door frames	m2	207		
15	On windows (both sides measured)	m2	2 249		
16	Louvre window	m2	93		
17	Mesh burglar proofing	m2	6		
18	On roller shutter door	m2	62		
19	On bars, rods, etc. not exceeding 300mm girth	m	235		
	<u>Sand down prepare, remove rust stains, scrub with galvani sed iron cleaner rinse with clean water, spot primed with factory primer and apply one coat universal undercoat and two full coats acrylic roof paint</u>				
20	On corrugated iron roof sheeting (measured on flat)	m2	12 330		
	<u>PAINT ON WOOD</u>				
	<u>Sand down prepare and apply one coat wood prime and apply approved aliphatic polyurethane Gloss floor varnish to manufactures specification.</u>				
21	On doors	m2	4		
	<u>Sand down prepare and apply one coat hardboard primer, one coat universal undercoat and two full coats high gloss enamel paint</u>				
22	On general surfaces	m2	269		
	<u>Sand down, prepare and apply one coat wood primer, one coat universal undercoat and two full coats high gloss enamel paint</u>				
23	On woodwork at eaves	m2	217		
Carried to Collection				R	
Section No. 3 REPAIRS AND MAINTENANCE TO LOGISTIC BUILDIN Bill No. 15 Paintwork REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON					

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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

Item No		Quantity	Rate	Amount
	<u>SECTION NO 3</u> <u>BILL No. 16</u> <u>EXTERNAL SEWER AND WATER RETICULATION</u> NOTE For Preambles see "Specification of Material and Method to be used PW371" All excavations are measured as being in "earth" and/or filling compacted to 93% modified AASHTO density Descriptions of excavations shall be deemed to include for setting aside surplus excavated material in spoil heaps for use as filling or for depositing within 150m of the perimeter of the excavations and spreading and roughly levelling as directed, as well as for increase in bulk and multiple handling of excavated material caused by the Contractor's method of operation Descriptions of carting away of excavated material shall be deemed to include loading excavated material onto trucks directly from the excavations or, alternatively, from stock piles situated on the building site and for bulking <u>DEMOLITIONS ETC</u> <u>Break out and removing piping, etc including disconnecting piping from fittings and making good wall finishes</u>			
1	50mm Cast iron piping including fittings and brackets	m	15	
2	100mm Cast iron piping including fittings and brackets	m	12	
	Carried to Collection			R
	Section No. 3 REPAIRS AND MAINTENANCE TO LOGISTIC BUILDIN Bill No. 16 External Sewer and Water Reticulations REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON			

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

	<u>Excavation in earth not exceeding 2m deep for breaking up and removing</u>				
3	100mm Cast iron pipe	m	12		
	<u>Waste Water Pipes</u>				
	<u>uPVC class 34 pipes</u>				
4	50mm Pipes laid in /under floors or fixed to walls, slabs, roof timbers, etc	m	12		
5	110mm Pipes laid in /under floors or fixed to walls, slabs, roof timbers, etc	m	12		
	<u>Extra over UP VC class 34 pipes for fittings</u>				
6	50mm Bend	No	12		
7	50mm Tee	No	12		
8	50mm Reducer	No	12		
9	110mm Bend	No	12		
10	110 x 50mm Reducer	No	12		
11	110mm ABC cleaning eye in end of pipe	No	12		
12	110mm PVC access stop end	No	12		
13	110mm Access junction	No	12		
	<u>Supplying, laying and jointing of uPVC Heavy Duty Class 34 to SABS 791 laid on Class B Bedding</u>				
14	110mm diameter pipe including excavation, backfilling and compaction	m	15		
	Carried to Collection			R	
	Section No. 3 REPAIRS AND MAINTENANCE TO LOGISTIC BUILDIN Bill No. 16 External Sewer and Water Reticulations REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON				

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

	<u>Gulley not exceeding 1000mm deep to invert comprising 100mm diameter vitrified clay gulley trap and head, fitted with 190mm diameter cast iron grating, including excavating for, bedding on and encasing in 15MPa/19mm mass concrete and fitted with and including precast gulley top bedded in (3:1) cement mortar</u>				
15	110mm diameter	No	3		
	<u>ABC cast iron straight or bent cleaning eye with removable cover jointed to 100mm vitrified clay pipe and set in and including 15MPa/19mm mass concrete surround with exposed surfaces trowelled smooth</u>				
16	Not exceeding 1.5m deep	No	6		
	<u>Connecting to existing manholes or infrastructure</u>				
17	Connect new 110mm diameter uPVC pipe to existing sewer cast iron or earthenware pipes including all necessary fittings	No	3		
18	Connect new 160mm diameter uPVC pipe to existing pipes, manholes or plumbing	No	3		
	<u>Sundries</u>				
19	Testing sewer and water drainage system		Item		
Carried to Collection					R
Section No. 3 REPAIRS AND MAINTENANCE TO LOGISTIC BUILDIN Bill No. 16 External Sewer and Water Reticulations REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON					

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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

Item No		Quantity	Rate	Amount
	<u>SECTION NO 4</u> <u>BILL NO. 1</u> <u>DEMOLITIONS AND ALTERATIONS</u> <u>Note:</u> For Preambles see "Specification of Material and Method to be used PW371" 3. The tenderer is advised to thoroughly inspect the existing building as required in item 59 of section 1 - Preliminaries (Clause B3.11) to fully familiarise himself with the items described herein, and any associated works that will reasonably be required to execute the works described herein, before pricing this bill. The tenderers prices will be deemed to include for any such associated work. 4. Should any ambiguity or query arise in this regard, the tenderer shall clarify same with the architect before submitting his tender, failing which he will be deemed to have made adequate provision in his prices.			
	Carried to Collection Section No. 4 REPAIRS AND MAINTENANCE TO NEW PRISON Bill No. 1 Alterations REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON		R	

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

Note:

All alteration work is to be performed in a safe, practical and workmanlike manner and at all times a competent general foreman is to be in charge and shall direct operations. The contractor shall acquaint himself and comply with all requirements and regulations of the Municipal/Local authority.

Special care is to be exercised not to interfere unnecessarily with any electrical light, power, telephone or bell lines and fittings that may be encountered. Notice is to be given when disconnections or removal of wires, etc., are necessary and the contractor is to afford every facility to the electricians, etc. carrying out this work.

"Making good" existing work where disturbed or damaged shall mean the provision of the necessary new material to match the existing and the necessary workmanship so that complete and perfect restoration is achieved to the satisfaction of the architect.

"Making good" existing work where abutting walls, etc., are removed shall mean the provision of the necessary new material and workmanship in filling the gaps to match surrounding finishes so that a complete and perfect surface, is obtained to the satisfaction of the architect.

The rates for "taking out", "taking down", of windows, doors, etc., from brickwork to remain are to include for making good all work disturbed to match surrounding finishes.

The whole of the old materials arising from the alteration shall become the property of the Employer and shall be handed over to the Employer.

Materials and articles described as "set aside for re-use" are to be carefully removed, stored and protected from damage before being re-fixed in new positions. These materials are measured as at present fixed in the existing buildings and the contractor must allow in his prices for replacing with new any of these materials that may be damaged when removing, etc., and for making up with new any loss in quantity arising from the removal or re-fixing.

Carried to Collection

Section No. 4

REPAIRS AND MAINTENANCE TO NEW PRISON

Bill No. 1

Alterations

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR
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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

The remainder of the old materials such as concrete, etc., together with all rubbish, rubble and debris are to be carted away or removed, i.e. they are to be immediately removed from the site which is to be left clean and unencumbered. The contractor will not be permitted to use skips paid for by other direct contractors for the removal of old materials, but shall be required to provide his own. Prices for the removal of doors and frames shall included for removal of fanlights, ironmongery, architraves and other associated trim. Prices for the removal of sanitary fittings shall include for the removal of copper service pipes, traps, brackets and cisterns.			
<u>GENERAL</u> 1 The tenderer shall visit the site after carefully studying the drawings, and make himself thoroughly acquainted with the nature and extent of the work to be done and the value of any materials to become the property of the contractor. No claim for extras arising from his failure to do so will be entertained. 2 The contractor will be required to comply with the Employer's requirements and the municipal by-laws in regard to the use of jackhammers or other noisy machinery required in the demolition operations. 3 The contractor will likewise be required to comply with the municipality's traffic requirements and the municipal traffic by-laws in regard to the periods during which he may cart away or do any loading or off loading of materials.	Item Item Item		
Carried to Collection Section No. 4 REPAIRS AND MAINTENANCE TO NEW PRISON Bill No. 1 Alterations REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON		R	

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

4	In taking down and removing existing work, the utmost care is to be taken to avoid any structural or other damage to the remaining portions of the building. Supply and erect suitable and substantial shoring, needling, strutting, barricading, etc., that may be necessary whilst carrying out any portion of the alterations to ensure the stability of the premises during alterations, all to the satisfaction of the architect, and remove when directed. The contractor must also protect all work not removed such as walls, floors, doors, windows, joinery, loose and fixed fittings, electrical appliances, etc., from damage during the progress of the work and provide all necessary materials for so doing.	Item		
5	In taking down and removing existing work, the utmost care is to be taken to avoid any structural or other damage to the remaining portions of the building. Supply and erect suitable and substantial shoring, needling, strutting, barricading, etc., that may be necessary whilst carrying out any portion of the alterations to ensure the stability of the premises during alterations, all to the satisfaction of the architect, and remove when directed. The contractor must also protect all work not removed such as walls, floors, doors, windows, joinery, loose and fixed fittings, electrical appliances, etc., from damage during the progress of the work and provide all necessary materials for so doing.	Item		
6	The contractor shall allow for liaison, co-ordinating, working with, programming and sequencing work to suit the programmes of the other direct contractors on site.	Item		
7	The contractor is to allow for watering the works with a jet or spray from a hose, sufficient to prevent any nuisance from dust.	Item		
8	The contractor is to ascertain that all alterations are structurally practicable and safe and he will be held solely responsible for damage to any property whatsoever from injury to or death of any person whatsoever arising out of or in the course of or caused by the execution of the works, and for the safety of the structure throughout the whole of the contract, and must make good or cause to be made good at his own expense any damage that may occur, to the satisfaction of the architect and shall pay all claims and expenses whatsoever that may arise.	Item		
Carried to Collection			R	
Section No. 4 REPAIRS AND MAINTENANCE TO NEW PRISON Bill No. 1 Alterations REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON				

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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

	<u>GYPWALL Classic 63F60S46" or similar approved partitions with two layers of 12,5mm thick "Gyproc Rhino board"board cladding on both sides fixed to both sides of the framework using "Gyproc Rhoim board"sharp point screws 3,5m diameter x 25mm (for base layer and 3,5mm diameter x 42mm (for face layer) at maximum 220mm centres, "Donn UltraSTEEL"studs 63,5mm x 35mm friction fitted into top and bottom tracks 63,5mm x 25mm at 600mm centres, floor and head track fixed with one line of fixings spaced at 600mm centres, apply Gyproc Rhino tape to all joints and internal corners and with "Donn"corner beads to all external corners with cavity filled in with and including 50mm insulation blanket and 250µ damp proof membrane on one side</u>				
15	Walls exceeding 3.5m and not exceeding 4m high including demolition and removing on completion	m	450		
	<u>Temporary Office</u>				
16	Allow for temporary offices during renovations of the administration building. The office to accommodate 40 prison staff members. office to be provided with temporary toilets, air-condition etc for a duration of five months		Item		
	<u>Allow for movement of furniture and storage during construction storage for furniture to be 11no x 12m containers for the entire project</u>				
17	Allow for monthly rental charges including profit and attendance for the duration of the Contract 24 months		24		
18	Allow for Transportation of the of the container to site	No	11		
Carried to Collection					R
Section No. 4 REPAIRS AND MAINTENANCE TO NEW PRISON Bill No. 1 Alterations REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON					

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

Safety Guide to Asbestos Removal

Note : The tenderers is drawn to all rules health and Safety rules for managing and disposing of Asbestos.

The contractor undertaking to remove asbestos should be a fully licensed asbestos removal specialist to remove the toxic waste safely. The basic requirements for asbestos removal protection, includes the wearing of a dust mask and a disposable overall.

Health and Safety Issue when Working with Asbestos

Before commencing any work, if it is thought that asbestos may be present, the project manager must undertake a complete project plan. No employee be placed at risk, in an environment where asbestos is possible located. Through a complete site survey, it must be established if materials containing asbestos are present and the work must be planned to either avoid disturbance or the need to dismantle and remove these materials.

If asbestos materials are to be removed, it is essential that the work should be undertaken by an specialist asbestos contractor, who has completed the appropriate asbestos awareness and training course and is certified. It is also important to note, whether the premises will need to be vacated whilst the work is to be undertaken, if people remain in or near the area where asbestos is to be removed, disturbance of material will place anyone in the close vicinity of the project in danger, Other considerations and decision may need to be taken into account, particularly where there is a need to work at height and to identify precisely which equipment is to be required to complete the task safely. For further information tenderers to read specification attached with this bills of quantities

DEMOLITION AND ALTERATION WORK

REMOVAL OF EXISTING WORK

Carried to Collection

Section No. 4

REPAIRS AND MAINTENANCE TO NEW PRISON

Bill No. 1

Alterations

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR
WITBANK PRISON**

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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

	<u>Breaking up and removing mass concrete</u>				
19	100mm Thick surface bed	m2	651		
	<u>Breaking down and removing brickwork etc</u>				
20	Brick-on-edge external window cill, 180mm wide, set sloping and slightly projecting	m	62		
	<u>Taking out and removing doors, windows, etc including thresholds, sills, etc including making good</u>				
21	Timber single door not exceeding 2,5m2 on door frame not to be removed	No	52		
22	Timber single door exceeding 2,5m2 and not exceeding 5m2 on door frame not to be removed	No	11		
	<u>Taking out and removing doors, windows, etc including thresholds, sills, etc (building up openings elsewhere)</u>				
23	Cell Door formed of 50mm Thick hollow steel door size 0,894 x 2,032m high overall comprising 1,6mm mild steel reinforcement bracing channel covered on both sides with 1,6mm sheet metal po-riveted to framing,	No	2		
	<u>Taking out and removing doors, windows, etc including thresholds, sills, etc and building up openings in brick walls including making good cement plaster on both sides (making good paint work elsewhere)</u>				
24	Timber single door and frame not exceeding 2,5m2	No	73		
	<u>Taking down and removing roofs, floors, panelling, ceilings, partitions, etc</u>				
25	Damaged IBR iron roof covering	m2	131		
26	Damaged ridge cover	m	34		
27	Damaged hip cover	m	6		
Carried to Collection					R
Section No. 4 REPAIRS AND MAINTENANCE TO NEW PRISON Bill No. 1 Alterations REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON					

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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

	<u>Taking out set aside for re-used security window mesh and burglar bars and later re-weld and leave in a good working condition to the satisfaction of the Architect</u>				
40	Window size 0,53 x 0,65m high	No	72		
41	Window size 1,50 x 0,60m high	No	14		
42	Window size 0,90 x 1,20m high	No	41		
43	Window size 1,20 x 1,20m high	No	46		
	<u>Hacking up/off and removing granolithick, screeds, plaster, etc from concrete or brickwork and preparing surfaces for new screeds, plaster, etc</u>				
44	30mm Granolithick from floors	m2	6 222		
45	Average 35mm Thick epoxy floor finish on top of taros tiles (Taros tiles not to be removed) including cleaning tarrazzo tile to original state	m2	1 874		
46	Internal plaster from walls and columns	m2	16		
47	Internal plaster from soffit of slab	m2	249		
48	Skirting average 100mm high	m	90		
	<u>Hacking up/off and removing ceramic tile floor and wall finishes including removing mortar bed or backing and preparing concrete or brick surfaces for new screed, plaster or tile finishes</u>				
49	Glazed ceramic wall tiles	m2	1 826		
50	Glazed floor tiles	m2	1 046		
	<u>Taking out and removing rainwater down piping, gutter etc including preparing existing gutter or down pipe to receive new pipe or gutter (elsewhere)</u>				
51	125 x 100mm Rainwater gutter	m	1 748		
Carried to Collection					R
Section No. 4 REPAIRS AND MAINTENANCE TO NEW PRISON Bill No. 1 Alterations REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON					

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

	<u>Taking out and removing piping, sanitary fittings, etc including disconnecting piping from fittings and making good floor and wall finishes (making good tiling and paint work elsewhere)</u>				
52	15 - 30mm Galvani sed steel piping including hacking up plaster to exposed chased pipes	m	4 031		
53	15mm Galvani sed steel piping including fittings and brackets	m	810		
54	100mm Cast iron piping including fittings and brackets	m	2 063		
55	15 -35mm Copper piping including fittings and brackets	m	108		
56	50mm Diameter cast iron pipe	m	278		
57	Vitreous china wash hand basin	No	26		
58	Vitreous china WA pan with cistern	No	161		
59	Stainless steel double bowl sink	No	9		
60	Stainless steel urinal 1 200 x 1 200mm high including breaking up and removing 100mm wide concrete urinal step	No	46		
	<u>Taking out and removing piping, etc including excavation not exceeding 2m deep and exposing the piping including backfilling and compacting</u>				
61	100mm Cast iron piping including fittings and brackets	m	18		
62	50mm Diameter surface mounted colorifier pipe	m	9		
	<u>Carefully take out set aside for re-use electrical light fitting and re-install light fittings after new ceiling has been installed. Light fitting to be installed by registered wire man electrician</u>				
63	2 # 1200mm Surface florescent	No	680		
64	2 # 1500mm Surface florescent	No	670		
65	CFL light fitting for energy lights wall mounted	No	420		
	Carried to Collection			R	
	Section No. 4 REPAIRS AND MAINTENANCE TO NEW PRISON Bill No. 1 Alterations REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON				

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

66	2 # 18W Round bulkhead	No	650		
67	2 # 18W Square bulkhead	No	450		
	<u>Carefully take out and remove existing broken panes to steel windows and protecting other window panes from breakage, etc., including cleaning and preparing to receive new panes:</u>				
68	Glass from steel windows including cleaning out rebates and preparing for new glass	m2	1 024		
	<u>Carefully take out and remove cracked putty on existing panes to steel windows and protecting other window panes from breakage, etc., including cleaning and preparing to receive new panes:</u>				
69	Damaged or cracked putty from existing window panes	m	11 357		
	<u>Carefully take out and remove existing pilling off putty to steel windows and protecting window panes from breakage, etc., including cleaning, preparing and putting new putty to window:</u>				
70	On steel window	m2	292		
	<u>MAKING GOOD OF FINISHES ETC</u>				
	<u>Clean and repair existing terrazzo tiles</u>				
71	Clean existing Terrazzo tiled floor with high pressure water. Remove loose grouting and apply new grouting between joints. Re-seal expansion joints with silicon.	m2	1 874		
	<u>PREPARATORY WORK TO EXISTING SURFACES</u>				
Carried to Collection					R
Section No. 4 REPAIRS AND MAINTENANCE TO NEW PRISON Bill No. 1 Alterations REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON					

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

	<u>Prepare and apply one coat of "Polymer modified fibre reinforced structural repair mortar as supplied by abe Construction Chemical or equally approved</u> The substrate must be sound, firm and clean, free of oil, grease, loose particle and cement laitance, old layer of paint, or other contaminants All edges to be repaired must be square cut to a minimum of 10mm deep perpendicular to the surface followed by the removal of all unsound material. When using compressor air for cleaning, the air must be cleaned and oil free. Expose all corroded reinforcing steel and grit blast. A clean bright finish is required ensuring to that all corrosion product are removed, particularly behind the steel. Expose reinforcing bar to be primed by applying <u>durarep ZR</u> primer Use <u>epidermix 344</u> wet to dry epoxy as primer for structural application where the bond strength must be equal or greater than parent material.				
72	On cracked reinforced element	m2	110		
73	On reinforced concrete elements	m2	35		
74	Making good defects in existing screeded floors with "Pavelite"	m2	1 657		
	<u>Breaking out for and forming openings through brick walls for new doors and frames including necessary precast concrete lintels and making good plaster on one side and into reveals and face brickwork on other side and into reveals and with concrete thresholds with steel trowelled finish (new doors and frames and making good paint work elsewhere)</u>				
75	Opening for Cell type windows size 930 x 895mm high overall through 280mm cavity wall	No	2		
Carried to Collection					R
Section No. 4 REPAIRS AND MAINTENANCE TO NEW PRISON Bill No. 1 Alterations REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON					

REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

Item No		Quantity	Rate	Amount
	<u>SECTION NO 4</u>			
	<u>BILL NO. 3</u>			
	<u>CONCRETE, FORMWORK AND REINFORCEMENT</u>			
	<u>Note:</u>			
	For Preambles see "Specification of Material and Method to be used PW371"			
	<u>CONCRETE</u>			
	<u>REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u>			
	<u>Mass concrete with a coarse aggregate of 19mm and a minimum compressive strength of 20MPa at 28 days</u>			
1	Surface beds in patchwork	m3	177	
2	Urinal steps	m3	4	
3	Ramps	m3	23	
	<u>Concrete test cubes</u>			
4	Prepare set of three 150 x 150 x 150mm concrete strength test cubes, label and send to an approved laboratory for testing, pay all charges and submit report to the Representative/Agent. Only successful tests will be paid for	No	22	
	<u>Sundries</u>			
5	Finish raking top surface of concrete slabs, etc. to a smooth and even wood floated surface including additional dry sand/cement mixture added as necessary whilst the concrete is still wet	m2	641	
	Carried to Collection			
	Section No. 4			
	REPAIRS AND MAINTENANCE TO NEW PRISON			
	Bill No. 3			
	Concrete, Formwork and Reinforcement			
	REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR			
	WITBANK PRISON			

REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
	WITBANK PRISON

<u>ROUGH FORMWORK (DEGREE OF ACCURACY II)</u>				
<u>Smooth formwork to sides</u>				
6	Edges, risers, ends and reveals not exceeding 300mm high or wide	m	6	
<u>REINFORCEMENT</u>				
<u>Mesh reinforcement</u>				
7	Mesh reinforcement with mesh reference number 193 laid in slabs with 300mm wide side and end laps (measured net)	m2	19	
Carried to Collection				R
Section No. 4 REPAIRS AND MAINTENANCE TO NEW PRISON Bill No. 3 Concrete, Formwork and Reinforcement REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON				

REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
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Item No		Quantity	Rate	Amount
	<u>SECTION NO 4</u>			
	<u>BILL NO. 4</u>			
	<u>MASONRY</u>			
	<u>Note:</u>			
	For Preambles see "Specification of Material and Method to be used PW371"			
	<u>External facings in approved face bricks (FBS) to match existing pointed with square recessed horizontal and vertical joints</u>			
1	Bull nose brick-on-edge external window cill, 180mm wide, set sloping and slightly projecting in cement mortar and pointed on top, front edge and projecting soffit including all necessary fair raking cutting to facings under and fair and fitted ends	m	62	
	<u>BRICKWORK SUNDRIES</u>			
2	Re-built loose face brick-on-edge external window cill, 180mm wide, set sloping and slightly projecting in cement mortar and pointed on top, front edge and projecting soffit including all necessary fair raking cutting to facings under and fair and fitted ends	m	418	
3	Caulking mortar or grout into door frame or window frame	m	1 715	
	<u>High Pressure Cleaning of face bricks</u>			
	<u>High pressure cleaning of face bricks with approved brick cleaner to remove fungal growth and efflorescent deposit, graffiti painting etc. by brushing off or scrubbed with "Berger fungul washed" or equally approved solution cleaning to be approved by the Architect</u>			
4	On existing external face bricks	m2	27 343	
	Carried to Collection			
	Section No. 4			
	REPAIRS AND MAINTENANCE TO NEW PRISON			
	Bill No. 4			
	Masonry			
	REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR			
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REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

<u>Sealing of existing leaking roof</u>					
5	Carefully examine existing IBR iron roof sheeting for leakage, replace all defective and loose drive screws with longer driven screws, washer and cupped washer seal small holes with flashing membrane prepare and apply acrylic and rubberized bitumen waterproofing flashing including membrane and metal primer where necessary over roof screw head in problem areas, all in accordance with the manufacturer's instructions and leave watertight.	m2	15 115		
<u>RAINWATER DISPOSAL</u>					
<u>0,9mm Seamless sheet metal gutter with chromodeck finish</u>					
6	125 x 100mm Rectangular section eaves gutter with 20mm wide overlapping joints sealed with and including bitumen impregnated foam plastic joints sealing strip and rivetted at 20mm centre	m	1 748		
7	Extra over 125 x 100mm eaves gutter for stopped end	No	45		
8	Extra over 125 x 100mm eaves gutter for angle	No	41		
9	Extra for outlet with nozzle for and jointed to 100 x 100mm down pipe including galvanised wire balloon grating	No	55		
10	100 x 100mm Diameter rainwater down pipe with brackets fixed to brick wall or concrete	m	248		
11	Extra for shoe	No	55		
12	Extra for eaves offset	No	55		
Carried to Collection				R	
Section No. 4 REPAIRS AND MAINTENANCE TO NEW PRISON Bill No. 6 Roof Coverings etc REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON					

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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

Item No		Quantity	Rate	Amount
	<u>SECTION NO 4</u> <u>BILL NO. 7</u> <u>CARPENTRY AND JOINERY</u> <u>Note:</u> For Preambles see "Specification of Material and Method to be used PW371" 3. All boards, rails, frames, etc. shall include all associate mitres, trimming to size, temporary holding in position and fixing complete 4. All timber must be protected from rot attack by fungi and insects by having been treated in accordance with SABS 1200			
	<u>REPAIRS TO ROOF TIMBERS</u> <u>Replace damaged roof timbers in existing trusses removal (elsewhere measured) including Engineering Certificate</u> <u>Sawn softwood</u>			
1	38 x 38mm Fascia or barge board support	m	763	
2	50 x 75mm Purlins	m	225	
3	76 x 76mm Splayed eaves purlin	m	225	
4	38 x 114mm Ceiling joist	m	180	
5	38 x 152mm Beam	m	150	
6	38 x 152mm Rafters	m	60	
	Carried to Collection			
	Section No. 4 REPAIRS AND MAINTENANCE TO NEW PRISON Bill No. 7 Carpentry and Joinery REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON			

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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

7	38 x 114mm Longitudinal bracing	m	90		
8	38 x 114mm Cross bracing	m	120		
	<u>Bolted timber roof trusses</u>				
9	38 x 114mm Roof timbers in patching damaged existing roof trusses in lengths not exceeding 2,4m long	m	90		
10	38 x 114mm Roof timbers in in patching existing damaged roof trusses lengths exceeding 2,4m and not exceeding 3,9m long	m	60		
11	38 x 152mm Roof timbers in patching existing damaged roof trusses in lengths not exceeding 2,4m long	m	120		
12	38 x 152mm Roof timbers in patching existing damaged roof trusses in lengths exceeding 3,9m and not exceeding 6,6m long	m	60		
13	38 x 152mm Roof timbers in patching existing damaged roof trusses in lengths exceeding 6,6m long	m	45		
	<u>Roof Sundries</u>				
14	Galvanised mild steel hurricane type fixing clip nailed between truss and heel bracing connection	No	180		
15	50mm Diameter toothed ring connector between truss members at connections	No	60		
16	Mild steel screw bolts with nuts and washers	kg	120		
17	3,2mm Galvanised wire purlin tie	No	120		
18	Galvanised mild steel hurricane type fixing clips nailed between rafter and purlin connection <u>(Provisional)</u>	No	60		
	<u>Wood Preservative</u>				
19	Two coats wood preservative applied hot on sawn timbers before fixing	m2	62		
Carried to Collection				R	
Section No. 4 REPAIRS AND MAINTENANCE TO NEW PRISON Bill No. 7 Carpentry and Joinery REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON					

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

	<u>Fibre Cement Fascia and Barge board</u>				
20	10 x 225mm Fascia board countersunk screwed to roof timbers (elsewhere) with two brass screws at maximum 1200mm centres and jointed with and including standard aluminium half round cover strips at all joints	m	763		
	<u>Sundries</u>				
21	Service existing fascia and barge board including replacing missing, loose strips, re-aligning, and nailing loose screws and leave in good condition	m	3 238		
	<u>SKIRTINGS</u>				
	<u>Wrought meranti</u>				
22	76 x 19mm Meranti skirting with 25mm quarter round fixed against wall	m	31		
	<u>DOORS, ETC.</u>				
	<u>Wrought Meranti</u>				
23	40 x 813 x 2032mm Framed, ledged and braced batten door formed of 40 x 110mm styles and top rail, 20 x 225mm bottom ledge, 20 x 150mm middle ledge and 20 x 110mm diagonal braces, filled in flush one side with 20 x 75mm tongued, grooved and V-jointed both sides vertical boarding fixed in and including grooves in styles and top rail	No	61		
24	40 x 1 374 x 2 137mm Framed, ledged and braced batten double door in two equal leaves with rebated meeting styles, each leaf formed of 40 x 110mm styles and top rail, 20 x 225mm bottom ledge, 20 x 150mm middle ledge and 20 x 110mm diagonal braces, filled in flush one side with 20mm x 75mm tongued, grooved and V-jointed both sides vertical boarding fixed in and including grooves in styles and top rail	No	1		
	Carried to Collection			R	
	Section No. 4 REPAIRS AND MAINTENANCE TO NEW PRISON Bill No. 7 Carpentry and Joinery REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON				

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

25	40 x 1613 x 2032mm Framed, ledged and braced batten double door in two equal leaves with rebated meeting styles, each leaf formed of 40 x 110mm styles and top rail, 20 x 225mm bottom ledge, 20 x 150mm middle ledge and 20 x 110mm diagonal braces, filled in flush one side with 20mm x 75mm tongued, grooved and V-jointed both sides vertical boarding fixed in and including grooves in styles and top rail	No	11	
	<u>Solid laminated flush panel doors with Meranti veneer both sides and two matching concealed vertical edge strips</u>			
26	40 x 769 x 1 910mm Door	No	51	
27	40 x 912 x 2 032mm Door	No	12	
	<u>FRAMED FRAMES ETC</u>			
	<u>Repair to existing door</u>			
28	Repair existing single damaged section of door by removing damaged section and replacing with matching woodblock to match profile door	No	37	
	<u>Repair to existing door frame</u>			
29	Repairs and service timber door frame suitable for door size 813 x 2 032mm high including cutting and replacing damaged or wrote piece and restore with matching piece, replacing striking plates and leave in good working condition all work to match existing	No	9	
	<u>Sundries</u>			
30	Service single door to open and close properly including loose screws and leave in good working condition	No	63	
31	Service double door to open and close properly including loose screws and leave in good working condition	No	1	
Carried to Collection				R
Section No. 4 REPAIRS AND MAINTENANCE TO NEW PRISON Bill No. 7 Carpentry and Joinery REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON				

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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

Item No		Quantity	Rate	Amount
	<u>SECTION NO 4</u> <u>BILL NO. 8</u> <u>CEILINGS, PARTITIONS AND ACCESS FLOORING</u> <u>Note:</u> For Preambles see "Specification of Material and Method to be used PW371" <u>SUPPLEMENTARY PREAMBLES</u> <u>Descriptions</u> Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins or shot pinned to brickwork or concrete Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 600mm centres, and where described as "bolted" the bolts have been given elsewhere <u>Bulkheads</u> Bulkheads are those areas of ceilings which are at a level differing from the general ceilings in a particular room or area and which generally occur along the perimeter of the room or area. Their purpose is either to conceal services or to create an architectural feature by changing levels Bulkheads will only be measured as such when they conform with the above description and when the horizontal or vertical dimensions do not exceed 1200mm. Should these dimensions be more than 1200mm then the horizontal or vertical ceilings will be included in the general ceiling measurements			
	Carried to Collection			
	Section No. 4 REPAIRS AND MAINTENANCE TO NEW PRISON Bill No. 8 Ceilings, Partitioning and Access Flooring REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON			

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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

<u>CEILING</u>				
<u>Fibreglass insulation</u>				
1	100mm Insulation closely fitted and laid on top of brandering between roof timbers etc.	m2	437	
<u>Fibre cement ceilings</u>				
2	Horizontal ceiling formed of 6mm thick x 1200mm wide boards with and including H-type pressed steel jointing strips and 38 x 38mm sawn softwood brandering at 400mm centres in one direction and around edges where required for fixing cornices, securely spiked to roof timbers	m2	437	
<u>9,8mm "BPB Gypsum Rhinoboard on 38 x 38mm brandering at 400mm centre on one direction with joints covered with H-section cover strip complete</u>				
3	Horizontal ceiling in patchwork	m2	430	
4	Extra over plasterboard ceiling for hinged pressed metal trap door size 600 x 600mm including all necessary ironmongery	No	1	
<u>Standard gypsum plasterboard cornices</u>				
5	75mm Coved cornice	m	570	
<u>Sundries</u>				
6	Inspect existing horizontal fibre cement or gypsum plasterboard ceiling including re-aligning ceiling or replace damaged or missing h-section strips and leave in good condition to the satisfaction of the Architects	m2	1 819	
7	Repair existing loose or damaged cornice to the satisfaction of the Architect	m	48	
Carried to Collection				R
Section No. 4 REPAIRS AND MAINTENANCE TO NEW PRISON Bill No. 8 Ceilings, Partitioning and Access Flooring REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON				

REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
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Section No. 4 REPAIRS AND MAINTENANCE TO NEW PRISON Bill No. 8 Ceilings, Partitioning and Access Flooring <u>COLLECTION</u> <
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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

Item No		Quantity	Rate	Amount
	<u>SECTION NO 4</u> <u>BILL NO. 10</u> <u>IRONMONGERY</u> <u>Note:</u> For Preambles see "Specification of Material and Method to be used PW371" 3. The following are inclusive of all associated fixing, fittings, suspension chains, etc.			
	<u>THE FOLLOWING IRONMONGERY FIXED TO DOORS, ETC.</u> <u>Bolts and latches</u> 1 150mm Satin chrome flush bolt and keep No 12 2 150mm Satin chrome flush bolt with a short length of brass tubing let into concrete floor as keep No 12 <u>Replace the following ironmongery to match existing</u> 3 Standard brass pag and stay to residential steel windows No 244 4 Standard brass sliding stay to residential steel windows No 582 5 Residential type steel window handle No 988 6 Striking plate to existing door frame No 405 <u>approved</u> 7 2247-78SS Four lever upright lock set with striking plate fixed to metal No 122			
	Carried to Collection			
	Section No. 4 REPAIRS AND MAINTENANCE TO NEW PRISON Bill No. 10 Ironmongery REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON			

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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

8	2247-78SS Four lever upright rebated lock set with striking plate fixed to metal	No	27		
9	CZ682TL-73SC Gower bathroom lever furniture with bathroom turn and emergency release	No	51		
	<u>PUSH AND KICKING PLATES</u>				
	<u>2mm Satin finished stainless steel</u>				
10	800 x 200mm Plate fixed to timber door	No	156		
	<u>"Kimberley Clark" or similar approved</u>				
11	Code 427518 Liquid soap dispenser plugged	No	8		
12	Code 405597 SE2 two roll toilet roll holder dispenser plugged	No	141		
	<u>SUNDRIES</u>				
13	Union CZ8731SC Rubber door stop	No	85		
Carried to Collection Section No. 4 REPAIRS AND MAINTENANCE TO NEW PRISON Bill No. 10 Ironmongery REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON					R

REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON

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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

Item No		Quantity	Rate	Amount
	<u>SECTION NO 4</u> <u>BILL NO. 11</u> <u>METALWORK</u> <u>Note:</u> For Preambles see "Specification of Material and Method to be used PW371" <u>SUPPLEMENTARY PREAMBLES</u> <u>Primer</u> All surfaces of steelwork to be painted with one coat approved factory primer before leaving the workshop of the Manufacturer and all scratches, chips or blemishes to be made good on site after erection. All rates tendered must make provision for this as no claim will afterwards be entertained <u>Descriptions</u> Descriptions of bolts shall be deemed to include nuts and washers. Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete. Metalwork described as "holed for bolt(s)" shall be deemed to exclude the bolts unless otherwise described.			
	<u>WELDED SCREENS, GATES, ETC</u>			
	Carried to Collection		R	
	Section No. 4 REPAIRS AND MAINTENANCE TO NEW PRISON Bill No. 11 Metalwork REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON			

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

<u>Repairs, Security Steel door to open and close properly including replacing damaged or missing parts, locking mechanism, handle etc. and re-welding loose steel door according specification and leave in a good working condition new parts to be purchased from an approved dealers all to be approved by the principal agent</u>					
1	Service security gate size 1 120 x 2 332mm high including replacing missing parts to open and close properly and leave in a good working condition	No	1		
2	Service security gate size 1 120 x 2 780mm high including replacing missing parts to open and close properly and leave in a good working condition	No	1		
<u>MILD STEEL CELL DOORS, GRILLE GATES, FRAMES ETC.</u>					
The cell doors, grille gate and frames shall be purpose made according to the description, specifications, sizes and detail shown on drawing at the back of these Bills of Quantities.					
<u>Cell Grill gate</u>					
3	Grill steel door size 925 x 2 100mm high overall formed of 50 x 50 x 6mm thick angle section frame surround with 17mm diameter mild steel vertical rod welded at the frame at 136 centres, provided with one bow handle and with 240 x 180mm high steel lock cover plate, complete with gusset plate at four corners, etc, (lock and lock box to be supplied by SAPS Logistics) all as per detail at the back of this bills of quantities	No	2		
<u>Cell door</u>					
4	50mm Thick hollow steel door size 0,894 x 2,032m high overall comprising 1,6mm mild steel reinforcement bracing channel covered on both sides with 1,6mm sheet metal po-riveted to framing, provided with one bow handle and with 230mm high steel lock box welded in position (lock and lock box to be supplied by SAPS Logistics) all as per detail drawing at the back of this bills of quantities	No	2		
Carried to Collection				R	
Section No. 4 REPAIRS AND MAINTENANCE TO NEW PRISON Bill No. 11 Metalwork REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON					

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REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON

	<u>Inspect, repairs, service existing cell window to open and close properly, re-built loose windows, replace missing or damaged parts or window furniture, etc. and leave in a good working condition to match existing undamaged windows parts to be approved by principal agent</u>				
11	Existing cell window size 0,500 x 0,950m high	No	106		
12	Existing cell window size 0,850 x 0,950m high	No	1 016		
Carried to Collection					R
Section No. 4 REPAIRS AND MAINTENANCE TO NEW PRISON Bill No. 11 Metalwork REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON					

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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

Item No		Quantity	Rate	Amount
	<u>SECTION NO 4</u>			
	<u>BILL NO. 12</u>			
	<u>PLASTERING</u>			
	<u>Note:</u>			
	For Preambles see "Specification of Material and Method to be used PW371"			
	<u>UNTINTED GRANOLITHICH FINISH ON CONCRETE</u>			
1	30mm Thick on floors	m2	4 495	
2	30mm Thick on floors and landings	m2	2 774	
3	200mm High upwards sloping concave skirting	m	90	
	<u>Repair cracks and holes in floor</u>			
4	Repair cracks and holes in screed floor finish by preparing and applying polymer modified cementitious floor repair mortar, all in accordance with the manufacture's instructions and Structural Engineers specification	m2	125	
5	Repair cracks and holes in hardened concrete skirting finish by preparing and applying polymer modified cementitious floor repair mortar, all in accordance with the manufacture's instructions and Structural Engineers specification	m	45	
	<u>EPOXY SCREED</u>			
	<u>Self leveling epoxy screed finished smooth and colour coated as per manufacturers' specification</u>			
6	4mm Thick on floor and landing	m2	5 925	
	Carried to Collection			
	Section No. 4			
	REPAIRS AND MAINTENANCE TO NEW PRISON			
	Bill No. 12			
	Plastering			
	REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR			
	WITBANK PRISON			

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REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON

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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

Item No		Quantity	Rate	Amount
	<u>SECTION NO 4</u> <u>BILL NO. 13</u> <u>TILING</u> <u>NOTES:</u> For Preambles see "Specification of Material and Method to be used PW371"			
	<u>CERAMIC WALL TILES</u> <u>Approved wall tiles (PC Amount of R150-00 excluding VAT) fixed on 25mm screed (elsewhere measured) flush pointed with tinted waterproof jointing compound and approved adhesive</u>			
1	On walls	m2	1 795	
	<u>Sundries</u>			
2	Plastic edging strip fixed to wall at corners	m	134	
	<u>CERAMIC FLOOR TILES</u> <u>Approved floor tiles (PC Amount of R150-00 excluding VAT) fixed on 25mm screed (elsewhere measured) flush pointed with tinted waterproof jointing compound and approved adhesive</u>			
3	On floor and landing	m2	1 100	
4	Skirting 75mm high using cut tiles (plaster elsewhere)	m	34	
	<u>Clean and repair existing ceramic tiles</u>			
5	Clean existing ceramic tiled floor with high pressure water. Remove loose grouting and apply new grouting between joints. Re-seal expansion joints with silicon.	m2	125	
	Carried to Collection			
	Section No. 4 REPAIRS AND MAINTENANCE TO NEW PRISON Bill No. 13 Tiling REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON			
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REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
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6	Clean existing ceramic wall tiles with high pressure water. Remove loose grouting and apply new grouting between joints. Re-seal expansion joints with silicon.	m2	105		
Carried to Collection					R
Section No. 4 REPAIRS AND MAINTENANCE TO NEW PRISON Bill No. 13 Tiling REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON					

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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

Item No		Quantity	Rate	Amount
	<u>SECTION NO 4</u> <u>BILL NO. 14</u> <u>PLUMBING AND DRAINAGE (PROVISIONAL)</u> <u>Note:</u> For Preambles see "Specification of Material and Method to be used PW371"			
	<u>SANITARY FITTINGS</u> <u>STAINLESS STEEL</u> <u>NOTE : Stainless steel for economic basin, domestic sinks worktops and wash troughs shall be type 430 (17/0)</u> <u>NOTE : Stainless steel for economic basin, domestic sinks worktops and wash troughs shall be type 304 (18/8)</u> <u>Wash Trough Security type</u>			
1	'Franke Code 325307" or equally approved 1,2mm Grade 304 18/10 stainless steel stainless steel double wash trough (code 256005) size 1050 x 440 x 240mm deep slanted ribbed front side for scrubbing and 40mm waste outlet, stainless steel brackets (code 300367) bolted to wall with 4 x 6mm anchor bolts	No	56	
	<u>Wash hand basin security type</u>			
2	Security type wash hand basin size 565mm x 445mm x 450mm Heavy duty stainless steel Security WHB comes with threaded Rods see attached sketches at the back of this bills of Quantities	No	140	
	Carried to Collection			
	Section No. 4 REPAIRS AND MAINTENANCE TO NEW PRISON Bill No. 14 Plumbing and Drainage REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON			

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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

<u>Trough Urinal (TU 102 Auto flush)</u>				
3	900mm TU102 Urinal Trough Build in tipping tank to flush Grade 304 S/S, 0,9mm Gauge, Drip Rock all as per attached drawing at the back of this bills of Quantities	No	55	
<u>Security type Water closets including cistern</u>				
4	SAPX597 W+F W/C 500 Toilet Pan size 550mm x 395mm x 445mm, extended inlet. SAPXX597 Stainless Steel Floor mounted pan (Code 2540164) with and including security type high level stainless steel cistern with Supa Flush and 41mm diameter stainless steel flush pipes	No	140	
<u>WC pan, etc. shall be 1,2mm type 304 AISI (18/10)</u>				
5	"Franke HDTX597 Code 356118" or equally approved 1,2mm Grade 304 18/10 stainless steel wall and floor mounted shrouded pan size 550 x 360 x 450mm high with wooden slats, internal flange with 250mm long extension pipes, exposed back entry flush valves with 60mm flush pipes bolted to wall and floor with anchor bolts all in compliance with SABS 1733:2002	No	3	
6	WC suite comprising white vitreous china pan with P trap, 9 litre low-level white plastic cistern complete with valveless syphonic fitting, ball valve and matching flush pipe and heavy duty white single flap seat	No	26	
<u>Shower Tray</u>				
7	BS Shower Tray (Security) : BS400 Shower Tray (800mm x 800mm x 75mm) Stainless Steel 1.2 mm Gauge- interrated waste included.	No	54	
<u>Wash hand basins:</u>				
8	"Vaal Sanitary ware Springbok code 7031" or equally approved fireclay wall mounted basin size 550 x 400mm with two tapholes, including intergrated overflow and chain stay holes fixed to wall with semi concealed cast iron brackets	No	26	
Carried to Collection				R
Section No. 4 REPAIRS AND MAINTENANCE TO NEW PRISON Bill No. 14 Plumbing and Drainage REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON				

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

	<u>WASTE, ETC.</u>				
9	32 mm Basin waste	No	209		
10	38 mm Sink waste	No	9		
11	38mm Domical grating urinal waste union	No	51		
	<u>TRAPS, ETC.</u>				
12	40 mm Butyl rubber deep seal "P" trap	No	218		
13	32 x 40mm Chromium plated bottle trap	No	106		
14	40mm Butyl rubber resealing P-trap to comply with SANS 1321	No	32		
15	40mm Rough brass shower waste, with 75mm diameter chrome plated shower grating	No	54		
	<u>TAPS, VALVES, ETC.</u>				
16	15 mm 059 CP extension piece with sliding wall flange	No	9		
17	"Cobra Watertech code:KM2.202-15" or equally approved 15mm chrome plated demand bib tap	No	235		
	<u>Shower Accessory</u>				
18	Shower mixer (Security type) : Under tile single lever shower mixer. (SANS 1480), to manufactures specification or equally approved.	No	54		
19	Slimline shower head DN 15 with plastic jet face, to manufactures specification.	No	54		
20	Recessed shower panel. Unit to be manufactured with holes to accommodate the mixer/tap and shower rose. Size: 1485 x 322 x 68mm	No	54		
	Carried to Collection			R	
	Section No. 4 REPAIRS AND MAINTENANCE TO NEW PRISON Bill No. 14 Plumbing and Drainage REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON				

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

<u>Basin mixer</u>				
21	Walcro type 155ws security type basin mixer formed of 15mm BSP, built-in sleeve,DZR brass basin valve with internal flow control, strainer and no hold feature for single basin. Specifications for basin / drinking spout Walcro BBD/15: 15mm BSP, high risk, chrome, basin / drinkingwall spout with locking pins.	No	140	
<u>Urinal Fash Valve Systems</u>				
22	Urinal Flush Valves Security Type SANS1480), to manufactures specification.	No	55	
23	"Walker Crosweiler Walcro 330UR" or equally approved 15mm chrome exposed urinal flush valves with chromium plated wall flanges	No	55	
<u>Toilet Flush Valves</u>				
24	"Walker Crosweiler Walcro 106CXP" or equally approved 25mm chrome concealed flush valves with push button actuator, rubber pan connector and integral vacuum breaker	No	17	
25	Toilet Flsh Valve Security type System formed of 25mm flush valves including adapter to pan	No	140	
<u>SERVICING, CLEANING AND REPAIR OF SANITARY WARE</u>				
<u>Sanitary Fittings</u>				
26	Clean,seal leakages, replace missing toilet seat with heavy duty single flap toilet seat, and destaining of wc pan with approved destaining solutions and leave in good working condition	No	9	
27	Clean, seal leakages in taps, replace missing tap, flexi connector and destaining with approved destaining solution existing wash hand basin and leave in good working condition	No	14	
28	Clean, seal leakages, service urinal cistern, destained urinal and leave in good working condition	No	17	
Carried to Collection				R
Section No. 4 REPAIRS AND MAINTENANCE TO NEW PRISON Bill No. 14 Plumbing and Drainage REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON				

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

29	Service, replace wc cistern flushing mechanism and leave in good working condition	No	9		
30	Service replace urinal flushing mechanism and leave in good working condition	No	17		
31	Service curved back stainless steel urinal 2 000 long x 1350mm high including replacing automatic flushing tray and cistern, drip cock and hinged dominical grating not exceeding etc and leave in good working condition	No	1		
<u>SERVICING, OVERHAULING AND CLEANING OF BRASS WARE</u>					
<u>Service and repair brass ware with new repair kit and leave in good working condition</u>					
32	15mm Diameter pillar tap	No	5		
33	15mm Chromium Plated wall mounted tap	No	18		
34	15mm Recessed brass stopcocks	No	31		
<u>Replace missing tap handles</u>					
35	15 - 20mm Chromium plated star handle	No	5		
36	15 - 20mm Brass handle	No	3		
<u>Replace tap head and leave in good working condition</u>					
37	15mm Cobra chromium plated	No	4		
38	20mm Cobra chromium plated	No	2		
<u>Replace washer on brassware with kits</u>					
39	15mm Chromium Plated wall mounted taps	No	5		
40	20mm Chromium Plated wall mounted taps	No	4		
41	15mm Recessed brass stopcocks	No	6		
Carried to Collection				R	
Section No. 4 REPAIRS AND MAINTENANCE TO NEW PRISON Bill No. 14 Plumbing and Drainage REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON					

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

<u>SERVICE, CLEANING AND REPAIR OF DOMESTIC WATER DRAINAGE PIPE INSTALLATIONS</u>				
42	Repair and or replacement of damaged pipe lagging and cladding for 15 to 32mm diameter fibreglass section with galvanised sheet metal	m	14	
43	Preparation and painting of exposed pipe work exceeding 15mm and not exceeding 32mm diameter	m	20	
<u>Service and repair of drainage installations</u>				
44	Unblock and clean P-traps	No	5	
45	Preparation and painting of all exposed pipe work not exceeding 50mm diameter	m	46	
46	Replace missing or broken cleaning eye cover	No	5	
<u>WATER SUPPLY</u>				
<u>Class 1 copper pipes</u>				
47	15mm Pipe laid in or under floors, chased to walls, fixed to roof timbers, etc.	m	4 790	
48	22mm Pipe laid in or under floors, chased to walls, fixed to roof timbers, etc.	m	2 682	
49	28mm Pipe laid in/under floors or fixed to walls, slabs, roof timbers, etc.	m	1 342	
50	42mm Pipe laid in/under floors or fixed to walls, slabs, roof timbers, etc.	m	54	
51	15mm Pipe fixed in and including chase in walls	m	918	
52	22mm Pipe fixed in and including chase in walls	m	482	
<u>Extra over copper pipes for capillary fittings</u>				
53	15mm Fittings	No	3 108	
54	22mm Fittings	No	1 581	
Carried to Collection				R
Section No. 4 REPAIRS AND MAINTENANCE TO NEW PRISON Bill No. 14 Plumbing and Drainage REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON				

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

55	28mm Fittings	No	215		
56	42mm Reducer	No	27		
57	42mm Elbow	No	14		
58	42mm Tee	No	14		
59	42mm Reducing tee	No	14		
60	42mm Threaded adaptor	No	14		
	<u>Copper piping Class O SABS 460 with capillary soldered copper fitting for cold and hot water piping installed on chased wall including wrapping of pipes with builders paper, chasing and reinstatement of chased surface wall panel</u>				
61	15 - 38mm Diameter including fittings and glazed tiles to match existing	m	184		
62	15 - 28mm Diameter including fittings, plaster and paint to match existing	m	25		
	<u>SANITARY PLUMBING</u>				
	<u>uPVC class 34 pipes</u>				
63	50mm Pipe laid in/under floors or fixed to walls, slabs, roof timbers, etc.	m	1 542		
64	75mm Pipe laid in/under floors or fixed to walls, slabs, roof timbers, etc.	m	8		
65	110mm Pipe laid in/under floors or fixed to walls, slabs, roof timbers, etc.	m	2 454		
	<u>Extra over uPVC pipes for</u>				
66	100 x 50mm Reducer	No	92		
67	50mm Bend	No	399		
68	110mm Bend	No	644		
Carried to Collection					R
Section No. 4 REPAIRS AND MAINTENANCE TO NEW PRISON Bill No. 14 Plumbing and Drainage REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON					

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

69	110mm Junction	No	532		
70	110mm Pan connector	No	161		
71	50mm Access bend	No	291		
72	110mm Access bend	No	322		
73	110mm Access bend with anti-syphon horn	No	322		
74	110mm Access junction	No	322		
75	110mm Access reducing junction	No	322		
	<u>HDPE polyethylene Class 6 (SABS 533 Type 4 Part 11) drain pipes with electro fusion or butt welded joints</u>				
76	50mm Pipe including excavation not exceeding 2m deep	m	9		
77	110mm Pipe including excavation not exceeding 2m deep	m	18		
	<u>Clean pipes by means of rodding distances between basin, sink, shower trap and cleaning eye not exceeding 10m and removing all silt, etc. leaving all internal pipes surfaces free from any dirt or debris including disposal of all removed material.</u>				
78	50mm Diameter waste water pipes	No	5		
79	110mm Diameter waste water pipes	No	28		
	<u>Clean pipes by means of Liquid drain cleaner and removing all silt, etc. leaving all internal pipes surfaces free from any dirt or debris including disposal of all removed material.</u>				
80	Basin	No	5		
81	Sink	No	6		
82	Shower	No	4		
	Carried to Collection				
	Section No. 4				
	REPAIRS AND MAINTENANCE TO NEW PRISON				
	Bill No. 14				
	Plumbing and Drainage				
	REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR				
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REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON

Section No. 4			
REPAIRS AND MAINTENANCE TO NEW PRISON			
Bill No. 14			
Plumbing and Drainage			
<u>COLLECTION</u>			
Total Brought Forward from Page No.	Page No	Amount	
	220		
	221		
	222		
	223		
	224		
	225		
	226		
	227		
	228		
Carried Forward to Summary of Section No. 4		R	
Section No. 4			
REPAIRS AND MAINTENANCE TO NEW PRISON			
Bill No. 14			
Plumbing and Drainage			
REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR			
WITBANK PRISON			

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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

Item No		Quantity	Rate	Amount
	<u>SECTION NO 4</u> <u>BILL NO. 16</u> <u>PAINTWORK</u> <u>Note:</u> For Preambles see "Specification of Material and Method to be used PW371" <u>PREPARATORY WORK TO EXISTING WORK</u> <u>Previously painted plastered surfaces</u> Surfaces shall be thoroughly washed down and allowed to dry completely before any paint is applied. Blistered or peeling paint shall be completely removed and cracks shall be opened, filled with a suitable filler and finished smooth Remove paint to grey state with stripper and sanding. Wash with sugar soap. Repair minor cracks and defects by scratching out cracks and defects and refill with white cement based general purpose filler for use on exterior surfaces. Repair cracks as specified by manufacture. Apply water based keying agent (bonding liquid). paint as specified <u>Previously painted metal surfaces</u> Surfaces shall be thoroughly rubbed and cleaned down. Blistered or peeling paint shall be completely removed down to bare metal <u>Previously painted wood surfaces</u> Surfaces shall be thoroughly cleaned down. Blistered or peeling paint shall be completely removed and cracks and crevices shall be primed, filled with suitable filler and finished smooth Carried to Collection Section No. 4 REPAIRS AND MAINTENANCE TO NEW PRISON Bill No. 16 Paintwork REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON			
			R	

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

<u>PAINTWORK ETC TO NEW WORK</u>				
<u>ON FIBRE-CEMENT</u>				
<u>Prepare, stop and apply one coat alkali resistant primer, one coat universal undercoat and two full coats enamel paint to comply with SABS Specification No. 630 Type 2</u>				
1	On internal fibre-cement board ceilings and cornices including priming steel joints and nail heads with one coat zinc phosphate alkyd resin primer	m2	437	
<u>Prepare, stop and apply one coat alkali resistant primer and two full coats acrylic emulsion paint for exterior use</u>				
2	On external fibre-cement fascias and barge boards including priming metal cover strips and screw heads with one coat zinc phosphate alkyd resin primer	m2	267	
<u>PAINT ON METAL</u> <u>Prepare and apply two coats bitumen paint</u>				
3	On inside of 100 x 125mm galvanised sheet iron eaves gutter before fixing	m	1 748	
4	On cell doors	m2	16	
5	On cell security gate	m2	16	
<u>PAINT ON WOOD</u>				
<u>Prepare, stop and apply two full coats polyurethane clear eggshell varnish, lightly sanded down between coats</u>				
6	On batten doors (measured on flat)	m2	340	
7	On skirtings, rails, etc. not exceeding 300mm girth	m	31	
<u>Prepare and apply one coat wood primer, one coat universal undercoat and two full coats high gloss enamel paint</u>				
8	On general surfaces	m2	207	
Carried to Collection				R
Section No. 4 REPAIRS AND MAINTENANCE TO NEW PRISON Bill No. 16 Paintwork REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON				

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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

<u>Sand down, prepare, stop and apply three full coats PVA co-polymer paint to comply with SABS Specification No. 643</u>					
17	On internal plasterboard ceilings and cornices including priming steel joints and nail heads with one coat zinc phosphate alkyd resin primer	m2	1 819		
<u>ON FIBRE-CEMENT</u>					
<u>Sand down, prepare, stop and apply one coat alkali resistant primer, one coat universal undercoat and two full coats enamel paint to comply with SABS Specification No. 630 Type 2</u>					
18	On internal fibre-cement board ceilings and cornices including priming steel joints and nail heads with one coat zinc phosphate alkyd resin primer	m2	1 133		
<u>PAINT ON METAL</u>					
<u>Sand down, and apply rust remover, clean surface prepare, apply steel primer, one coat universal undercoat and two full coats high gloss enamel paint</u>					
19	On pressed steel door frames	m2	851		
20	On cell doors and frames	m2	1 211		
21	On windows (both sides measured)	m2	2 899		
22	On burglarproofing (both sides measured)	m2	17		
23	On cell security gate	m2	1 211		
24	On cell windows	m2	34		
25	Mesh burglar proofing	m2	2 060		
26	On cell barglaarproofing	m2	34		
27	On roller shutter door	m2	32		
Carried to Collection				R	
Section No. 4 REPAIRS AND MAINTENANCE TO NEW PRISON Bill No. 16 Paintwork REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON					

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

	<u>Sand down, prepare and apply one coat zinc phosphate alkyd resin primer, one coat universal undercoat and two full coats high gloss enamel paint</u>			
28	On bars, rods, etc. not exceeding 300mm girth	m	60	
	<u>Sand down prepare, remove rust stains, scrub with galvanised iron cleaner rinse with clean water, spot primed with factory primer and apply one coat universal undercoat and two full coats acrylic roof paint</u>			
29	On corrugated iron roof sheeting (measured on flat)	m2	15 115	
	<u>PAINT ON WOOD</u>			
	<u>Sand down prepare and apply one coat wood prime and apply approved aliphatic polyurethane Gloss floor varish to manufactures specification.</u>			
30	On doors	m2	204	
	<u>Sand down prepare and apply one coat wood prime and apply approved aliphatic polyurethane Gloss floor varish to manufactures specification.</u>			
31	On cupboards	m2	34	
	<u>Sand down prepare and apply one coat hardboard primer, one coat universal undercoat and two full coats high gloss enamel paint</u>			
32	On general surfaces	m2	98	
	<u>Sand down, prepare and apply one coat wood primer, one coat universal undercoat and two full coats high gloss enamel paint</u>			
33	On woodwork at eaves	m2	62	
Carried to Collection				R
Section No. 4 REPAIRS AND MAINTENANCE TO NEW PRISON Bill No. 16 Paintwork REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON				

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

<u>Precast concrete palisade fencing including site clearance and preparation of ground</u>				
13	Palisade fencing 2 400mm high formed of 140mm tapering to 80 x 225 x 3200mm long precast concrete intermediate posts at 2000mm centres cast into concrete bases (elsewhere); with 80 x 150 x 1980mm long precast concrete horizontal rails with ends grouted into mortices in intermediate or end posts and 100mm tapered to 80 x 80 x 2370mm long precast concrete vertical pales spaced at 200mm centres and bolted to horizontal rails at each intersection with and including all bolts, washers and epoxy grouting, all as details engineering drawing at back of this bills of quantities	m	3 200	
14	Cut 80 x 150mm precast concrete horizontal rail to length	No	266	
15	Extra over precast concrete palisade fencing for end post	No	106	
16	Extra over precast concrete palisade fencing for corner post	No	30	
<u>IRONMONGERY</u>				
<u>Bolts and latches</u>				
17	200mm Galvanized heavy duty barrel bolt welded onto gate style	No	7	
<u>Locks</u>				
18	63mm Brass five pin tumbler padlock with two keys	No	7	
<u>METALWORK</u>				
19	Single gate size 1,07 x 2,25m high formed of 50 x 50 x 5mm angle section framing all round neatly mitred and welded at angles and filled in with 40 x 40 x 3mm angle iron vertical pales with double pointed splayed head welded to framing at 155mm centres; including two hinges complete	No	5	
Carried to Collection				R
Section No. 5 BOUNDARY FENCING Bill No. 1 Palisade Fencing REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON				

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

20	Double gate size 4,07 x 2,25m high overall in two equal leaves each leaf formed of 50 x 50 x 5mm angle section framing all round neatly mitred and welded at angles and filled in with 40 x 40 x 3mm angle iron vertical pales with double pointed splayed head welded to framing at 155mm centres; including two hinges complete	No	2		
	<u>Security spikes</u>				
21	Cadmium plated steel security spikes fitted between top of post and vertical post as per manufacturer's instructions	m	3 200		
	<u>Sundries</u>				
22	Locking chain 500mm long with 50 x 35 x 10mm diameter shackles with one shackle welded to gate frame or gate post	No	7		
	<u>PAINT WORK Paint on metal</u>				
	<u>Prepare, touch up factory primer and apply one coat universal undercoat and two full coats high gloss enamel paint</u>				
23	On steel gates etc.(both sides measured)	m2	29		
Carried to Collection					R
Section No. 5 BOUNDARY FENCING Bill No. 1 Palisade Fencing REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON					

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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

SANS Pay Ref	Item No		Unit	Quantity	Rate	Amount
		<u>SECTION NO. 6</u>				
		<u>BILL NO. 1</u>				
		<u>WATER MAINS</u>				
SANS 1200		<u>EARTHWORKS (PIPE TRENCHES)</u>				
8.3.2PSDB3.1		<u>(a) Excavate in all materials for trenches, according to conventional methods, select material, backfill and compact to 90% Mod AASHTO density and dispose of surplus and unsuitable material. All haul shall be regarded as free haul</u>				
		<u>(i) For depths over and up to</u>				
	1	(1) 0 m - 1.5 m	m3	2 112		
		<u>(b) Extra-over item (a) above for:</u>				
	2	removal of concrete paving over pipe	m2	60		
	3	(2) Hard rock excavation	m3	30		
PSDB 8.3.4		<u>Particular items</u>				
		<u>(c) Soil cement material consisting of 100kg Portland cement per one cubic metre of approved material and compacted to 93% Mod. AASHTO density</u>				
	4	(i) Material from trench excavations	m3	5		
SANS 1200	5	(ii) Material from commercial sources	m3	5		
SANS 1200		<u>BEDDING</u>				
		Carried to Collection			R	
		Section No. 6 CIVIL INFRASTRUCTURE Bill No. 1 Water Main REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON				

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

"8.2.1PSLB 3.1"		<u>Provision of bedding from trench excavation within boundaries of SAPS site</u>				
	6	(a) Selected granular material 100 mm thick under pipe	m3	10		
	7	(b) Selected fill material (blanket 300 mm above pipe)	m	5		
8.2.2		<u>Supply only of bedding by importation</u>				
		<u>From commercial sources</u>				
	8	(a) Selected granular material 100 mm thick under pipe	m3	200		
	9	(b) Selected granular material (blanket 300mm above pipe)	m3	560		
SANS 1200		<u>PIPEWORK</u>				
SANS 1200		<u>uPVC pipes Class 9: Supply, handle, lay and bed. Joint with couplings, test and disinfect</u>				
SANS 1200	10	(a) 110 mm diam.	m	2 850		
		<u>Bends uPVC Class 9. Plain-ended pipes including all couplings</u>				
		11.25 degrees				
	11	(a) 110 mm diam.	No	12		
		22.5 degrees				
	12	(a) 110 mm diam.	No	8		
		45 degrees				
	13	(a) 110mm diam	No	12		
		90 degrees				
		Carried to Collection			R	
		Section No. 6 CIVIL INFRASTRUCTURE Bill No. 1 Water Main REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON				

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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

SANS Pay Ref	Item No		Unit	Quantity	Rate	Amount
SANS 1200 PSD 3.1		<u>SECTION NO. 6</u>				
		<u>BILL NO. 2</u>				
		<u>STORMWATER DRAINAGE & CONCRETE PAVING</u>				
		<u>EARTHWORKS</u>				
		<u>Excavation (pipe, channels & paving)</u>				
		(a) Excavate in all materials for trenches, backfill, compact to 90% Mod AASHTO density and dispose of surplus or unsuitable material. All haul shall be regarded as freehaul				
		(i) For depths over and up to				
	1	(1) 0,0 m - 2,5 m	m3	200		
	2	(2) 2,5 m - 4,0 m	m3	80		
	3	(3) 0,3m for concrete paving & road	m3	70		
"8.2.1PSLB 3.1"		<u>(b) Extra over item (a) above for:</u>				
	4	Removal existing concrete channels	m3	950		
		<u>BEDDING (PIPES & CHANNELS)</u>				
		<u>Provision of bedding from trench excavation</u>				
	5	(a) Selected granular material 200 mm thick under pipe or channel	m3	188		
	6	(b) Selected fill material (blanket 300 mm above pipe)	m3	75		
		Carried to Collection			R	
		Section No. 6 CIVIL INFRASTRUCTURE Bill No. 2 Stormwater and Paving REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON				

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

8.2.2		<u>Supply only of bedding by importation</u>				
8.2.2.2		<u>From commercial sources</u>				
	7	(a) Selected granular material 200 mm thick under pipe or channel	m3	25		
	8	(b) Selected fill material (blanket 300 mm above pipe)	m3	25		
PSDB 8.3.4		<u>(c) Soil cement material consisting of 100kg portland cement per one (1) cubic metre of approved material and compacted to 93% Mod. AASHTO density</u>				
	9	(i) Material from trench excavations	m3	10		
SANS 1200	10	(ii) Material from commercial sources	m3	5		
SANS 1200		<u>STORMWATER DRAINAGE</u>				
8.2.1		<u>Supply and lay reinforced concrete pipes with ogee joints on a Class B bedding including cutting of pipes</u>				
		<u>Class 100D</u>				
	11	450mm dia.	m	120		
	12	550mm dia.	m	10		
"8.2.8PSLE 8.2.8"		<u>JUNCTION/INLET BOXES (See drawings)</u>				
	13	Brick inlet/junction boxes 600 x 600 up to depth of 1.5m	No	5		
		<u>CONCRETE CHANNELS/APRONS</u>				
	14	Concrete 25MPa channels 100 thick and 600mm wide on slope as indicated	m	950		
		Carried to Collection				
		Section No. 6 CIVIL INFRASTRUCTURE Bill No. 2 Stormwater and Paving REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON				

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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

SANS Pay Ref	Item No		Unit	Quantity	Rate	Amount
SANS 1200 "8.3.2PSD 3.1"		<u>SECTION NO. 6</u>				
		<u>BILL NO. 3</u>				
		<u>WASTE WATER DRAINAGE</u>				
		<u>EARTHWORKS (PIPE TRENCHES)</u>				
		<u>(a) Excavate in all materials for trenches, backfill and compact to 90% Mod AASHTO density and dispose of surplus and unsuitable material. All haul shall be regarded as free haul</u>				
		(i) For depths over and up to				
	1	(1) 0.0 m - 2.5 m	m3	3 676		
	2	(2) 2.5 m - 3.0 m	m3	76		
		(b) Extra over item (a) above for:				
	3	(2) Removal of concrete surface bed and replace with 150mm 15MPa concrete in ducts	m2	520		
PSDB 8.3.4		Particular items				
		<u>(c) Soil cement material consisting of 100kg Portland cement per one (1) cubic metre of approved material and compacted to 93% Mod. AASHTO density</u>				
	4	(i) Material from trench excavations	m3	12		
SANS 1200	5	(ii) Material from commercial sources	m3	14		
Carried to Collection						R
Section No. 6 CIVIL INFRASTRUCTURE Bill No. 3 Sewer REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON						

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

SANS 1200		<u>BEDDING</u>				
"8.2.1PSLB 3.1"		Provision of bedding from trench excavation within boundaries of township				
	6	(a) Selected granular material 100mm thick under pipe	m3	20		
SANS 1200	7	(b) Selected fill material (blanket 300 mm above pipe)	m3	40		
8.2.2		<u>Supply only of bedding by importation</u> From commercial sources				
	8	(a) Selected granular material 100mm thick under pipe	m3	208		
SANS 1200	9	(b) Selected fill material (blanket 300 mm above pipe)	m3	609		
SANS 1200		<u>PIPEWORK</u>				
8.2.1		<u>Supply, lay, joint, bed and test "Marley Twinwall Heavy Duty (400 kPa hoop stiffness) " sewer pipes on Class B bedding</u>				
	10	(a) 110 mm diam.	m	1 958		
	11	(b) 160 mm diam.	m	582		
8.2.3		<u>MANHOLES, ETC</u>				
		Carried to Collection			R	
		Section No. 6 CIVIL INFRASTRUCTURE Bill No. 3 Sewer REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON				

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

		<u>Supply construct 1000 mm diam. chamber precast manholes complete with step irons, Concrete Heavy duty cover and frame according to the drawings for depths</u>				
		over and up to				
12	(a) 1.0 m - 1.5 m	No	18			
13	(b) 1.5 m - 2.0 m	No	7			
14	(c) 2.0 m - 2.5 m	No	4			
15	(d) 2.5 m - 3.5 m	No	2			
		<u>UNBLOCKING OF SEWERS</u>				
16	Unblocking of existing sewers	m	350			
17	Replace existing pipes with uPVC class 9 pressure pipes including connection to pumps and laying in same position	m	125			
		<u>MAINTENANCE SEWER TREATMENT WORKS</u>				
18	Replace existing sewer pumps with similar including pipe- and power connections as per Gozone or similar approved supplier	No	10.00			
19	Provide & replace existing steel connection pipes with nominal diameter 100mm including bolted flange coupling	m	80			
20	Bends 90°	No	10			
21	Bends 45°	No	5			
		Carried to Collection			R	
	Section No. 6 CIVIL INFRASTRUCTURE Bill No. 3 Sewer REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON					

REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON

Section No. 6 CIVIL INFRASTRUCTURE Bill No. 3 Sewer <u>COLLECTION</u>	Page No	Amount
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Carried Forward to Summary of Section No. 6		R
Section No. 6 CIVIL INFRASTRUCTURE Bill No. 3 Sewer REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON		

REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON

Section No. 6				
CIVIL INFRASTRUCTURE				
SECTION SUMMARY - CIVIL INFRASTRUCTURE				
Bill No		Page No		Amount
1	Water Main	246		
2	Stormwater and Paving	250		
3	Sewer	254		
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Section No. 6				
CIVIL INFRASTRUCTURE				
REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR				
WITBANK PRISON				

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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

<u>DRAWINGS</u>				
5	Making reference, to other relevant drawings e.g. Civil, Structural, Architectural Electrical and Mechanical as well as any existing services etc.		SUM	
<u>EXTRACTS FROM THE PRINCIPAL CONTRACTOR</u>				
6	Allowance for any costs associated with the requirements of the Principal Contractor Principal Contract preliminaries which may affect the selected sub-contract.		SUM	
<u>ADDITIONAL</u>				
7	Allow for the following additional item(s): Training of appointed End-user client staff regarding the operation of specialised material or equipment, Fixed Automatic Sprinklers, Smoke Ventilators, etc. as applicable.		SUM	
<u>OTHER NECESSARY WORKS</u>				
8	All other works necessary to complete the installation in a satisfactory and quality manner, and in accordance with the drawings, specifications, NBRs or The Application of National Building Regulations and the Local Authorities requirements, and to the Engineers satisfaction to include for items specified or shown but not itemised in this bill.		SUM	
<u>Other</u>				
Any other items required for the successful completion of the work but not included in this bill of quantities.				
9	Please specify:		SUM	
10	Please specify:		SUM	
11	Please specify:		SUM	
Carried to Collection			R	
Section No. 7 FIRE INSTALLATION Bill No. 1 Preliminaries REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON				

REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON

[illegible]

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 7</u> <u>BILL NO. 2</u> <u>CONVENTIONAL FIRE SYSTEMS</u> <u>PREAMBLES</u> For Preambles see "Specification of Material and Method to be used PW371" <u>SUPPLEMENTARY PREAMBLES</u> For preambles see "Standard Preambles for All Trades " and applicable Department's Supplementary Preambles as specified in the Trades. These apply to all work described in this document. Tenderers are therefore referred to these documents for the full meaning and intention of all descriptions and no claims of any kind whatsoever will entertained in this regard. These bills of quantities form part of and must be read in conjunction with the Technical Specifications, Drawings, and the SAPS 5 Star Specification for Cells which contain the Department's full descriptions of the work to be done and material and equipment to be used. All materials, equipment, fixings, brackets, etc, are to be supplied by the Contractor unless otherwise stated. <u>NEW PRISON</u> <u>FIRE FIGHTING EQUIPMENT</u> <u>FIRE HYDRANTS</u> <u>Suction Hydrant</u>			
1	Supply and install Right Angle Tamperproof Hydrant with 100mm Storz Outlet and 100mm Female BSP Inlet. (Installation downstream of water meter connection).	No	1	
	Carried to Collection			R
	Section No. 7 FIRE INSTALLATION Bill No. 2 Conventional Fire Systems REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON			

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

<u>Gate valve / Backflow Preventer</u>				
2	Supply and install 100mm Resilient Seal Non-rising spindle Gate Valve (flanged both sides) upstream of a 100mm Cast Iron Wafer Check Valve with Ductile Iron or 316 Stainless Steel Double Doors and EPDM Seal. This valve assembly to be encased in a medium grade 600mm x 480mm manhole with frame for access for maintenance.	Sets	1.0	
<u>Twin Fire Brigade Booster Connection</u>				
3	Supply and install Two-Port Booster with 65mm Brass Booster Connectors and a Pressure Gauge and 100mm T/16 Inlet encased in a steel cover with front open. Pressure gauge Dial to read up to 2500kPa. (Installed downstream of Item Above).	No	1	
4	Supply and install 80mm x 65mm Cast Iron Right Angle Tamper proof Hydrant with Single Lug Instantaneous Outlet and 80mm Male BSP Inlet.	No	15	
<u>FIRE HOSE REELS</u>				
5	Supply and install 30 Metre Hose Reel complete with 25mm Chromium plated Shut-off valve, Aluminium Nozzle, Hose Guide and angle iron fixing bracket.	No	24	
<u>PORTABLE FIRE EXTINGUISHERS</u>				
6	Supply and install 4.5kg Dry Chemical Powder (DCP) Type portable fire extinguisher complete with steel mounting bracket and 100mm W x 600mm L polished & varnished Meranti Hardwood Backing board plugged in wall behind.	No	20	
7	Supply and install 5.0kg Carbon Dioxide (CO2) Type portable fire extinguisher complete with steel mounting bracket and 100mm W x 600mm L polished & varnished Meranti Hardwood Backing board plugged in wall behind.	No	5	
Carried to Collection				R
Section No. 7 FIRE INSTALLATION Bill No. 2 Conventional Fire Systems REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON				

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

<u>STATUTORY SIGNAGE</u>				
8	Photoluminescent signage and warning notices in accordance with SANS 1186 Parts 1 & 5 incorporating the pictographs in the standard 290mm x 290mm module size encased in Aluminium metal frames with chamfered edges mechanically and securely fixed to walls or roof slabs. Strictly no double sided tape or silicone sealing of statutory signage is allowed.	No	150	
<u>RECONDITIONING, SERVICING AND MAINTENANCE</u>				
9	Allow for servicing of existing fire hose reels in accordance with the requirements of SANS 1475 Part 2:2010.	No	12	
10	Allow for servicing of existing raised fire hydrants in accordance with the requirements of with SANS 1475 Part 2:2010.	No	6	
11	Allow for servicing and / or overhaul of existing portable fire extinguishers in accordance with the requirements of SANS 1475 Part 1:2010.	No	30	
<u>FIRE-WATER NETWORK INVESTIGATION</u>				
12	Allow for the inspection, investigating and detection of existing piping water reticulation with a view to separating the Domestic Water Supplies from the proposed dedicated Fire-Water Supplies.			SUM
13	Allow for the cutting into existing, tying and connecting into new dedicated Fire-Water piping reticulation to fire-water appliances.			SUM
<u>PIPING RETICULATION</u>				
All rates supplied in this bill of quantities will be deemed to include scaffolding to any height and fixing piping up to roof height.				
All piping rates supplied shall include couplings, bends, tees, sockets, pipe supports, anchors, along the running length and backfilling and compaction where pipes are laid in the ground.				
Carried to Collection				R
Section No. 7 FIRE INSTALLATION Bill No. 2 Conventional Fire Systems REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON				

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

	All pipes suspended from concrete slabs, roof, ceiling, etc, shall be deemed to include in the rates all necessary hanger brackets, threaded rods (irrespective of the suspension length), nuts, washers, anchors and drilling of holes in the concrete slab. All pipes are generally to be concealed inside ducts, ceiling voids except where it is necessary to feed an appliance and fixed with standard type pipe supports and brackets spaced at intervals strictly as per manufacturer's recommendations. <u>ABOVE GROUND PIPING</u> <u>Galvanised Steel Pipework and Fittings</u> All above-ground firewater pipes shall be Medium Grade Galvanised Steel to SANS 62 Part 1 for nominal sizes from 25mm up to and including 150mm above which pipes shall be Heavy Grade Galvanised Steel to SANS 719. All pipes and fittings shall be installed strictly in accordance with the manufacturer's specifications, and recommendations. Pipes shall be colour coded in accordance with the requirements of SANS 10140 Identification Colour Marking - Part 3: 2017 Contents of Pipelines or similar approved in close consultation with the engineer. <u>Heavy Grade Steel Pipes</u>				
14	200mm diameter pipes	m	20		
	<u>Medium Grade Steel Pipes</u>				
15	150mm diameter pipes	m	30		
16	100mm diameter pipes	m	265		
17	80mm diameter pipes	m	15		
18	65mm diameter pipes	m	15		
	Carried to Collection			R	
	Section No. 7 FIRE INSTALLATION Bill No. 2 Conventional Fire Systems REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON				

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

19	50mm diameter pipes	m	32		
20	40mm diameter pipes	m	10		
21	32mm diameter pipes	m	20		
22	25mm diameter pipes	m	40		
<u>BELOW GROUND PIPING</u>					
<u>High Pressure uPVC Class 16 pipes and fittings to SANS 966 Part 1: 2019 suitable for below - ground applications for the conveyance of portable water in reticulation systems in which continuous temperatures in excess of 25°C are not encountered</u>					
23	200mm diameter high pressure pipe laid in ground not exceeding 1000mm deep.	m	30		
24	160mm diameter high pressure pipe laid in ground not exceeding 1000mm deep.	m	125		
25	110mm diameter high pressure pipe laid in ground not exceeding 1000mm deep.	m	265		
26	90mm diameter high pressure pipe laid in ground not exceeding 1000mm deep.	m	25		
27	75mm diameter high pressure pipe laid in ground not exceeding 1000mm deep.	m	20		
28	50mm diameter high pressure pipe laid in ground not exceeding 1000mm deep.	m	30		
29	40mm diameter high pressure pipe laid in ground not exceeding 1000mm deep.	m	15		
30	32mm diameter high pressure pipe laid in ground not exceeding 1000mm deep.	m	20		
<u>Other</u>					
Any other items required for the successful completion of the work but not included in this bill of quantities.					
Carried to Collection				R	
Section No. 7 FIRE INSTALLATION Bill No. 2 Conventional Fire Systems REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON					

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

31	Please specify:			SUM	
32	Please specify:			SUM	
33	Please specify:			SUM	
<u>OLD PRISON</u>					
<u>FIRE FIGHTING EQUIPMENT</u>					
<u>FIRE HYDRANTS</u>					
34	Supply and install 80mm x 65mm Cast Iron Right Angle Tamperproof Hydrant with Single Lug Instantaneous Outlet and 80mm Male BSP Inlet.	No	15		
<u>FIRE HOSE REELS</u>					
35	Supply and install 30 Metre Hose Reel complete with 25mm Chromium plated Shut-off valve, Aluminium Nozzle, Hose Guide and angle iron fixing bracket.	No	24		
<u>PORTABLE FIRE EXTINGUISHERS</u>					
36	Supply and install 4.5kg Dry Chemical Powder (DCP) Type portable fire extinguisher complete with steel mounting bracket and 100mm W x 600mm L polished & varnished Meranti Hardwood Backing board plugged in wall behind.	No	20		
37	Supply and install 5.0kg Carbon Dioxide (CO2) Type portable fire extinguisher complete with steel mounting bracket and 100mm W x 600mm L polished & varnished Meranti Hardwood Backing board plugged in wall behind.	No	5		
<u>STATUTORY SIGNAGE</u>					
38	Photoluminescent signage and warning notices in accordance with SANS 1186 Parts 1 & 5 incorporating the pictographs in the standard 290mm x 290mm module size encased in Aluminium metal frames with chamfered edges mechanically and securely fixed to walls or roof slabs. Strictly no double sided tape or silicone sealing of statutory signage is allowed.	No	150		
Carried to Collection				R	
Section No. 7 FIRE INSTALLATION Bill No. 2 Conventional Fire Systems REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON					

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

<u>RECONDITIONING, SERVICING AND MAINTENANCE</u>			
39	Allow for servicing of existing fire hose reels in accordance with the requirements of SANS 1475 Part 2:2010.	No	12
40	Allow for servicing of existing raised fire hydrants in accordance with the requirements of with SANS 1475 Part 2:2010.	No	6
41	Allow for servicing and / or overhaul of existing portable fire extinguishers in accordance with the requirements of SANS 1475 Part 1:2010.	No	30
<u>FIRE-WATER NETWORK INVESTIGATION</u>			
42	Allow for the inspection, investigating and detection of existing piping water reticulation with a view to separating the Domestic Water Supplies from the proposed dedicated Fire-Water Supplies.		SUM
43	Allow for the cutting into existing, tying and connecting into new dedicated Fire-Water piping reticulation to fire-water appliances.		SUM
<u>PIPING RETICULATION</u>			
All rates supplied in this bill of quantities will be deemed to include scaffolding to any height and fixing piping up to roof height.			
All piping rates supplied shall include couplings, bends, tees, sockets, pipe supports, anchors, along the running length and backfilling and compaction where pipes are laid in the ground.			
All pipes suspended from concrete slabs, roof, ceiling, etc, shall be deemed to include in the rates all necessary hanger brackets, threaded rods (irrespective of the suspension length), nuts, washers, anchors and drilling of holes in the concrete slab.			
Carried to Collection			R
Section No. 7 FIRE INSTALLATION Bill No. 2 Conventional Fire Systems REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON			

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

All pipes are generally to be concealed inside ducts, ceiling voids except where it is necessary to feed an appliance and fixed with standard type pipe supports and brackets spaced at intervals strictly as per manufacturer's recommendations.

ABOVE GROUND PIPING

Galvanised Steel Pipework and Fittings

All above-ground firewater pipes shall be Medium Grade Galvanised Steel to SANS 62 Part 1 for nominal sizes from 25mm up to and including 150mm above which pipes shall be Heavy Grade Galvanised Steel to SANS 719.

All pipes and fittings shall be installed strictly in accordance with the manufacturer's specifications, and recommendations.

Pipes shall be colour coded in accordance with the requirements of SANS 10140 Identification Colour Marking - Part 3: 2017 Contents of Pipelines or similar approved in close consultation with the engineer.

Heavy Grade Steel Pipes

44	200mm diameter pipes	m	20
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Medium Grade Steel Pipes

45	150mm diameter pipes	m	30
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46	100mm diameter pipes	m	265
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47	80mm diameter pipes	m	15
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48	65mm diameter pipes	m	15
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49	50mm diameter pipes	m	32
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50	40mm diameter pipes	m	10
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51	32mm diameter pipes	m	20
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Carried to Collection

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Section No. 7

FIRE INSTALLATION

Bill No. 2

Conventional Fire Systems

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR
WITBANK PRISON**

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

52	25mm diameter pipes	m	40		
	<u>BELOW GROUND PIPING</u>				
	<u>High Pressure uPVC Class 16 pipes and fittings to SANS 966 Part 1: 2019 suitable for below - ground applications for the conveyance of portable water in reticulation systems in which continuous temperatures in excess of 25°C are not encountered</u>				
53	200mm diameter high pressure pipe laid in ground not exceeding 1000mm deep.	m	30		
54	160mm diameter high pressure pipe laid in ground not exceeding 1000mm deep.	m	125		
55	110mm diameter high pressure pipe laid in ground not exceeding 1000mm deep.	m	265		
56	90mm diameter high pressure pipe laid in ground not exceeding 1000mm deep.	m	25		
57	75mm diameter high pressure pipe laid in ground not exceeding 1000mm deep.	m	20		
58	50mm diameter high pressure pipe laid in ground not exceeding 1000mm deep.	m	30		
59	40mm diameter high pressure pipe laid in ground not exceeding 1000mm deep.	m	15		
60	32mm diameter high pressure pipe laid in ground not exceeding 1000mm deep.	m	20		
	<u>Other</u>				
	Any other items required for the successful completion of the work but not included in this bill of quantities.				
61	Please specify:			SUM	
62	Please specify:			SUM	
63	Please specify:			SUM	
	Carried to Collection			R	
	Section No. 7 FIRE INSTALLATION Bill No. 2 Conventional Fire Systems REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON				

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

<u>OLD PRISON</u>				
<u>FIRE FIGHTING EQUIPMENT</u>				
<u>FIRE HYDRANTS</u>				
64	Supply and install 80mm x 65mm Cast Iron Right Angle Tamperproof Hydrant with Single Lug Instantaneous Outlet and 80mm Male BSP Inlet.	No	15	
<u>FIRE HOSE REELS</u>				
65	Supply and install 30 Metre Hose Reel complete with 25mm Chromium plated Shut-off valve, Aluminium Nozzle, Hose Guide and angle iron fixing bracket.	No	24	
<u>PORTABLE FIRE EXTINGUISHERS</u>				
66	Supply and install 4.5kg Dry Chemical Powder (DCP) Type portable fire extinguisher complete with steel mounting bracket and 100mm W x 600mm L polished & varnished Meranti Hardwood Backing board plugged in wall behind.	No	20	
67	Supply and install 5.0kg Carbon Dioxide (CO2) Type portable fire extinguisher complete with steel mounting bracket and 100mm W x 600mm L polished & varnished Meranti Hardwood Backing board plugged in wall behind.	No	5	
<u>STATUTORY SIGNAGE</u>				
68	Photoluminescent signage and warning notices in accordance with SANS 1186 Parts 1 & 5 incorporating the pictographs in the standard 290mm x 290mm module size encased in Aluminium metal frames with chamfered edges mechanically and securely fixed to walls or roof slabs. Strictly no double sided tape or silicone sealing of statutory signage is allowed.	No	150	
<u>RECONDITIONING, SERVICING AND MAINTENANCE</u>				
69	Allow for servicing of existing fire hose reels in accordance with the requirements of SANS 1475 Part 2:2010.	No	12	
Carried to Collection				R
Section No. 7 FIRE INSTALLATION Bill No. 2 Conventional Fire Systems REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON				

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

70	Allow for servicing of existing raised fire hydrants in accordance with the requirements of with SANS 1475 Part 2:2010.	No	6		
71	Allow for servicing and / or overhaul of existing portable fire extinguishers in accordance with the requirements of SANS 1475 Part 1:2010.	No	30		
<u>FIRE-WATER NETWORK INVESTIGATION</u>					
72	Allow for the inspection, investigating and detection of existing piping water reticulation with a view to separating the Domestic Water Supplies from the proposed dedicated Fire-Water Supplies.			SUM	
73	Allow for the cutting into existing, tying and connecting into new dedicated Fire-Water piping reticulation to fire-water appliances.			SUM	
<u>PIPING RETICULATION</u>					
All rates supplied in this bill of quantities will be deemed to include scaffolding to any height and fixing piping up to roof height.					
All piping rates supplied shall include couplings, bends, tees, sockets, pipe supports, anchors, along the running length and backfilling and compaction where pipes are laid in the ground.					
All pipes suspended from concrete slabs, roof, ceiling, etc, shall be deemed to include in the rates all necessary hanger brackets, threaded rods (irrespective of the suspension length), nuts, washers, anchors and drilling of holes in the concrete slab.					
All pipes are generally to be concealed inside ducts, ceiling voids except where it is necessary to feed an appliance and fixed with standard type pipe supports and brackets spaced at intervals strictly as per manufacturer's recommendations.					
<u>ABOVE GROUND PIPING</u>					
Carried to Collection				R	
Section No. 7 FIRE INSTALLATION Bill No. 2 Conventional Fire Systems REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON					

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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

	<u>High Pressure uPVC Class 16 pipes and fittings to SANS 966 Part 1: 2019 suitable for below - ground applications for the conveyance of portable water in reticulation systems in which continuous temperatures in excess of 25°C are not encountered</u>				
83	200mm diameter high pressure pipe laid in ground not exceeding 1000mm deep.	m	30		
84	160mm diameter high pressure pipe laid in ground not exceeding 1000mm deep.	m	125		
85	110mm diameter high pressure pipe laid in ground not exceeding 1000mm deep.	m	265		
86	90mm diameter high pressure pipe laid in ground not exceeding 1000mm deep.	m	25		
87	75mm diameter high pressure pipe laid in ground not exceeding 1000mm deep.	m	20		
88	50mm diameter high pressure pipe laid in ground not exceeding 1000mm deep.	m	30		
89	40mm diameter high pressure pipe laid in ground not exceeding 1000mm deep.	m	15		
90	32mm diameter high pressure pipe laid in ground not exceeding 1000mm deep.	m	20		
	<u>Other</u>				
	Any other items required for the successful completion of the work but not included in this bill of quantities.				
91	Please specify:			SUM	
92	Please specify:			SUM	
93	Please specify:			SUM	
	Carried to Collection			R	
	Section No. 7 FIRE INSTALLATION Bill No. 2 Conventional Fire Systems REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON				

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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

3	Allow for the mandatory routine checks and servicing to full functional order (to Original Equipment Supplier specifications) of the Sprinkler System Electric Jockey Pump.			SUM	
<u>EXISTING SPRINKLER RETICULATION</u>					
4	Allow for the stripping out and testing for integrity of 10 sprinkler heads.			SUM	
5	Allow for the cutting of 1 metre length of different sizes of sprinkler distribution and range pipes and submit to Firelab at CSIR Pretoria for integrity testing.			SUM	
<u>NEW AND ADDITIONAL SPRINKLER HEADS</u>					
6	Supply and install, 68C rated ceiling pendent sprinkler heads complete with rosettes.	No	400		
7	Allow for the supply and installation of void sprinkler heads not yet defined.	No	150		
<u>NEW AND ADDITIONAL SPRINKLER PIPING</u>					
<u>All sprinkler piping shall be medium grade black steel piping to SANS 62-1 or BS1387, and the rates supplied herein shall include all pipe supports, sockets, nipples, flexible connections and all fittings along the running length.</u>					
8	25mm dia.	m	120		
9	32mm dia.	m	60		
10	40mm dia.	m			
11	50mm dia.	m	100		
12	80mm dia.	m	35		
13	100mm dia.	m	25		
<u>REMOTE TEST VALVES</u>					
14	Allow for the installation of remote test valves in zones	No	3		
Carried to Collection				R	
Section No. 7 FIRE INSTALLATION Bill No. 3 Specialist Fire Systems REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON					

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

<u>SPRINKLER INSTALLATION CONTROL VALVES</u>					
15	Allow for the servicing and refurbishment of sprinkler installation control valves.	No	4		
<u>FIRE HYDRANT AND DOMESTIC WATER BOOTING SYSTEM</u>					
<u>EXISTING MANUALLY OPERATED SMOKE VENTILATORS</u>					
16	Allow for the installation of a combined Domestic and Fire Hydrants and Hose reels variable speed duty and standby electric pump set capable of supplying a maximum flow rate of 41.5 litres per second at a maximum pressure of 600kPa.			SUM	
<u>RECONFIGURATION OF PIPING</u>					
17	Allow for the reconfiguration of piping to ensure dedicated pumped supply outlets for Domestic and Fire Water.			SUM	
<u>SMOKE VENTILATION SYSTEMS</u>					
<u>EXISTING MANUALLY OPERATED SMOKE VENTILATORS</u>					
18	Allow for the careful stripping out of all existing roof mounted smoke ventilators and placing them in a safe and secure place on site for disposal as scrap following the direction of the Department's Authority.			SUM	
<u>NEW SMOKE VENTILATORS</u>					
19	Allow for the supply and installation of EN1201 compliant electro mechanically operated roof slope mounted heat and smoke exhaust Chromadek ventilators complete with 24V DC electromechanical operating system with an override fusible link, complete with dust seals, burglar bars, rain guards and bird guards if required.	No	40		
Carried to Collection				R	
Section No. 7 FIRE INSTALLATION Bill No. 3 Specialist Fire Systems REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON					

REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON

<u>SPECIALIST FIRE INSTALLATION SYSTEMS</u>				
<u>TESTING AND COMMISSIONING</u>				
20	Allow for the systems integration and testing and commissioning of the specialist Fire Installations.		SUM	
<u>Other</u>				
Any other items required for the successful completion of the work but not included in this bill of quantities.				
21	Please specify:		SUM	
22	Please specify:		SUM	
23	Please specify:		SUM	
Carried to Collection			R	
Section No. 7 FIRE INSTALLATION Bill No. 3 Specialist Fire Systems REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON				

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REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON

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**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 8</u>			
	<u>BILL NO.1</u>			
	<u>EMPLOYMENT AND TRAINING OF LABOUR ON THE EPWP-NYS INFRASTRUCTURE PROJECTS</u>			
	<u>PREAMBLES</u>			
	<u>Preamble</u>			
	Tenderers are advised to study the Additional Specification SL: Employment and Training of Labour on the Expanded Public Work Programme (EPWP) Infrastructure Project; National Youth Service; as bound elsewhere in the Bills of Quantities, and then price this document accordingly			
	<u>TRAINING OF YOUTH WORKERS</u>			
	(TARGET : 109 YOUTH WORKERS)			
	<u>Orientation, life skills development and technical training</u>			
1	Orientation and life skills development training for youth worker for an average of 10 day per youth work (ref SL 11.01.01)	Item		217 106.71
2	Technical skills training for youth worker for an average of 90 days per youth worker (ref. SL 11.01.02)	Item		1 845 407.02
3	Provide Medical Surveillance	Item		54 276.68
	<u>The above items are only applicable if DoL / NYDA do not fund the specific training</u>			
4	Payment Reduction <i>due to not meeting the training target as in (SL 11.03)</i>	W/DAY	-2 500	
	Carried to Collection			R
	Section No. 8 EXPANDED PUBLIC WORK PROGRAMME Bill No. 1 Expanded Public Work Programme REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON			

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

5	Profit and attendance on condition that services and cost has been incurred above (on item 1 and 2 above)		%	
	<u>TRAVELING DURING OFF SITE TRAINING</u>			
6	.01. Traveling (base on R 30.00 per day return trip/youth worker)	Item		573 161.71
7	.02. Profit and attendance on condition that services and cost has been incurred (on item. 01 above)		%	
	<u>EMPLOYMENT OF YOUTH WORKERS</u>			
8	Employment of Youth Worker			
	The unit of measurement shall be the number of youth workers at the labour rate of R 92.00 per day on Training as per EPWP Ministerial Determination multiplied by the period employed in months and the rate tendered shall include full compensation for all costs associated with the employment of youth workers and for complying with the conditions of contract. The cost for the training shall be excluded from this item. This item is based on 9 months appointment for youth workers	Item		1 977 407.90
9	Profit and attendance on condition that services and cost has been incurred (Ref SL 11.04.02)		%	
	<u>PROVISION OF EPWP DESIGNED OVERALLS AND HARD HATS TO YOUTH WORKERS</u>			
10	Supply EPWP branded 2 x overalls, safety boots and 1 x EPWP branded hard hat to youth workers (ref. SL 11.05.01)	Item		162 830.03
11	Profit and attendance on condition that services and cost has been incurred (ref. SL 11.05.02)		%	
Carried to Collection			R	
Section No. 8 EXPANDED PUBLIC WORK PROGRAMME Bill No. 1 Expanded Public Work Programme REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON				

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

<u>PROVISION OF BASIC TOOLS FOR YOUTH WORKERS</u>				
12	Provide all youth workers with prescribed tools for their respective trades. Specification for the mentioned tools to be provided by the Service Provider. These tools will become the property of the youth workers after the completion of the programme (ref. SL 11.06.01)	Item		195 396.04
13	Profit and attendance on condition that services and cost has been incurred (ref. SL 11.06.02)		%	
<u>APPOINTMENT OF YOUTH TRAINING COORDINATOR (TEAM LEADER/S)</u>				
14	Appointment of Youth Team Leader/s for the duration of the contract (ref SL 11.07.01)	Item		99 000.00
<u>LIAISON WITH SERVICE PROVIDER</u>				
15	<u>Liaison with Service Provider (ref. SL 11.08)</u>	Hrs	100	
<u>LOGISTICS FOR EXIT WORKSHOPS</u>				
16	Provide logistic items for exit workshop (Catering, Orange Golf T-Shirts, Venue Hire and Sound System)	Item		21 040.00
Carried to Collection				
Section No. 8			R	
EXPANDED PUBLIC WORK PROGRAMME				
Bill No. 1				
Expanded Public Work Programme				
REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR				
WITBANK PRISON				

REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON

Section No. 8 EXPANDED PUBLIC WORK PROGRAMME Bill No. 1 Expanded Public Work Programme <u>COLLECTION</u> Total Brought Forward from Page No.	Page No	Amount	
	279		
	280		
	281		
Carried to Final Summary			
Section No. 8 EXPANDED PUBLIC WORK PROGRAMME Bill No. 1 Expanded Public Work Programme REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON		R	

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 9</u>			
	<u>BILL NO.1</u>			
	<u>COVID-19 OCCUPATIONAL HEALTH AND SAFETY</u>			
	<u>OHS Act and Construction Regulations (2014)</u>			
1	Preparation of Contractor's Site Health and Safety Plan (Once off for the duration of contract)		SUM	
2	Review of OHS Plan for each assignment. Rate to include for risk assessment specific to the Covid-19 Epidemic and other adjustments to ensure compliance for the assignment		SUM	
3	Principal Contractor's Fixed Cost obligation in respect of the OHS Act and Construction Regulations Signage - COVID-19 Related		SUM	
	<u>Principal Contractor's time related obligation in respect of the OHS Act and Construction Regulations</u>			
	<u>Provision for Personal Protective Equipment & Protective Clothing:</u>			
4	i) Including but not restricted to reflective vests	No 100		
5	ii) Including but not restricted to reflective bibs	No 100		
6	iii) Including but not restricted to hard hats	No 100		
7	iv) Including but not restricted to protective footwear	No 100		
8	v) Including but not restricted to earplugs	No 10 000		
9	vi) Including but not restricted to dust masks	No 10 000		
	Carried to Collection		R	
	Section No. 9 COVID OCCUPATIONAL HEALTH AND SAFETY Bill No. 1 Covid Occupational Health and Safety REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON			

**REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON**

10	vii) Face Mask for COVID-19 (respiratory protection as required)	No	3 000		
11	viii) Surgical Gloves (for security and cleaning team)	No	7 920		
12	ix) Safety goggles for screening person	No	15		
13	x) Provision for full time construction Health & Safety Officer	No	24		
<u>Costs for medical certificate and Medical Surveillance</u>					
14	i) Initial (baseline) medical examinations Screenings for employees with COVID-19 symptoms	No	100		
15	ii) Exit examinations	No	100		
16	iii) Re-induction training for COVID-19			SUM	
17	iv) Provision of First Aid Boxes	No	10		
18	v) Non contact thermometers	No	20		
<u>Fixed-Charge items</u>					
19	Contractual requirements			SUM	
20	Facilities for contractors including offices, storage sheds, workshops, laboratories, living accommodation, ablution latrine facilities, tools and equipment, water supplies, electric power, communications, setting out of Works, security and dealing with water, traffic and access. Made COVID-19 Safe			SUM	
<u>Other fixed-charge obligations for COVID-19</u>					
21	Hand Sanitiser - 500ml	No	800		
22	Cleaning and detergents for cleaning everyday	No	800		
23	Daily Logbook for above	No	24		
24	Extra cleaning staff	No	15		
Carried to Collection				R	
Section No. 9 COVID OCCUPATIONAL HEALTH AND SAFETY Bill No. 1 Covid Occupational Health and Safety REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFR WITBANK PRISON					

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REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE
WITBANK PRISON

[illegible]

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DPW-04 (EC): CONTRACT DATA: JBCC 2000 PRINCIPAL BUILDING AGREEMENT (Edition 4.1 of March 2005)

Project title:	<i>MPUMALANGA: WITBANK PRISON : REPAIRS AND MAINTENANCE OF BUILDING AND CIVIL INFRASTRUCTURE</i>		
Tender no:	<i>NST23/010</i>	Reference no:	

	The Conditions of Contract are clauses 1 to 41 of the JBCC Series 2000 Principal Building Agreement (Edition 4.1 of March 2005) prepared by the Joint Building Contracts Committee. 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.
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	CONTRACT VARIABLES THE SCHEDULE The schedule contains all variables referred to in this document and is divided into part 1: contract data completed by the employer and part 2: contract data completed by the contractor. 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. Key cross reference clauses are italicised in [] brackets
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42.0	Part 1: Contract Data completed by the Employer:
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42.1	CONTRACTING AND OTHER PARTIES
42.1.1	Employer: Government of the Republic of South Africa in its Department of Public Works Postal address: <i>Department of Public Works and infrastructure</i> <i>Private bag x 11280</i> <i>Nelspruit</i> <i>1200</i> Tel: <i>013-753 6312</i> Fax: <i>N/A</i> <i>[1.2]</i> Physical address: <i>30 Brown Street, Nedbank building</i> <i>Nelspruit</i> <i>1201</i>

Tender no:

42.1.2 [1.1, 5.1]	Principal Agent: Ekuthuleni Architect & Civil Engineers Postal address: Box 25608 Lakeside Mall Benoni 1501 Tel: : 013 741 3619 Fax: N/A
[1.1]	Representative of the Employer: Cyreal Sekatane Postal address: Private Bag X11280 Nelspruit 1200 Tel: 013-753 6312 / 6351 Fax: N/A
42.1.3 [1.1, 5.2]	Agent (1) Mavimbela & Associates Quantity Surveyors Agent's service: Quantity Surveyor Postal address: P O Box 2009 Bronkhorstspuit 1020 Tel: 063 698 7785 Fax: N/A
42.1.4 [1.1, 5.2]	Agent (2) KBK ENGINEERS Pty(Ltd) Agent's service: Civil & Structural Engineer Postal address: PO Box 556 Secunda 2302 Tel: 017 634 7720/ 48 Fax: 017 634 7720
42.1.5 [1.1, 5.2]	Agent (3)

	Agent's service: Postal address: Tel: Fax: N/A
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Tender no:

42.1.6 [1.1, 5.2]	Agent (4) Agent's service: Postal address: Tel: Fax: N/A
42.1.7 [1.1, 5.2]	Agent (5) Agent's service: Postal address: Tel: Fax: N/A
42.1.8 [1.1, 5.2]	Agent (6) Agent's service: Postal address: Tel: Fax:
42.1.9 [1.1, 5.2]	Agent (7) Agent's service: Postal address:

	Tel:	Fax:
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42.2	CONTRACT DETAILS
42.2.1 [1.1]	Works description: Refer to document C3 – Scope of Work.
42.2.2 [1.1]	Site description: Refer to document C4 – Site Information.
42.2.4 [41.0]	Specific options that are applicable to a State organ only Where so :

Tender no:

[1.1 #] [31.11.2 #] [31.12.2#] [11.2.#] [31.4.2 #] [40.2.2.#] [26.1.2 #]	1) Interest rate legislation: The interest rate applicable will be 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) 2) Lateral support insurance to be effected by the contractor: Yes ☒ No ☐ 3) Payment will be made for materials and goods Yes ☒ No ☐ 4) Dispute resolution of any dispute shall be conducted in the following chronologically order with litigation being last resort: 4.1 Negotiation 4.2 Mediation 4.3 Adjudication 4.4 Arbitration 4.5 litigation 5) Extended defects liability period applicable to the following elements: <i>The defects date is fifty two (52) weeks after completion of the whole works</i>
42.2.6 [15.3]	Period for the commencement of the works after the contractor takes possession of the site : Ten (10) working days .
42.2.7 [24.3.1] [30.1]	For the works as a whole: The date for practical completion shall be 24 months from the commencement date and the penalty per calendar day shall be R 1.25 cents per R 100.00 of the offered total prices exclusive of Value - added Tax per day .
42.2.8 [24.3.1] [28.1]	For the works in sections : The date for practical completion from the commencement date and the penalty per calendar day : Section 1: <i>insert description as may be applicable</i> <i>insert penalty amount</i> Section 2: <i>insert description as may be applicable</i> <i>insert penalty amount</i> Section 3: <i>insert description as may be applicable</i>

	<i>insert penalty amount</i> Section 4: <i>insert description as may be applicable</i> <i>insert penalty amount</i> Section 5: <i>insert description as may be applicable</i> <i>insert penalty amount</i> Section 6: <i>insert description as may be applicable</i> <i>insert penalty amount</i>
42.2.9 [1.2]	The law applicable to this agreement shall be that of the: Republic of South Africa

Tender no:

42.3	INSURANCES
42.3.1 [10.1 #, 10.2 #, 12.1 #]	Contract works insurance to be effected by the contractor ☒ To the minimum value of the contract sum plus 10% With a deductible not exceeding 5% of each and every claim Or ☐ For the minimum sum of R insert amount (insert amount in words) With a deductible not exceeding 5% of each and every claim
42.3.2 [10.1 #, 10.2 #, 12.1 #]	Supplementary insurance is required: Yes To the minimum value of the contract sum plus 10 %
42.3.3 [11.1 #, 12.1 #]	Public liability insurance to be effected by the contractor ☒ For the sum of R 5 million With a deductible not exceeding 5% of each and every claim Or ☐ For the sum of R insert amount (insert amount in words) With a deductible not exceeding 5% of each and every claim
42.3.4 [11.2 #, 12.1 #]	Support insurance to be effected by the contractor For the sum of R insert amount (insert amount in words) With a deductible of R insert amount (insert amount in words)

42.4	DOCUMENTS
42.4.2 [3.7]	Three (3) copies of the construction documents will be supplied to the contractor free of charge
42.4.3	Bills of quantities / Lump sum document schedule of rates drawn up in accordance with:

Contract Data: JBCC 2000 Principal Building Agreement
(Edition 4.1 of March 2005): DPW-04 (EC)

	☒ Standard System of Measuring Building Work (sixth edition as amended) Or ☐ Standard System of Measuring Building Work for Small or Simple Buildings 1999 Or ☐ Other (<i>specify</i>)
42.4.5 [3.4]	JBCC Engineering General Conditions are to be included in the contract documents: No

42.4.6 [31.5.3]	The contract value is to be adjusted using CPAP indices: Yes ☒ No ☐
[32.13]	Where CPAP is applicable, the contract sum will be adjusted in accordance with the JBCC Contract Price Adjustment Provisions (CPAP) as set out in the CPAP Indices Application Manual as prepared by the JBCC Series 2000, code 2118, dated May 2005 and any amendments thereto: 1) Glass etc. measured in specialist section Metalwork, will be adjusted in terms of the index for that work group unless specifically stated otherwise in the bills of quantities 2) All electrical installations in buildings and power distribution systems shall be adjusted in terms of the index for Work Group 160 Electrical Installation. In case of uninterruptible power supplies, elevators, escalators and hoists, generating sets, motor-alternator sets and intercommunication systems shall be in accordance with Work Group 170 3) With reference to Work Group 190 a proportion of the value related preliminaries pro rata to the amount of work excluded from adjustment, shall be excluded from Contract Price Adjustment Provisions, if Option A has been selected for the adjustment of preliminaries 4) Further to clause 3.4.4 of the CPAP Indices Application Manual, the listing of additional items for exclusion by tenderers, will not be permitted 5) Where V results in a negative amount after application of the formula in clause 8.3 of the CPAP Indices Application Manual the factor of 0,55 shall be substituted by 1,45 Alternative Indices: Not Applicable

42.4.7 [3.10]	Details of changes made to the provisions of JBCC standard documentation Clause 1.1 COMMENCEMENT DATE – means the date that the agreement, made in terms of the Form of Offer and Acceptance, comes into effect CONSTRUCTION GUARANTEE – means a guarantee at call obtained by the contractor from an institution approved by the employer in terms of the employer's construction guarantee form as selected in the schedule CONSTRUCTION PERIOD – means the period commencing on the commencement date and ending on the date of practical completion CORRUPT PRACTICE – means the offering, giving, receiving, or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution FRAUDULENT PRACTICE – means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of any tenderer, and includes collusive practice among tenderers (prior to or after the tender submission) designed to establish tender prices at artificial non-competitive levels and to deprive the tenderer of the benefits of free and open competition 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) PRINCIPAL AGENT – means the person or entity appointed by the employer and named in the schedule. In the event of a principal agent not being appointed, then all the duties and obligations of a principal agent as detailed in the agreement shall be fulfilled by a representative of the employer as named in the schedule
	SECURITY – means the form of security provided by the employer or contractor, as stated in the schedule, from which the contractor or employer may recover expense or loss 1.6 Any notice given may be delivered by hand, sent by prepaid registered post or telefax. Notice shall be presumed to have been duly given when: 1.6.4 No clause 3.2.1 A construction guarantee in terms of 14.0, where so elected in his tender 3.7 Add at the end thereof: The contractor shall supply and keep a copy of the JBCC Series 2000 Principal Building Agreement and Preliminaries applicable to this contract on the site, to which the employer, principal agent and agents shall have access at all times. 3.10 Replace the second reference to "principal agent" with the word "employer" 4.3 No clause 5.1.2 under clause 41- Include reference to 32.6.3; 34.3; 34.4 and 38.5.8 in terms of which the employer has retained its authority and has not given a mandate to the principal agent and in terms of which the employer shall sign all documents 10.5 Add the following as 10.5

Damage to the works

- (1) Without in any way limiting the **contractor's** obligations in terms of the contract, the **contractor** shall bear the full risk of damage to and/or destruction of the **works** by whatever cause during construction of the **works** and hereby indemnifies and holds harmless the **employer** against any such damage. The **contractor** shall take such precautions and security measures and other steps for the protection and security of the **works** as the **contractor** may deem necessary
- (2) The **contractor** shall at all times proceed immediately to remove or dispose of any debris arising from damage to or destruction of the **works** and to rebuild, restore, replace and/or repair the **works**
- (3) The **employer** shall carry the risk of damage to or destruction of the **works** and materials paid for by the **employer** that is the result of the excepted risks as set out in 10.6
- (4) Where the **employer** bears the risk in terms of this contract, the **contractor** shall, if requested to do so, reinstate any damage or destroyed portions of the **works** and the costs of such reinstatement shall be measured and valued in terms of 32.0 hereof

10.6 Add the following as 10.6

Injury to Persons or loss of or damage to Properties

- (1) The **contractor** shall be liable for and hereby indemnifies the **employer** against any liability, loss, claim or proceeding whether arising in common law or by statute, consequent upon personal injuries to or the death of any person whomsoever arising out of or in the course of or caused by the execution of the **works** unless due to any act or negligence of any person for whose actions the **employer** is legally liable
- (2) The **contractor** shall be liable for and hereby indemnifies the **employer** against any liability, loss, claim or proceeding consequent upon loss of or damage to any moveable, or immovable 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, arising out of or in the course of or by reason of the execution of the **works** unless due to any act or negligence of any person for whose actions the **employer** is legally liable
- (3) The **contractor** shall upon receiving a **contract instruction** from the **principal agent** cause the same to be made good in a perfect and workmanlike manner at his own cost and in default thereof the **employer** shall be entitled to cause it to be made good and to recover the cost thereof from the **contractor** or to deduct the same from amounts due to the **contractor**
- (4) The **contractor** shall be responsible for the protection and safety of such portions of the premises placed under his control by the **employer** for the purpose of executing the **works** until the issue of the **certificate of practical completion**
- (5) Where the execution of the **works** involves the risk of removal of or interference with support to adjoining properties including land or structures or any structures to be altered or added to, the **contractor**, shall obtain adequate insurance and will remain adequately insured or insured to the specific limit stated in the contract against the death of or injury to persons or damage to such property consequent on such removal or interference with the support until such portion of the **works** has been completed
- (6) The **contractor** shall at all times proceed immediately at his own cost to remove or dispose of any debris and to rebuild, restore, replace and/or repair such property

and to execute the **works**

10.7 Add the following as 10.7

HIGH RISK INSURANCE

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

10.7.1 Damage to the works

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

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

10.7.2 Injury to persons or loss of or damage to property

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

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

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

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

14.0 Replace the entire clause 14.0 with the following:

14.0 SECURITY

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

	14.1.1 The payment reduction of the value certified in a payment certificate shall be <i>mutatis mutandi</i> in terms of 31.8(A) 14.1.2 The employer shall be entitled to recover expense and loss from the payment reduction in terms of 33.0 provided that the employer complies with the provisions of 33.4 in which event the employer's entitlement shall take precedence over his obligations to refund the payment reduction security or portions thereof to the contractor 14.2 In respect of contracts with a contract sum above R1 million, the contractor shall have the right to select the security to be provided in terms of 14.3, 14.4, 14.5, 14.6, or 14.7 as stated in the schedule. Such security shall be provided to the employer within twenty-one (21) calendar days from commencement date. Should the contractor fail to select the security to be provided or should the contractor fail to provide the employer with the selected security within twenty-one (21) calendar days from commencement date, the security in terms of 14.7 shall be deemed to have been selected. 14.3 Where the security as a cash deposit of ten per cent (10%) of the contract sum (excluding VAT) has been selected: 14.3.1 The contractor shall furnish the employer with a cash deposit equal in value to ten per cent (10%) of the contract sum (excluding VAT) within twenty-one (21) calendar days from commencement date 14.3.2 Within twenty-one (21) calendar days of the date of practical completion of the works the employer shall reduce the cash deposit to an amount equal to three per cent (3%) of the contract value (excluding VAT), and refund the balance to the contractor 14.3.3 Within twenty-one (21) calendar days of the date of final completion of the works the employer shall reduce the cash deposit to an amount equal to one per cent (1%) of the contract value (excluding VAT) and refund the balance to the contractor 14.3.4 On the date of payment of the amount in the final payment certificate, the employer shall refund the remainder of the cash deposit to the contractor 14.3.5 The employer shall be entitled to recover expense and loss from the cash deposit in terms of 33.0 provided that the employer complies with the provisions of 33.4 in which event the employer's entitlement shall take precedence over his obligations to refund the cash deposit security or portions thereof to the contractor
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	14.3.6 The parties expressly agree that neither the employer nor the contractor shall be entitled to cede the rights to the deposit to any third party 14.4 Where security as a variable construction guarantee of ten percent (10%) of the contract sum (excluding VAT) has been selected: 14.4.1 The contractor shall furnish the employer with an acceptable variable construction guarantee equal in value to ten per cent (10%) of the contract sum (excluding VAT) within twenty-one (21) calendar days from commencement date 14.4.2 The variable construction guarantee shall reduce and expire in terms of the Variable Construction Guarantee form included in the invitation to tender 14.4.3 The employer shall return the variable construction guarantee to the contractor within fourteen (14) calendar days of it expiring 14.4.4 Where the employer has a right of recovery against the contractor in terms of 33.0, the employer shall issue a written demand in terms of the variable construction guarantee
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	14.5 Where security as a fixed construction guarantee of five per cent (5%) of the contract sum (excluding VAT) and a five per cent (5%) payment reduction of the value certified in the payment certificate (excluding VAT) has been selected: 14.5.1 The contractor shall furnish a fixed construction guarantee to the employer equal in value to five per cent (5%) of the contract sum (excluding VAT) 14.5.2 The fixed construction guarantee shall come into force on the date of issue and shall expire on the date of the last certificate of practical completion 14.5.3 The employer shall return the fixed construction guarantee to the contractor within fourteen (14) calendar days of it expiring 14.5.4 The payment reduction of the value certified in a payment certificate shall be in terms of 31.8(A) and 34.8 14.5.5 Where the employer has a right of recovery against the contractor in terms of 33.0, the employer shall be entitled to issue a written demand in terms of the fixed construction guarantee or may recover from the payment reduction or may do both 14.6 Where security as a cash deposit of five per cent (5%) of the contract sum (excluding VAT) and a payment reduction of five per cent (5%) of the value certified in the payment certificate (excluding VAT) has been selected: 14.6.1 The contractor shall furnish the employer with a cash deposit equal in value to five per cent (5%) of the contract sum (excluding VAT) within twenty-one (21) calendar days from commencement date 14.6.2 Within twenty-one (21) calendar days of the date of practical completion of the works the employer shall refund the cash deposit in total to the contractor 14.6.3 The payment reduction of the value certified in a payment certificate shall be <i>mutatis mutandi</i> in terms of 31.8(A) 14.6.4 Where the employer has a right of recovery against the contractor in terms of 33.0, the employer may issue a written notice in terms of 33.4 or may recover from the payment reduction or may do both 14.7 Where security as a payment reduction of ten per cent (10%) of the value certified in the payment certificate (excluding VAT) has been selected: 14.7.1 The payment reduction of the value certified in a payment certificate shall be <i>mutatis mutandi</i> in terms of 31.8(B) 14.7.2 The employer shall be entitled to recover expense and loss from the payment reduction in terms of 33.0 provided that the employer complies with the provisions of 33.4 in which event the employer's entitlement shall take precedence over his obligations to refund the payment reduction or portions thereof to the contractor 14.8 Payments made by the guarantor to the employer in terms of the fixed or variable construction guarantee shall not prejudice the rights of the employer or contractor in terms of this agreement 14.9 Should the contractor fail to furnish the security in terms of 14.2 the employer, in his sole discretion, and without notification to the contractor, is entitled to change the contractor's selected form of security to that of a ten per cent (10%) payment reduction of the value certified in the payment certificate (excluding VAT), whereafter 14.7 shall be applicable 15.1.1 No clause
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15.1.2 The **security** selected in terms of 14.0

15.1.4 Add 15.1.4 as follows:

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

15.2.1 Under 41: Amend to read as follows:

"Give the **contractor** possession of the **site** within ten (10) **working days** of the **contractor** complying with the terms of 15.1.4

17.1.11 Delete the words "and the appointment of **nominated** and **selected subcontractors**"

20.1.3 No clause

21.0 No clause

26.1.2 Add # next to 26.1.2

29.2.5 No clause

31.5.2 Security adjustments in terms of 14.0 or 31.8

31.8 Amend as follows:

31.8(A) Where a **security** is selected in terms of 14.1; 14.5 or 14.6, the value of the **works** in terms of 31.4.1 and of the **materials and goods** in terms of 31.4.2 shall be certified in full. The value certified shall be subject to the following percentage adjustments:

31.8(A).1 Ninety-five per cent (95%) of such value in interim **payment certificates** issued up to the date of **practical completion**

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

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

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

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

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

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

	31.8(B).3 Ninety-nine per cent (99%) of such value in interim payment certificates issued on the date of final completion and up to but excluding the final payment certificate in terms of 34.6 31.8(B).4 One hundred per cent (100%) of such value in the final payment certificate in terms of 34.6 except where the amount certified is in favour of the employer. In such an event the payment reduction shall remain at the adjustment level applicable to the final payment certificate 31.12 Delete the following: "Payment shall be subject to the employer giving the contractor a tax invoice for the amount due." 32.5.1 Add the following to the end of each of these clauses: "...due to no fault of the 32.5.4 contractor" and 32.5.7 34.1 Remove # 34.2 Add # next to 34.2 34.8 The principal agent shall certify one hundred per cent (100%) of the amount of the final account in the final payment certificate 34.13 Replace "seven (7) calendar days" with "twenty one (21) calendar days" and delete the words: "subject to the employer giving the contractor a tax invoice for the amount due" 36.1 Add the following clauses 36.1.3 to 36.1.5. under 36.1 to read as follows: 36.1.3 refuses or neglects to comply strictly with any of the conditions of contract 36.1.4 estate being sequestrated; liquidated or surrendered in terms of the insolvency laws in force within the Republic of South Africa 36.1.5 in the judgement of the employer, has engaged in corrupt or fraudulent practices in competing for or in executing the contract 36.3 Remove reference to "No clause", and replace "principal agent" with "employer" 36.7 Add the following: "Notwithstanding any clause to the contrary, on cancellation of this 37.5 agreement either by the employer or the contractor; or for any reason whatsoever, and the contractor shall on written instruction, discontinue with the works on a date stated 38.7 and withdraw himself from the site. The contractor shall not be entitled to refuse to withdraw from the works on the grounds of any lien or right of retention or on the grounds of any other right whatsoever" 37.3.5 Replace "ninety (90)" with "one hundred and twenty (120)" and 38.5.4 39.3.5 Add the following words at the end thereof: "within one hundred and twenty (120) working days of completion of such a report" 40.2.2 under clause 41 – Replace "one (1) year" with "three (3) years" 40.6 under clause 41 – Remove reference to no clause 40.7.1 Change "(10)" to "(15)" Add the following to the end thereof:
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	Whether or not mediation resolves the dispute, the parties shall bear their own costs concerning the mediation and equally share the costs of the mediator and related costs.
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42.0	Part 2: Contract Data provided by the Contractor:
42.5	CONTRACT DETAILS
42.5.1	Contractor: Postal address: Tel: _____ Fax: _____ TAX / VAT Registration No: _____ Physical address:
42.5.2	The accepted contract sum inclusive of tax is R _____ Amount in words: _____
42.5.3 [31.3]	The latest day of the month for the issue of an interim payment certificate : _____
42.5.4 [32.12]	The preliminaries amounts shall be paid in terms of: Alternative A ☐ Alternative B ☐
42.5.5 [32.12]	The preliminaries amounts shall be adjusted in terms of: Alternative A ☐ Alternative B ☐



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42.5.7 [14]	The security to be provided by the contractor: (a) in respect of contracts up to R1 million, the contractor will provide security in terms of 14.1 (b) in respect of contracts above R1 million, the contractor will provide, as security, one of the following: (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) (DPW-10.3 EC) 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) (DPW-10.1 EC) Yes ☐ No ☐ NB. Guarantees submitted must be issued by either an insurance company duly registered in terms of the 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.
42.5.8 [29.7.2]	The annual building holiday period after the commencement of the construction period: From: _____ to _____

42.6 42.6.1	DOCUMENTS Contract documents marked and annexed hereto: Priced bills of quantities: Yes ☒ No ☐ Document marked as: _____ Lump sum document: : Yes ☐ No ☐ Document marked as: _____ Guarantees: Yes ☒ No ☐ Document marked as: _____ Contract drawings: Yes ☒ No ☐ Document marked as: _____ Other documents: Yes ☒ No ☐ (Attach additional pages if more space is required) _____ _____ _____ _____ _____
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