

TENDER NO: JHB 25/16



**public works
& infrastructure**

Department:
Public Works and Infrastructure
REPUBLIC OF SOUTH AFRICA

TENDER DOCUMENT

FOR

WCS 054389:

**MAINTENANCE OF LIFTS AT VARIOUS BUILDINGS IN
JOHANNESBURG SURROUNDING AREAS**

BOOK A

NAME OF TENDERER:.....

OCTOBER 2025



GAUTENG, JOHANNESBURG

MAINTENANCE AND REPAIR OF LIFTS IN VARIOUS GOVERNMENT BUILDINGS IN JOHANNESBURG: WCS 054389

WCS number : 054389

Tender number : JHB 25/16

Reference number :

Advertising date : 24 OCTOBER 2025

Closing Date : 13 NOVEMBER 2025

Closing time : 11H00

Site inspection / Briefing: **There is a non-compulsory site briefing**

Department of public works and infrastructure contact person:
Mr Robert Rono: 011 713 6088

**MAINTENANCE AND REPAIR OF LIFTS IN VARIOUS GOVERNMENT BUILDINGS IN JOHANNESBURG:
WCS 054389****INDEX**

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Invitation to Bid: PA-32

PART A
INVITATION TO BID (EXEMPTION)

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE (NATIONAL DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE)					
BID NUMBER:	JHB 25/16	CLOSING DATE:	13/11/2025	CLOSING TIME:	11:00 AM
DESCRIPTION	Johannesburg Various Government Buildings: Repair, Modernization & Maintenance of passenger & Goods Lifts				
THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT					
BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT (STREET ADDRESS)					
78 De Korte Street Mineralia Building Braamfontein Johannesburg 2017					
OR POSTED TO:					
Private Bag X3 Braamfontein Johannesburg 2017					
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:
ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?		☐ Yes ☐ No [IF YES ENCLOSE PROOF]		ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED? ☐ Yes ☐ No [IF YES ANSWER PART B:3 BELOW]	
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 (1ALL APPLICABLE TAXES)	
BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO:			TECHNICAL INFORMATION MAY BE DIRECTED TO:		
DEPARTMENT/ PUBLIC ENTITY				CONTACT PERSON	
CONTACT PERSON				TELEPHONE NUMBER	

Invitation to Bid: PA-32

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.
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.

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

Invitation to Bid: PA-32

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



GAUTENG, JOHANNESBURG

**DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE: MAINTENANCE OF LIFTS AT
VARIOUS BUILDINGS IN JOHANNESBURG SURROUNDING AREAS: WCS 054389**

VOLUME 1

TENDERING PRICEDURES



GAUTENG, JOHANNESBURG

**DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE: MAINTENANCE OF LIFTS AT
VARIOUS BUILDINGS IN JOHANNESBURG SURROUNDING AREAS: WCS 054389**

T1.1

TENDER NOTICE AND INVITATION TO TENDER

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

THE DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE INVITES TENDERS FOR:

Project title:	Department of Public Works and Infrastructure: Maintenance of lifts at various buildings in Johannesburg surrounding areas
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Tender no:	JHB 25/16	Reference no:	
Advertising date:	24 October 2025	Closing date:	13 November 2025
Closing time:	11H00	Validity period:	84 Calendar days

1. REQUIRED CIDB GRADING

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

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

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

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

2. FUNCTIONALITY CRITERIA APPLICABLE YES ☒ NO ☐

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

Functionality criteria¹:	Weighting factor:
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¹The points allocated to each functionality criterion should not be generic but should be determined separately for each tender on a case by case basis.

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

1. KEY PERSONNEL - HUMAN RESOURCE(EXPERIENCE) a) SITE MANAGEMENT (Full time on site): Submission of CV and Certified copy of Professional registration certificate from ECSA as a Lift inspector b) SITE MANAGEMENT (full time on site) : Submission of CV, and a CETA/SAQA accredited Certification in the built environment (minimum of NQF Level 5) as Site foreman/Supervisor. c) SITE STAFF (full time on site): CVs and certified copies of artisans Trade test certificates from South African accredited Institutions to be attached. Key artisans shall be : Lift Mechanics. PLEASE NOTE: The following will be evaluated as a cluster: 1.1) For a bidder to be allocated 5 points, the bidder must have the following: One Lift inspector with 9 or more years experience. Foreman/supervisor with 9 or more years experience and six or more qualified artisans (Lift Mechanics). 1.2) For a bidder to be allocated 4 points, the bidder must have the following: One Lift inspector with 8 or more years experience. Foreman/supervisor with 8 or more years experience and five or more qualified artisans (Lift Mechanics). 1.3) For a bidder to be allocated 3 points, the bidder must have the following: One Lift inspector with 7 or more years experience. Foreman/supervisor with 7 or more years experience and four or more qualified artisans (Lift Mechanics). 1.4) For a bidder to be allocated 2 points, the bidder must have the following: One Lift inspector with 6 or more years experience. Foreman/supervisor with 6 or more years experience and three or more qualified artisans (Lift Mechanics). 1.5) For a bidder to be allocated 1 points, the bidder must have the following: One Lift inspector with 5 or more years experience. Foreman/supervisor with 5 or more years experience and two or more qualified artisans (Lift Mechanics). None submission of the above will result in zero points.	35										
2. WORK EXPERIENCE Bidder must submit appointment letter on client letter head and Practical completion certification/first delivery. Projects must have been successfully completed within the last 10 years, comparable (similar in nature & value) with a minimum value of R15 000 000.00. <table> <tr> <td>2.1). Successfully completed 1</td><td>1 Points</td></tr> <tr> <td>2.2). Successfully completed 2</td><td>2 Points</td></tr> <tr> <td>2.3). Successfully completed 3</td><td>3 Points</td></tr> <tr> <td>2.4). Successfully completed 4</td><td>4 Points</td></tr> <tr> <td>2.5). Successfully completed 5</td><td>5 Points</td></tr> </table> None submission of the above will results in zero points	2.1). Successfully completed 1	1 Points	2.2). Successfully completed 2	2 Points	2.3). Successfully completed 3	3 Points	2.4). Successfully completed 4	4 Points	2.5). Successfully completed 5	5 Points	35
2.1). Successfully completed 1	1 Points										
2.2). Successfully completed 2	2 Points										
2.3). Successfully completed 3	3 Points										
2.4). Successfully completed 4	4 Points										
2.5). Successfully completed 5	5 Points										

3. PROJECT EXECUTION PLAN Bidder must provide a detailed Project Execution Plan based on the construction duration in the contract data of 36 months reflecting the following: a) Key activities b) show critical path c) show logical sequence of activities d) show duration of key activities e) Project Cashflows. The bidder who has submitted all of the above will be allocated 5 points. None submission of the above will result in zero points.	30
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:	70
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(Total minimum qualifying score for functionality is 50 Percent, any deviation below or above the 50 Percent, provide motivation below)

The project is highly technical in nature and it is imperative that the sourced bidder be highly competent and be able to demonstrate ability to succeed in this kind of project through the resources required above.

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

☐ Method 1 (Financial offer)	☒ Method 2 (Financial and Preference offer)
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3.1. Indicate which preference points scoring system is applicable for this bid:

☐ 80/20 Preference points scoring system	☐ 90/10 Preference points scoring system	☒ Either 80/20 or 90/10 Preference points scoring system
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4. RESPONSIVENESS CRITERIA

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

1	☒	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, 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	☒	Submission of a signed bid offer as per the DPW-07 (EC).
5	☒	Submission of DPW-09 (EC): Particulars of Tenderer's Projects.
6	☐	Bidders must comply with DPW-21 (EC): Record of Addenda to tender documents, if any.
7	☐	Submission of DPW-16 signed by the authorised official and completion of bid briefing attendance register. insert motivation why the tender clarification meeting is declared compulsory
8	☒	The tenderer shall submit his fully priced Bills of Quantities / Lump Sum Document (complete document inclusive of all parts) together with his tender.
9	☒	The tenderer shall submit his fully priced and completed sectional summary- and final summary pages with the tender.
10	☒	A MOU from the OEM (Original Equipment Manufacturer) confirming that the company is an authorised distributor for the parts and material to be procured under this contract or OEM certificate.
11	☒	The bidding entity must have a 7SI CIDB grading or higher by the closing Date of the Bid
12	☒	Bidders must submit a stamped bank letter of good standing with respect to the account of the bidding company.
13	☐	Specify other responsiveness criteria
14	☐	Specify other responsiveness criteria
15	☐	Specify other responsiveness criteria

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

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

1	☒	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	☒	All parts of tender documents submitted must be fully completed in ink and signed where required.
4	☒	Submission of (PA-11): Bidder's disclosure
5	☐	Submission of PA-16.1 (EC): Ownership Particulars
6	☒	Submission of documentation relating to risk assessment criteria as contained in C 2.1 of DPW-03 Tender Data.
7	☒	Submission of (PA 40): Declaration of Designated Groups.
8	☒	Submission of proof of Registration on National Treasury's Central Supplier Database (CSD). Insert the Supplier Registration Number on the form of offer, including proposed sub-contractors if any
9	☒	Data provided by the tenderer in Part 2 of DPW-04 Contract Data (JBCC 2018) or DPW-05 Contract Data (GCC 2015) whichever applicable to be fully completed.
10	☐	The tenderer shall submit his fully priced Bills of Quantities (complete document inclusive of all parts) within 14 calendar days from request.
11	☒	Upon request, submission of fingerprints obtainable from local SAPS including any other additional documentation and information required for vetting purposes.
12	☒	Upon request, submission of a fully completed security clearance application form with supporting documentation and information as required. The security clearance form will be provided by the Employer for projects requiring a security clearance.
13	☒	Bidders must complete DPW-21(EC) : Record of Addenda to Tender Documents
14	☒	Bidders must sign the EPWP compliance Declaration.
15	☒	Submission of DPW-16 signed by the authorised official and completion of bid briefing attendance register. This is a specialized project and for any bidder to submit a competitive bid, it is important that they are briefed about the requirements and expectations on our various lifts in various buildings. The meeting is therefore critical and mandatory to clarify and inform the prospective bidders on the scope of services.
16	☐	Specify other responsiveness criteria
17	☐	Specify other responsiveness criteria
18	☐	Specify other responsiveness criteria

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

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

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



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

Table 1

Serial No	Specific Goals	Preference Points Allocated out of 20	Documentation to be submitted by bidders to validate their claim
1.	An EME or QSE which is at least 51% owned by black people (Mandatory)	10	SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.
2.	Located in a specific Local Municipality or District Municipality or Metro or Province area for work to be done or services to be rendered in that area (Mandatory)	2	- Official Municipal Rates Statement which is in the name of the bidder. Or - Any account or statement which is in the name of the bidder. Or - Permission to Occupy from local chief in case of rural areas (PTO) which is in the name of the bidder. Or - Lease Agreement which is in the name of the bidder.
3.	An EME or QSE or any entity which is at least 51% owned by black women (Mandatory)	4	SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.
4.	An EME or QSE or any entity which is at least 51% owned by black people with disability (Mandatory)	2	- SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable. and - Medical Certificate indicating that the disability is permanent. Or - South African Social Security Agency (SASSA) Registration indicating that the disability is permanent. 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".

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			National Council for Persons with Physical Disability in South Africa registration (NCPDPSA).
5.	An EME or QSE or any entity which is at least 51% owned by black youth (Mandatory)	2	ID Copy and SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.

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



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

Table 2

Serial No	Specific Goals	Preference Points Allocated out of 10	Documentation to be submitted by bidders to validate their claim
1.	An EME or QSE or any entity which is at least 51% owned by black people (Mandatory)	4	SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.
2.	Located in a specific Local Municipality or District Municipality or Metro or Province area for work to be done or services to be rendered in that area (Mandatory)	2	- Official Municipal Rates Statement which is in the name of the bidder. Or - Any account or statement which is in the name of the bidder. Or - Permission to Occupy from local chief in case of rural areas (PTO) which is in the name of the bidder. Or - Lease Agreement which is in the name of the bidder.
3.	An EME or QSE or any entity which is at least 51% owned by black women (mandatory)	2	SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.
4. ☐	An EME or QSE or any entity which is at least 51% owned by black people with disability (Mandatory)	2	SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable. and

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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	OR			- Medical Certificate indicating that the disability is permanent. Or - South African Social Security Agency (SASSA) Registration indicating that the disability is permanent. Or National Council for Persons with Physical Disability in South Africa registration (NCPDPSA).
		5. ☐ An EME or QSE or any entity which is at least 51% owned by black youth (Mandatory)	2	ID Copy and SANAS Accredited BBEE Certificate or Sworn Affidavit where applicable.

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

6. BID EVALUATION METHOD

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

☐ 80/20 Preference points scoring system	☐ 90/10 Preference points scoring system	☒ Either 80/20 or 90/10 Preference points scoring system
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In case where below/above R 50 000 000 is selected, the lowest acceptable tender will be used to determine the applicable preference point system.

7. ELIGIBILITY IN RESPECT OF RISK TO THE EMPLOYER:

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

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

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

7.1 Technical risks:

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

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

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

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

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

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

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

Criterion 3: Suitably qualified and appropriately experienced human resources

Allocation of suitably qualified and appropriately experienced human resources, both in respect of principals and/or other staff (contract manager, site agent, site foreman including other professional, technical and/or

administrative) of the tendering Service Provider to the project, as proof that the tendering Service Provider will be able to react/respond appropriately to the Services required herein. The Company Organogram with CV's and certified ID's of all principals and employed workforce as well as proof of Professional Registration will be verified. Current and future workload of the tenderer in relation to capacity and capability will also be considered. The tenderer should demonstrate that he or she possesses the necessary professional and technical qualifications and -competence in relation to the scope of work and work to be undertaken.

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

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

7.2 Commercial risks:

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

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

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

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

(a)	Minimum Targeted Local Manufacturers of Material Contract Participation Goal, in accordance with the cidb Standard for Contract Participation Goals for Targeting Enterprises and Labour through Construction Works Contracts as published in the Government Gazette Notice No. 41237 of 10 November 2017, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract.	Not applicable
(b)	Minimum Targeted Local Building Material Suppliers Contract Participation Goal in accordance with the cidb Standard for Contract Participation Goals for Targeting Enterprises and Labour through Construction Works Contracts as published in the Government Gazette Notice No. 41237 of 10 November 2017, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract.	Not applicable
(c)	Minimum Targeted Local Labour Skills Development Contract Participation Goal in accordance with the cidb Standard for Contract Participation Goals for Targeting Enterprises and Labour through Construction Works Contracts as published in the Government Gazette Notice No. 41237 of 10 November 2017, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract.	Not applicable
(d)	cidb BUILD Programme: Minimum Targeted Enterprise Development Contract Participation Goal in accordance with the cidb Standard for Indirect Targeting for Enterprise Development through Construction Works Contracts, No 36190 Government Gazette, 25 February 2013, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract.	Not applicable

(e)	cidb BUILD Programme: Minimum Targeted Local Labour Skills Development Contract Participation Goal in accordance with the cidb Standard for Contract Participation Goals for Targeting Enterprises and Labour through Construction Works Contracts as published in the Government Gazette Notice No. 48491 of 28 April 2023 and the cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract.– Condition of Contract	Not applicable
(f)	DPWI National Youth Service training and development programme (NYS) – Condition of Contract.	Not applicable
(g)	Labour Intensive Works – Condition of Contract.	Not applicable
(h)		Select
(i)		Select

9. COLLECTION OF TENDER DOCUMENTS

☒ Bid documents are available for free download on e-Tender portal www.etenders.gov.za

☒ Alternatively; Bid documents may be collected during working hours at the following address 78 Mineralia Building, Cnr De Korte & De Beer Street Braamfontein. A non-refundable bid deposit of R 700 is payable (cash only) on collection of the bid documents.

10. SITE INSPECTION MEETING

A pre-tender site inspection meeting will **be** held in respect of this tender.
Attendance of said pre- tender site inspection meeting is **not compulsory**

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

Venue:	78 Mineralia Building, Cnr De Korte & De Beer Street Braamfontein (4th floor boardroom)		
Virtual meeting link:	N/A		
Date:	07 November 2025	Starting time:	11:00 am

11. ENQUIRIES

11.1. Technical enquiries may be addressed to:

DPWI Project Manager	Robert Rono	Telephone no:	011 713 6088
Cellular phone no		Fax no:	086 276 9609
E-mail	Robert.Rono@dpw.gov.za		

11.2. SCM enquiries may be addressed to:

SCM Official	Tshifhiwa Mudau	Telephone no:	011 713 6203
Cellular phone no		Fax no:	
E-mail	Tshifhiwa.Mudau@dpw.gov.za		

12. DEPOSIT / RETURN OF TENDER DOCUMENTS

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

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

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

Tender documents may be posted to: The Director-General Department of Public Works and Infrastructure Private Bag X X3 Braamfontein 2017 Attention: Procurement section: Room G12, Mineralia Building	OR	Deposited in the tender box at: The Tender Office Room G12, Mineralia Building 78 De Korte street (cnr De Beer Str) Braamfontein, 2017
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GAUTENG, JOHANNESBURG

**DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE: MAINTENANCE OF LIFTS AT
VARIOUS BUILDINGS IN JOHANNESBURG SURROUNDING AREAS: WCS 054389**

THE TENDER



GAUTENG, JOHANNESBURG

**DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE: MAINTENANCE OF LIFTS AT
VARIOUS BUILDINGS IN JOHANNESBURG SURROUNDING AREAS: WCS 054389**

T1.2

TENDER DATA

DPW-03 (EC): TENDER DATA

Project title:	<i>Department of Public Works and Infrastructure: Maintenance of lifts at various buildings in Johannesburg surrounding areas</i>
Reference no:	

Tender / Quotation no:	JHB 25/16	Closing date:	13 November 2025
Closing time:	11:00 am	Validity period:	12 Weeks (84 Calendar days)

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: JHB 25/16

C.1.4	The Employer's agent is:	
	Name:	Mothapo Consulting Engineers
	Capacity:	Private Project Manager
	Address:	Unit 23, Block C, Cedar Tree Office Park, cnr Cedar Road & Stinkwood Close, Fourways
	Tel:	010 010 0163
	Fax:	086 664 8130
	E-mail:	Lebohang@mothapo.com
C.2.1 C.3.11	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 7 SI or 7 SI ** class of construction work; and b) contractors registered as potentially emerging enterprises with the CIDB who are registered in one contractor grading designation lower than that required in terms of a) above: select 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 7 SI or select tender value range select class of construction works** class of construction work; and 3. the combined contractor grading designation calculated in accordance with the Construction Industry Development Regulations is equal to or higher than a contractor grading designation determined in accordance with the sum tendered, or a value determined in accordance with Regulation 25 (1B) or 25 (7A) of the Construction Industry Development Regulations for a 7 SI or select tender value range select class of construction works** 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: JHB 25/16

C. FUNCTIONALITY WEIGHTING APPLICABLE TO THIS BID:

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

Functionality Criteria	Weighting Factor
1. KEY PERSONNEL - HUMAN RESOURCE(EXPERIENCE) a) SITE MANAGEMENT (Full time on site): Submission of CV and Certified copy of Professional registration certificate from ECSA as a Lift inspector b) SITE MANAGEMENT (full time on site) : Submission of CV, and a CETA/SAQA accredited Certification in the built environment (minimum of NQF Level 5) as Site foreman/Supervisor. c) SITE STAFF (full time on site): CVs and certified copies of artisans Trade test certificates from South African accredited Institutions to be attached. Key artisans shall be : Lift Mechanics. PLEASE NOTE: The following will be evaluated as a cluster: 1.1) For a bidder to be allocated 5 points, the bidder must have the following: One Lift inspector with 9 or more years experience. Foreman/supervisor with 9 or more years experience and six or more qualified artisans (Lift Mechanics). 1.2) For a bidder to be allocated 4 points, the bidder must have the following: One Lift inspector with 8 or more years experience. Foreman/supervisor with 8 or more years experience and five or more qualified artisans (Lift Mechanics). 1.3) For a bidder to be allocated 3 points, the bidder must have the following: One Lift inspector with 7 or more years experience. Foreman/supervisor with 7 or more years experience and four or more qualified artisans (Lift Mechanics). 1.4) For a bidder to be allocated 2 points, the bidder must have the following: One Lift inspector with 6 or more years experience. Foreman/supervisor with 6 or more years experience and three or more qualified artisans (Lift Mechanics). 1.5) For a bidder to be allocated 1 points, the bidder must have the following: One Lift inspector with 5 or more years experience. Foreman/supervisor with 5 or more years experience and two or more qualified artisans (Lift Mechanics). None submission of the above will result in zero points.	35
2. WORK EXPERIENCE Bidder must submit appointment letter on client letter head and Practical completion certification/first delivery. Projects must have been successfully completed within the last 10 years, comparable (similar in nature & value) with a minimum value of R15 000 000.00.	35

	2.1). Successfully completed 1 Points 1 2.2). Successfully completed 2 Points 2 2.3). Successfully completed 3 Points 3 2.4). Successfully completed 4 Points 4 2.5). Successfully completed 5 Points 5 None submission of the above will results in zero points	
	3. PROJECT EXECUTION PLAN Bidder must provide a detailed Project Execution Plan based on the construction duration in the contract data of 36 months reflecting the following: a) Key activities b) show critical path c) show logical sequence of activities d) show duration of key activities e) Project Cashflows. The bidder who has submitted all of the above will be allocated 5 points. None submission of the above will result in zero points.	30
	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:	70

☒	D. METHOD TO BE USED TO CALCULATE POINTS FOR SPECIFIC GOALS D1. For procurement transaction with rand value greater than R2 000,00 and up to R1 Million (Inclusive of all applicable taxes) the specific goals listed below are applicable. Table 1 <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Serial No</th> <th style="width: 40%;">Specific Goals</th> <th style="width: 20%;">Preference Points Allocated out of 20</th> <th style="width: 30%;">Documentation to be submitted by bidders to validate their claim</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1.</td> <td>An EME or QSE which is at least 51% owned by black people (Mandatory)</td> <td style="text-align: center;">10</td> <td> - SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable. </td> </tr> <tr> <td style="text-align: center;">2.</td> <td>Located in a specific Local Municipality or District Municipality or Metro or Province area for work to be</td> <td style="text-align: center;">2</td> <td> - Official Municipal Rates Statement which is in the name of the bidder. </td> </tr> </tbody> </table>	Serial No	Specific Goals	Preference Points Allocated out of 20	Documentation to be submitted by bidders to validate their claim	1.	An EME or QSE which is at least 51% owned by black people (Mandatory)	10	SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.	2.	Located in a specific Local Municipality or District Municipality or Metro or Province area for work to be	2	Official Municipal Rates Statement which is in the name of the bidder.
Serial No	Specific Goals	Preference Points Allocated out of 20	Documentation to be submitted by bidders to validate their claim										
1.	An EME or QSE which is at least 51% owned by black people (Mandatory)	10	SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.										
2.	Located in a specific Local Municipality or District Municipality or Metro or Province area for work to be	2	Official Municipal Rates Statement which is in the name of the bidder.										

	2.	Located in a specific Local Municipality or District Municipality or Metro or Province area for work to be done or services to be rendered in that area (Mandatory)	2	- Official Municipal Rates Statement which is in the name of the bidder. Or - Any account or statement which is in the name of the bidder. Or - Permission to Occupy from local chief in case of rural areas (PTO) which is in the name of the bidder. Or - Lease Agreement which is in the name of the bidder.					
	3.	An EME or QSE or any entity which is at least 51% owned by black women (Mandatory)	4	SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.					
	4.	An EME or QSE or any entity which is at least 51% owned by black people with disability (Mandatory)	2	- SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable. and - Medical Certificate indicating that the disability is permanent. Or - South African Social Security Agency (SASSA) Registration indicating that the disability is permanent. Or - National Council for Persons with Physical Disability in South Africa registration (NCPDPSA).	a				
	5.	An EME or QSE or any entity which is at least 51% owned by black youth (Mandatory)	2	ID Copy and SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.					
☐	<u>D3. For procurement transaction with rand value greater than R50 Million (Inclusive of all applicable taxes) the specific goals listed in table 2 below are applicable.</u> NB. The use of one of goal numbers' 4 or 5 is mandatory. The BSC must select either one of the two, but not both. <u>Table 3</u> <table><tr><th>Serial No</th><th>Specific Goals</th><th>Preference Points Allocated out of 10</th><th>Documentation to be submitted bidders to validate their claim</th></tr></table>					Serial No	Specific Goals	Preference Points Allocated out of 10	Documentation to be submitted bidders to validate their claim
Serial No	Specific Goals	Preference Points Allocated out of 10	Documentation to be submitted bidders to validate their claim						

	1.	An EME or QSE or any entity which is at least 51% owned by black people (Mandatory)	4	SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.	
	2.	Located in a specific Local Municipality or District Municipality or Metro or Province area for work to be done or services to be rendered in that area (Mandatory)	2	- Official Municipal Rates Statement which is in the name of the bidder. Or - Any account or statement which is in the name of the bidder. Or - Permission to Occupy from local chief in case of rural areas (PTO) which is in the name of the bidder. Or - Lease Agreement which is in the name of the bidder.	
	3.	An EME or QSE or any entity which is at least 51% owned by black women (mandatory)	2	SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.	
	4. ☐	An EME or QSE or any entity which is at least 51% owned by black people with disability (Mandatory)	2	- SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable. and - Medical Certificate indicating that the disability is permanent. Or - South African Social Security Agency (SASSA) Registration indicating that the disability is permanent. Or National Council for Persons with Physical Disability in South Africa registration (NCPDPSA).	
	5. ☐	An EME or QSE or any entity which is at least 51% owned by black youth (Mandatory)	2	ID Copy and SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.	

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

Tender no: JHB 25/16

E. ELIGIBILITY IN RESPECT OF RISK TO EMPLOYER:

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

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

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

E.1 Technical risks:

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

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

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

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

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

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

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

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	3. Project performance: time management & programming of works, timeous ordering of materials and appointment of subcontractors; 4. Financial management: payment to suppliers and cash flow problems; 5. Quality of workmanship: extent of reworks and timeous attention to remedial works; 6. Personnel resources: suitably qualified and experienced, turnover in site staff and labour force, specifically site manager and foreman; 7. Personnel management: extent of labour disputes and ability to resolving labour disputes amicably; 8. Sub-contractors: extent of turnover in subcontractors, general liaison and payment problems experienced; 9. Contract administration: contractual aspects such as complying to laws and regulations, insurances, security, submission of required documentation timeously, reaction to written contract instructions, appointments of subcontractors, etc. as can generally be expected in standard/normal conditions of contract. 10. Health & Safety: adherence to regulations and compliance, and number of transgressions & serious incidents. 11. Plant & equipment: sufficient resources on site and in time. 12. Delays: extent of causing delays, submission of claims timeously, and abuse of or exaggerated delay claims. 13. Final account: extent to which the contractor assisted in finalising the final account. Criterion 3: Suitably qualified and appropriately experienced human resources Allocation of suitably qualified and appropriately experienced human resources, both in respect of principals and/or other staff (contract manager, site agent, site foreman including other professional, technical and/or administrative) of the tendering Service Provider to the project, as proof that the tendering Service Provider will be able to react/respond appropriately to the Services required herein. The Company Organogram with CV's and certified ID's of all principals and employed workforce as well as proof of Professional Registration will be verified. Current and future workload of the tenderer in relation to capacity and capability will also be considered. The tenderer should demonstrate that he or she possesses the necessary professional and technical qualifications and -competence in relation to the scope of work and work to be undertaken. Criterion 4: Attendance of compulsory bid clarification meeting, if applicable If applicable, submission of confirmation of DPW-16.1 (PSB) attendance of compulsory bid clarification meeting or proof of attending the compulsory virtual meeting by a suitably qualified and experienced representative of the tenderer in terms of PA-04 (EC): Notice and Invitation to Tender. E.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.
C.2.7	For particulars regarding a pre-tender site inspection meeting, see Notice and Invitation to Tender T1.1

Tender no: JHB 25/16

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 ☐ The tenderer shall submit his fully priced and completed sectional summary- and final summary pages with the tender and thereafter submit the fully completed Bills of Quantities within fourteen (14) calendar days of the date requested to do so prior to the award of the contract.
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: 78 Mineralia Building, Cnr De Korte & De Beer Street Braamfontein (Room G12)
C.3.8	The words "responsive tender" and "acceptable tender" shall be construed to have the same meaning.

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



GAUTENG, JOHANNESBURG

**DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE: MAINTENANCE OF LIFTS AT
VARIOUS BUILDINGS IN JOHANNESBURG SURROUNDING AREAS: WCS 054389**

VOLUME 2

RETURNABLE DOCUMENTS



GAUTENG, JOHANNESBURG

**DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE: MAINTENANCE OF LIFTS AT
VARIOUS BUILDINGS IN JOHANNESBURG SURROUNDING AREAS: WCS 054389**

T2.1

LIST OF RETURNABLE DOCUMENTS

PA-09 (EC): LIST OF RETURNABLE DOCUMENTS

Project title:	<i>Department of Public Works and Infrastructure: Maintenance of lifts at various buildings in Johannesburg surrounding areas</i>		
Tender / Quote no:	JHB 25/16	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)		
Submission of PA 40: Declaration of Designated Groups for Preferential Procurement	2 Pages	Yes
Submission of PA-36 : Declaration Certificate for Local Production and Content for Designated Sectors and Annexure C thereof <i>(if applicable)</i>	4 Pages	Yes

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)	1 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)	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: If the Tendering Entity is:	Documentation to be submitted with the tender, or which may be required during the tender evaluation:
a. A close corporation, incorporated prior to 1 May 2011 under the Close Corporations Act, 1984 (Act 69 of 1984, as amended)	Copies of the Founding Statement – CK1
b. A profit company duly registered as a private company. [including a profit company that meets the criteria for a private company, whose Memorandum of Incorporation states that the company is a personal liability company in terms of Section 8(2)(c) of the Companies Act, 2008 (Act 71 of 2008, as amended)].	Copies of: i. Certificate of Incorporation – CM1; ii. Shareholding Certificates of all Shareholders of the company, plus a signed statement of the company's Auditor, certifying each Shareholder's ownership / shareholding percentage relative to the total; and/or iii. Memorandum of Incorporation in the case of a personal liability company.
c. A profit company duly registered as a private company in which any, or all, shares are held by one or more other close corporation(s) or company(ies) duly registered as profit or non-profit company(ies).	Copies of documents referred to in a. and/or b. above in respect of all such close corporation(s) and/or company(ies).
d. A profit company duly registered as a public company.	Copy of Certificate of Incorporation – CM1, and a signed statement of the company's Secretary or Auditor confirming that the company is a public company.

e. A non-profit company, incorporated in terms of Section 10 and Schedule 1 of the Companies Act, 2008 (Act 71 of 2008, as amended).	Copies of: i the Founding Statement – CK1; and ii the Memorandum of Incorporation setting out the object of the company, indicating the public benefit, cultural or social activity, or communal or group interest.
f. A natural person, sole proprietor or a Partnership	Copy(ies) of the Identity Document(s) of: i. such natural person/ sole proprietor, or each of the Partners to the Partnership.
g. A Trust	Deed of Trust duly indicating names of the Trustee(s) and Beneficiary (ies) as well as the purpose of the Trust and the mandate of the Trustees.

Signed by the Tenderer

Name of representative	Signature	Date



GAUTENG, JOHANNESBURG

**DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE: MAINTENANCE OF LIFTS AT
VARIOUS BUILDINGS IN JOHANNESBURG SURROUNDING AREAS: WCS 054389**

C1.1

FORM OF OFFER AND ACCEPTANCE

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

Project title:	<i>Department of Public Works and Infrastructure: Maintenance of lifts at various buildings in Johannesburg surrounding areas</i>		
Tender / Quotation no:	JHB 25/16	Reference no:	

OFFER

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

Department of Public Works and Infrastructure: Maintenance of lifts at various buildings in Johannesburg surrounding areas.

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

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

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

Rand (in figures) R

Rand (in words).....

.....

.....

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

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

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

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

**Any reference to the words "payment reduction" herein shall be construed to have the same meaning as the word "retention"
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Tender / Quotation no: JHB 25/16

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

SIGNED FOR THE TENDERER:

Name of representative	Signature	Date

WITNESSED BY:

Name of witness	Signature	Date

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

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

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

SECURITY OFFERED:

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

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

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

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

Tender / Quotation no: Error! Reference source not found.

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

.....
.....

Other Contact Details of the Tenderer are:

Telephone No. Cellular Phone No.

Fax No.

Postal address

Banker Branch.....

Registration No of Tenderer at Department of Labour

CIDB Registration Number:

ACCEPTANCE

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

The terms of the contract are contained in:

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

Part C2 Pricing data

Part C3 Scope of work

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

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

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

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

For the Employer:

Name of signatory	Signature	Date

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

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

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Effective date 5 July 2022

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Version 2022/04

Tender / Quotation no: JHB 25/16

Name of Organisation:	Department of Public Works and Infrastructure
Address of Organisation:	78 Mineralia Building, Cnr De Korte & De Beer Street Braamfontein, 2017

WITNESSED BY:

Name of witness	Signature	Date

Schedule of Deviations

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

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

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

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

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

**DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE: MAINTENANCE OF LIFTS AT
VARIOUS BUILDINGS IN JOHANNESBURG SURROUNDING AREAS: WCS 054389**

T2.2

RETURNABLE DOCUMENTS REQUIRED FOR TENDER EVALUATION PURPOSES

PA-11: DECLARATION OF INTEREST AND BIDDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES

Failure to complete this form in full and signed by the duly authorized person, as indicated on PA-15.1 or PA-15.3, shall render the tender non-responsive and will be removed from any and all further contention.

Project title:	<i>Department of Public Works and Infrastructure: Maintenance of lifts at various buildings in Johannesburg surrounding areas</i>		
Bid no:	<i>JHB 25/16</i>	Reference no:	

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

1. CIDB REGISTRATION NUMBER (if applicable)

--

2. Any legal person, including persons employed by the State¹; or persons having a kinship with persons employed by the state, including a blood relationship, may make an offer or offers in terms of this invitation to bid (includes a price quotation, advertised competitive bid, limited bid or proposal). In view of possible allegations of favouritism, should the resulting bid, or part thereof, be awarded to persons employed by the state, or to persons connected with or related to them, it is required that the bidder or his/her authorised representative declare his/her position in relation to the evaluating/adjudicating authority and/or take an oath declaring his/her interest, where:

- The bidder is employed by the state; and/or
- The legal person on whose behalf the bidding document is signed, has a relationship with persons/a person who are/is involved in the evaluation and or adjudication of the bid(s), or where it is known that such a relationship exists between the person or persons for or on whose behalf the declarant acts and persons who are involved with the evaluation and or adjudication of the bid.

3. In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.

3.1 Full Name of bidder or his or her representative:

3.2 Identity number:.....

3.3 Position occupied in the Company (director, trustees, shareholder² ect

3.4 Company Registration Number:

3.5 Tax Reference umber:.....

3.6 VAT Registration Number:

3.6.1 The names of all directors / trustees / shareholders / members, their individual identity numbers, tax reference numbers and, if applicable, employee / persal numbers must be indicated in paragraph 3 below.

¹ "State" means –

- (a) any national or provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No. 1 of 1999);
- (b) any municipality or municipal entity;
- (c) provincial legislature;
- (d) national Assembly or the national Council of provinces; or
- (e) Parliament.

² "Shareholder" means –

- (a) a person who owns shares in the company and is actively involved in the management of the enterprise or business and exercise control over the enterprise

3.7 Are you or any person connected with the bidder presently employed by the state?

☐ YES ☐ NO

3.7.1 If so, furnish the following particulars:

Name of person / director /trustees/shareholder/ member:.....

Name of state institution at which you or the person is connected to the bidder is employed

Position occupied in the state institution:.....

Any other particulars:

.....
.....

3.8 Did you or your spouse, or any of the company's directors / trustees/shareholders / members or their spouses conduct business with the state in the previous twelve months?

☐ YES ☐ NO

3.8.1 If so, furnish particulars:.....

.....

3.9 Do you, or any person connected with the bidder, have any relationship (family, friend, other) with a person employed by the state and who may be involved with the evaluation and or adjudication of this bid?

☐ YES ☐ NO

3.9.1 If so, furnish particulars.

.....
.....

3.10 Are you, or any person connected with the bidder, aware of any relationship (family, friend, other) between the bidder and any person employed by the state who may be involved with the

evaluation and or adjudication of this bid?

☐ YES ☐ NO

3.10.1 If so, furnish particulars.

.....
.....

3.11 Do you or any of the directors /trustees/shareholders/ members of the company have any interest in any other related companies whether or not they are bidding for this contract?

☐ YES ☐ NO

3.11.1 If so, furnish particulars:

.....
.....

4. Full details of directors / trustees / members / shareholders.

Full Name	Identity Number	Personal Tax Reference Number	State Employee Number / Persal Number

5. DECLARATION OF TENDERER / BIDDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES

5.1	Is the tenderer / bidder or any of its directors listed on the National Treasury's database as companies or persons prohibited from doing business with the public sector? (Companies or persons who are listed on this database were informed in writing of this restriction by the National Treasury after the audi alteram partem rule was applied).	☐ Yes	☐ No
5.2	If so, furnish particulars:		

5.3	Is the tenderer / bidder or any of its directors listed on the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004)? To access this Register enter the National Treasury's website, www.treasury.gov.za, click on the icon "Register for Tender Defaulters" or submit your written request for a hard copy of the Register to facsimile number (012) 3265445.	☐ Yes	☐ No
5.4	If so, furnish particulars:		
5.5	Was the tenderer / bidder or any of its directors convicted by a court of law (including a court outside of the Republic of South Africa) for fraud or corruption during the past five years?	☐ Yes	☐ No
5.6	If so, furnish particulars:		
5.7	Was any contract between the tenderer / bidder and any organ of state terminated during the past five years on account of failure to perform on or comply with the contract?	☐ Yes	☐ No
5.8	If so, furnish particulars:		

6. CERTIFICATION

I the undersigned (full name) _____ certify that the information furnished on this declaration form is true and correct.

I accept that, in addition to cancellation of a contract, action may be taken against me should this declaration prove to be false.

Name of Tenderer / bidder	Signature	Date	Position

This form has been aligned with SBD4 and SBD 8

PA-15.1: RESOLUTION OF BOARD OF DIRECTORS

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

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

Held at _____ (place)

on _____ (date)

RESOLVED that:

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

_____ (project description as per Bid / Tender Document)

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

2. *Mr/Mrs/Ms: _____

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

and who will sign as follows: _____

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

	Name	Capacity	Signature
1			
2			
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4			
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20			

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

Note:

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

ENTERPRISE STAMP

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

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

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

Held at _____ (place)

on _____ (date)

RESOLVED that:

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

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

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

(Project description as per Bid /Tender Document)

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

2. *Mr/Mrs/Ms: _____

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

and who will sign as follows: _____

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

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

Physical address: _____

_____ (code)

Postal Address: _____

_____ (code)

Telephone number: _____

Fax number: _____

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

Note:

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

ENTERPRISE STAMP

PA-15.3: 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
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The bidding enterprise hereby absolves the Department of Public Works from any liability whatsoever that may arise as a result of this document being signed.

Note:

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

DPW-16 (EC): SITE INSPECTION MEETING CERTIFICATE

Project title:	<i>Department of Public Works and Infrastructure: Maintenance of lifts at various buildings in Johannesburg surrounding areas</i>		
Tender no:	<i>JHB 25/16</i>	Reference no:	
Closing date:	<i>13 November 2025</i>		

This is to certify that I, _____ representing
 _____ in the company of
 _____ visited the site on:

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

Name of Tenderer	Signature	Date

Name of DPW Representative	Signature	Date

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

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

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

1. GENERAL CONDITIONS

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

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

1.2.

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

1.3. Points for this bid shall be awarded for:

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

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

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

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

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

2. DEFINITIONS

- (a) **“B-BBEE”** means broad-based black economic empowerment as defined in section 1 of the Broad-Based Black Economic Empowerment Act;
- (b) **“B-BBEE status level of contributor”** means the B-BBEE status of an entity in terms of a code of good practice on black economic empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act;
- (c) **“bid”** means a written offer in a prescribed or stipulated form in response to an invitation by an organ of state for the provision of goods or services, through price quotations, advertised competitive bidding processes or proposals;
- (d) **“Broad-Based Black Economic Empowerment Act”** means the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);
- (e) **“EME”** means an Exempted Micro Enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;
- (f) **“functionality”** means the ability of a tenderer to provide goods or services in accordance with specifications as set out in the tender documents.
- (g) **“prices”** includes all applicable taxes less all unconditional discounts;
- (h) **“proof of B-BBEE status level of contributor”** means:

1)	certificate issued by an authorized body or person;	B-BBEE Status level
2)	prescribed by the B-BBEE Codes of Good Practice;	A sworn affidavit as
3)	requirement prescribed in terms of the B-BBEE Act;	Any other
- (i) **“QSE”** means a qualifying small business enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;
- (j) **“rand value”** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;

3. POINTS AWARDED FOR PRICE

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:

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

Where

- P_s = Points scored for price of bid under consideration
- P_t = Price of bid under consideration
- $P_{\min}$ = Price of lowest acceptable bid

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

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

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

5. BID DECLARATION

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

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

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

7. SUB-CONTRACTING

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

(Tick applicable box)

YES	☐	NO	☐
-----	--------------------------	----	--------------------------

- 7.1.1 If yes, indicate:

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

(Tick applicable box)

YES	☐	NO	☐
-----	--------------------------	----	--------------------------

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

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

8. DECLARATION WITH REGARD TO COMPANY/FIRM

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

1.2. VAT registration number:.....

1.3. Company registration number:.....

1.4. TYPE OF COMPANY/ FIRM

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

[TICK APPLICABLE BOX]

1.5. DESCRIBE PRINCIPAL BUSINESS ACTIVITIES

.....

1.6. COMPANY CLASSIFICATION

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

[TICK APPLICABLE BOX]

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

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

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

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

WITNESSES

1.

2.

.....
SIGNATURE(S) OF BIDDERS(S)

DATE:

ADDRESS

.....

.....

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

Project title:	<i>Department of Public Works and Infrastructure: Maintenance of lifts at various buildings in Johannesburg surrounding areas</i>		
Tender / quotation no:	JHB 25/16	Closing date:	13 November 2025
Advertising date:	24 October 2025	Validity period:	84 Calendar days

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

1.1. Current projects

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

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



1.2. Completed projects

Projects completed in the previous 10 (ten) years	Name of Employer or Representative of Employer	Contact tel. no.	Contract sum	Contractual commencement date	Contractual completion date	Date of Certificate of Practical Completion
1						
2						
3						
4						
5						
6						
7						

Name of Tenderer	Signature	Date



GAUTENG, JOHANNESBURG

**DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE: MAINTENANCE OF LIFTS AT
VARIOUS BUILDINGS IN JOHANNESBURG SURROUNDING AREAS: WCS 054389**

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 / under developed area/township	Indicate if military veteran
1.		%	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
2.		%	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
3.		%	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
4.		%	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
5.		%	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
6.		%	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
7.		%	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
8.		%	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
9.		%	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
10.		%	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
11.		%	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
12.		%	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ 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:	<i>Department of Public Works and Infrastructure: Maintenance of lifts at various buildings in Johannesburg surrounding areas</i>		
Tender no:	<i>JHB 25/16</i>	Reference no:	

1. I / We confirm that the following communications received from the Department of Public Works before the submission of this tender offer, amending the tender documents, have been taken into account in this 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 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:	<i>Department of Public Works and Infrastructure: Maintenance of lifts at various buildings in Johannesburg surrounding areas</i>		
Tender no:	<i>JHB 25/16</i>	Reference no:	

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

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

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

Name of representative	Signature	Capacity	Date

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

DPW-22 (EC): PARTICULARS OF ELECTRICAL CONTRACTOR

Project title:	<i>Department of Public Works and Infrastructure: Maintenance of lifts at various buildings in Johannesburg surrounding areas</i>		
Tender no:	JHB 25/16	Reference no:	

Name of Electrical Contractor:	
Address:	
Electrical Contractor registration number at the Electrical Contracting Board of S.A.:	

Name of Tenderer	Signature	Date

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

Project title:	<i>Department of Public Works and Infrastructure: Maintenance of lifts at various buildings in Johannesburg surrounding areas</i>		
Tender no:	<i>JHB 25/16</i>	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 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



ANNEXURE: A

UNDERTAKING FOR THE PROVISION OF EPWP

PROJECT TITLE	MAINTENANCE OF LIFTS AT VARIOUS BUILDINGS IN JOHANNESBURG SURROUNDING AREAS
----------------------	--

Tender No. :.....

Date Advertised :.....

Closing Date :.....

Site Briefing :.....

I representing the

Company.....

Hereby declare that should my Bid be successful, the company will comply with the EPWP requirements and absorb minimum of 30 full time employees for the duration of the project.

The Bidder will comply with EPWP requirements including providing monthly reporting.

Should the Bidder not sign this declaration, the Bid will be deemed Non-responsive and it will not be evaluated further.

Name of the person:..... Date:.....

Signature of the representative:.....



GAUTENG, JOHANNESBURG

**DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE: MAINTENANCE OF LIFTS AT
VARIOUS BUILDINGS IN JOHANNESBURG SURROUNDING AREAS: WCS 054389**

VOLUME 3

CONTRACT



GAUTENG, JOHANNESBURG

**DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE: MAINTENANCE OF LIFTS AT
VARIOUS BUILDINGS IN JOHANNESBURG SURROUNDING AREAS: WCS 054389**

PART C1

AGREEMENT AND CONTRACT DATA



GAUTENG, JOHANNESBURG

**DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE: MAINTENANCE OF LIFTS AT
VARIOUS BUILDINGS IN JOHANNESBURG SURROUNDING AREAS: WCS 054389**

C1.2

CONTRACT DATA

DPW-05: (EC) CONTRACT DATA - GCC 2015: 3RD EDITION

Project title:	<i>Department of Public Works and Infrastructure: Maintenance of lifts at various buildings in Johannesburg surrounding areas</i>				
Tender no:	JHB 25/16	WCS no:	054389	Reference no:	

	The Conditions of Contract applicable to this Contract are clauses 1 to 10 and contract price adjustment schedule of the GENERAL CONDITIONS OF CONTRACT FOR CONSTRUCTION WORKS, THIRD EDITION (2015) prepared by The South African Institution of Civil Engineering Private Bag X200, Halfway House, 1685. Contractors are cautioned to read the GCC Third Edition (2015) and Contract Data [DPW-05 (EC)] together as some clauses in the GCC Third Edition (2015) have been amended in the Contract Data [DPW-05 (EC)] Specific data, which together with these General Conditions of Contract, collectively describe the risks, liabilities and obligations of the contracting Parties and the procedures for the administration of the Contract. Clauses as amended in the Contract Data amends or replaces the corresponding clauses in the GCC Third Edition (2015). Copies of these conditions of contract may be obtained through www.saice.org.za.
--	--

	CONTRACT VARIABLES THE SCHEDULE (Contract Data [1.1.1.8]) The schedule is the listed variables in this agreement and contains all variables referred to in this document including specific changes made to GCC Third Edition (2015) documentation. It 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’ 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
--	--

PART 1: CONTRACT DATA COMPLETED BY THE EMPLOYER:

A PROJECT INFORMATION

A 1.0 Works [1.1.1.35]

Works description	Refer to document PG01.1 (EC) – Scope of Works for detailed description
The scope of work is specialised work, it is maintenance of existing lifts and should be done by competent contractor.	

Tender / Quotation no: JHB 25/16

A 2.0 Site [1.1.1.29]

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

A 3.0 EMPLOYER AND ITS REPRESENTATIVE

A 3.1 Employer:

Official Name of Organ of State / Public Sector Body	Government of the Republic of South Africa in its Department of Public Works & Infrastructure		
Business registration number	Not applicable	VAT number	Not applicable
E-mail	Robert.Rono@dpw.gov.za	Telephone	011 713 6088
Postal address	Department of Public Works & Infrastructure Private Bag X3 Braamfontein 2017		
Physical address	78 Mineral Building Cnr De Korte & De Beer Street Braamfontein 2017		

A 3.2 Employer's Representative:

Name	Lebohang Matsau	Telephone number	010 977 7776
E-mail	Lebohang@mothapo.com	Mobile number	
Postal address	Mothapo Consulting Engineers P.O. Box 50781 Midrand 1685		
Physical address	Unit 23 Block C, Cedar Tree Office Park Cnr Cedar Road & Stinkwood Close Fourways 2191		

Tender / Quotation no: JHB 25/16

A 4.0	Employers Agent/s		Mothapo Consulting Engineers
A 4.1	Principal Agent [1.1.1.16]	Discipline	Electrical Engineer

Name	Lebohang Matsau		
Legal entity of above	Mothapo Consulting Engineers	Contact person	Lebohang Matsau
Practice number		Telephone number	010 977 7776
Country	South Africa	Mobile number	
E-mail	Lebohang@mothapo.com		
Postal address	Mothapo Consulting Engineers P.O. Box 50781 Midrand 1685		
Physical address	Unit 23 Block C, Cedar Tree Office Park Cnr Cedar Road & Stinkwood Close Fourways 2191		

A 4.2	Agent [1.1.1.16]	Discipline	Mechanical Engineer
--------------	-------------------------	-------------------	---------------------

Name	Goodwill Maweela		
Legal entity of above	Mothapo Consulting Engineers	Contact person	Goodwill Maweela
Practice number		Telephone number	010 977 7776
Country	South Africa	Mobile number	
E-mail	goodwill@mothapo.com		
Postal address	Mothapo Consulting Engineers P.O. Box 50781 Midrand 1685		
Physical address	Unit 23 Block C, Cedar Tree Office Park Cnr Cedar Road & Stinkwood Close Fourways 2191		

A 4.3	Agent [1.1.1.16]	Discipline	
--------------	-------------------------	-------------------	--

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

Tender / Quotation no: JHB 25/16

A 4.4	Agent [1.1.1.16]	Discipline	
--------------	-------------------------	-------------------	--

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

A 4.5	Agent [1.1.1.16]	Discipline	
--------------	-------------------------	-------------------	--

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

A 4.6	Agent [1.1.1.16]	Discipline	
--------------	-------------------------	-------------------	--

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

Tender / Quotation no: JHB 25/16

A 4.7	Agent [1.1.1.16]	Discipline	
--------------	-------------------------	-------------------	--

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

A 4.8	Agent [1.1.1.16]	Discipline	
--------------	-------------------------	-------------------	--

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

A 4.9	Agent [1.1.1.16]	Discipline	
--------------	-------------------------	-------------------	--

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

Tender / Quotation no: JHB 25/16

B CONTRACT INFORMATION

B 1.0 Definitions [1.1.1.2]

Bills of quantities: System / Method of measurement	SANS 1200
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B 2.0 Law, regulations and notices [1.3.2]

Law applicable to the works [1.3.2]	Law of the Republic of South Africa
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B 3.0 Offer and acceptance [1.1.1.20]

Currency applicable to this agreement [1.1.1.20]	South African Rand
--	--------------------

B 4.0 Documents [1.1.1.7]

The original signed agreement is to be held by the principal agent [1.1.1.7], if not, indicate by whom	Employer
Number of copies of construction information issued to the contractor at no cost. (3 Copies of all relevant construction documentation – this to includes 1 priced Bills of Quantities and 2 unpriced Bills of Quantities)	3

Documents comprising the agreement	Page numbers
GCC GENERAL CONDITIONS OF CONTRACT FOR CONSTRUCTION WORKS, THIRD EDITION (2015)	
DPW-05: (EC): GCC 2015: 3RD EDITION	
The GCC General Preliminaries for use with the GCC 2015: 3RD EDITION	
Contract participation goal documentation as further defined in clause 1.1.1.37 [CD] and B16 [CD]	
Drawings as per drawing register issued with the tender	
Specifications issued with the tender	
Schedules issued with the tender	
Bills of Quantities issued with the tender	
Addenda as issued during tender stage, if applicable	As issued

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B 5.0 Employer's agents [3.0]

Authority is delegated to the following agents to issue contract instructions and perform duties for specific aspects of the works [3.0] [3.2.3 [CD]]

Principal Agent
Mothapo Consulting Engineers

Principal agent's and agents' interest or involvement in the works other than a professional interest

Mothapo Consulting Engineers

B 6.0 Insurances [8.6]

Insurances by contractor

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

Insured amounts to include VAT.

	The Contract Price [8.6.1.1.1] New Works With a deductible not exceeding 5% of each and every claim [8.6.2]	Contract sum plus 10%	Not Applicable
Or	The Contract Price [8.6.1.1.1] Works with alterations and additions (reinstatement value of existing structures / works without or including new works) with a deductible not exceeding 5% of each and every claim [8.6.2]	Contract sum plus 10%	Applicable
Or	The Contract Price [8.6.1.1.1] Works with practical completion in sections with a deductible not exceeding 5% of each and every claim [8.6.2]	Contract sum plus 10%	Not Applicable
	Plant and materials supplied by the Employer [8.6.1.1.2]	R Eng / PQS to determine value	Not Applicable
	Professional fees not included in the Contract Price, payable in respect of the repair or reinstatement of damage to the Works or said movables, plus Escalation thereon (if not included above). Minimum R1m unless other amount indicated. [8.6.1.1.3]	R Eng / PQS to determine value	Not Applicable
	Direct contractors [8.6.1.1.2] where applicable, to be included in the contract works insurance	R Eng / PQS to determine value	Not Applicable
	Special Risks Insurance issued by Sasria [8.6.1.2]	R Eng / PQS to determine value	Not Applicable

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Public liability insurance [8.6.1.3]	R 5 000 000	Applicable
Ground support insurance [8.6.1.4]	R Eng / PQS to determine value	Not Applicable
Subcontractors insurance [8.6.3] where applicable, if not included in works insurance nor by sub-Contractors	R Eng / PQS to determine value	Not Applicable
Other insurances [8.6.1.5]		
Free issue where applicable, to be included in the contract works insurance	R Eng / PQS to determine value	Not Applicable
Hi Risk Insurance when the project is being executed in a geological area classified as a "High Risk Area" [8.6.8[CD]]	R Eng / PQS to determine value	Not Applicable
Other insurances: If applicable, description 1:	R Eng / PQS to determine value	Not Applicable
Other insurances; If applicable, description 2:	R Eng / PQS to determine value	Not Applicable

B 7.0 Obligations of the employer

Existing premises will be in use and occupied [5.4.1 & 5.4.2]	Applicable
If applicable, description: Various Government Buildings, Johannesburg	
Restriction of working hours [5.8]	Not Applicable
If applicable, description:	
Natural features and known services to be preserved by the contractor [4.7]	Not Applicable
If applicable, description:	
Restrictions to the site or areas that the contractor may not occupy [5.4.1 & 5.4.2]	Not Applicable
If applicable, description:	

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Supply of free issue of material and goods [8.6.1.1.2]	Amount	R	Not Applicable
If applicable, description:			

B 8.0 Subcontractors [4.4]

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

B 9.0 Description of different portions of the works, if applicable [5.14.7, B10.3 [CD]]

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

B 10.0 Contract period [B18: 1.2], Construction period [B18: 1.1], Possession of site [5.4.1], Practical Completion [1.1.1.14, 5.14.1], Completion (Final Approval Certificate) [5.16.1] and Penalties [5.13]

B 10.1 Contract Period

Contract period: Period in **months** as indicated, include the time from the date of award (commencement date [5.2.1]) for submitting contractual obligatory documents, submission of Health & Safety Plan and approval, period for obtaining the Construction Permit (if applicable), the Construction Period and the Defect Liability Period up to and including Final Completion

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The contract period is determined as follows (Period/s indicated in months):	
Period to submit contractual obligatory documents including submission and approval of health and safety plan by the appointed Health & Safety Agent	38
Period to obtain Construction Permit from Department of Labour upon approval of the Health & Safety Plan by the appointed Health & Safety Agent	21 days
Total construction period for the Works as a whole from date of Access to and Possession of the Site up to and including Practical Completion , as indicated below [1.1.1.14, 5.4.1, 5.14.1]	36 months
Period to achieve Completion [5.14.4]	36 Months
Defect liability period up to and including issuing Final Approval Certificate in months [5.16.1]	12 months
Total Contract Period	38 Months

B10.2 Construction Period for completion of the Works as a whole

Construction period [B18: 1.2] and Practical Completion for the Works as a whole [5.14.1] The time for achieving Practical Completion of the whole of the Works is measured from the date of Access to and Possession of the site (5.4.1) by the contractor inclusive of all public holidays, special non-working days and builders' holiday shut down periods .	Applicable
The date for practical completion for the works as a whole shall be the period in months as indicated, starting from the date of Access to and Possession of the site by the contractor inclusive of all special non-working days and builders' holiday shut down periods [1.1.1.14, 5.4.1, 5.14.1]	36 months
Notification period for inspection in working days by the principal agent.	7 days
Penalty amount per calendar day for late submission of contractual obligatory documents: Ten percent (10%) of the penalty amount per calendar day for late Practical Completion, excluding VAT. [5.13]	R 1 800
Penalty amount per calendar day for late Practical Completion , excluding VAT. [5.13].	R 3 500
Penalty amount per calendar day for late Completion [5.14.4, 5.13]: Thirty percent (30%) of penalty amount per calendar day for late Practical Completion, excluding VAT.	R 5000
Penalty amount per calendar day for late Final Completion (Issuing of Final Approval Certificate) [5.16, 5.13]: Fifteen percent (15%) of penalty amount per calendar day for late Practical Completion, excluding VAT.	R 10 000

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B10.3 Construction Period for completion of the Works in portions

Construction period and Practical completion for portions of the Works [5.14.7]					Not Applicable	
Portions of the Works in sections:	1	2	3	4	5	6
Notification period for inspection by the principal agent in working days .						
The date for practical completion shall be the period in months as indicated from the date of access and possession of the site by the contractor [1.1.1.14, 5.4.1, 5.14.1]						
The date for practical completion for the whole of the Works, if applicable shall be the period in months as indicated from the date of Access to and Possession of the Site by the contractor inclusive of all public holidays, special non-working days and builders' holiday shut down periods [5.4.1, 12.2.7; 24.1]					Not Applicable	
Penalty for late Practical Completion, if completion in sections is required , excluding VAT [5.13]						
The penalty amount per day for failing to complete section 1 of the Works is:					R	
The penalty amount per day for failing to complete section 2 of the Works is:					R	
The penalty amount per day for failing to complete section 3 of the Works is:					R	
The penalty amount per day for failing to complete section 4 of the Works is:					R	
The penalty amount per day for failing to complete section 5 of the Works is:					R	
The penalty amount per day for failing to complete section 6 of the Works is:					R	
The penalty amount per day for failing to complete the whole of the Works, if applicable, is:					R	
Penalty amount per calendar day for late submission of contractual obligatory documents: To be calculated at Ten percent (10%) of penalty / calendar day to complete the whole of the Works as indicated above, excluding VAT.						
Penalty amount per calendar day for late Completion [5.14.4, 5.13]: To be calculated at Thirty percent (30%) of penalty / calendar day to complete the whole of works , excluding VAT						
Penalty amount per calendar day for late Final Completion (Issuing of Final Approval Certificate) [5.16, 5.13]: To be calculated at Fifteen percent (15%) of penalty / calendar day to complete the whole of works excluding VAT						

B 11.0 Criteria to achieve Practical Completion [1.1.1.14, 5.14.1]

Criteria to achieve Practical Completion not covered in the definition of practical completion	
13.1	Obtain Occupation Certificate from the relevant authority prior to issuing the Practical Completion certificate
13.2	All relevant CoCs
13.3	All guarantees

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13.4	Training on electrical, security and mechanical installations if contractually required
13.5	Maintenance / operating manuals
13.6	CPG and cidb BUILD programme achievement certificates submitted with substantiating documentation
13.7	
13.8	
13.9	
13.10	

B 12.0 Defects liability period [5.16]

Defects liability period: Refer B10.1

Applicable	If applicable, description of applicable elements
14.1	All civil works (e.g. roads, storm water system, paving, sewer and water lines, etc.)
14.2	Mechanical equipment (e.g. pumps including switchgear, etc.)
14.3	Landscaping including automated systems (irrigation)
14.4	Electrical equipment (e.g. emergency generators, electronic switchgear, etc..)
14.5	Security system/s (e.g. Access control, Intruder alarm, etc.)
14.6	Air conditioning system and plant
14.7	
14.8	
14.9	
14.10	

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B 13.0 Payment [6.10]

Date of month for issue of regular payment certificates Refer [6.10.1]	20 TH of each month
Contract price adjustment / cost fluctuations [6.8.2]	Applicable
If yes, method to calculate [6.8.2 [CD]]	Contract price adjustment factor
Employer shall pay the contractor within: Refer [6.10.4 [CD]]	Thirty (30) calendar days

B 14.0 Dispute resolution [10.5 [CD]]

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

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B 15.0 SPECIFIC CHANGES MADE TO GCC 2015: 3RD EDITION

CONTRACT SPECIFIC DATA	
The following contract specific data, referring to the General Conditions of Contract for Construction Works, Third Edition (2015) are applicable to this Contract:	
CLAUSES	COMPULSORY DATA
1.1.1.8	Amend Clause 1.1.1.8 to include the word “rights” to read as follows: “Contract Data” means the specific data which, together with these General Conditions of Contract, collectively describe the rights, risks, liabilities and obligations of the contracting parties and the procedures for the administration of the Contract.
1.1.1.9	Add to Clause 1.1.1.9 the following: “If the Contractor constitutes under the Law of the Republic of South Africa (B2.0) a joint venture, consortium or other unincorporated grouping of two or more persons: (a) these persons shall be deemed to be jointly and severally liable to the Employer for the performance of the Contract; (b) these persons shall notify the Employer of their leader who shall have authority to bind the Contractor and each of these persons; and (c) the Contractor shall not alter its composition or legal status without the prior consent of the Employer.”
1.1.1.13	Amend Clause 1.1.1.13 as follows: “Defects Liability Period” means the period stated in the Contract Data, commencing on the date indicated on the Certificate of Completion for the works as a whole or Certificates of Completion in the event of more than one Certificate of Completion is issued for different parts of the Works, during which the Contractor has both the right and the obligation to make good defects in the materials, Plant and workmanship covered by the Contract. Defects Liability Period is: 12 months . The Defects Liability Period for the works shall commence on the calendar day following the date of the Certificate of Completion for the works as a whole or Certificates of Completion in the event of more than one Certificate of Completion is issued for different parts of the Works and end at midnight (00:00) three hundred and sixty five days (365) calendar days from the date of the Certificate of Completion.
1.1.1.14	Amend Clause 1.1.1.14 as follows: “Due Completion Date” means the date of expiry of the time stated in the Contract Data for achieving Practical Completion of the Works, calculated from the date of Access to and Possession of Site date (5.4.1) and as adjusted by such extensions of time or acceleration as may be allowed in terms of Contract (5.12).
1.1.1.15	The name of the Employer: Refer to A 3.1 [CD]
1.1.1.16	The name of the Employer’s Representative: Refer to A 3.2 [CD]
1.1.1.17	The name of the Employer’s Agent: Refer to A 4.0 and B 5.0 [CD]

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1.1.1.20	Amend Clause 1.1.1.20 by inserting the following words at the end of this definition: "If the Acceptance section of the Form of Offer and Acceptance" contains conditional statements or a schedule of deviations is attached to the Form of Offer and Acceptance, then Form of Offer and Acceptance means the Contract Agreement, that shall be substantially in accordance with the form attached to the Scope of Works, and the date of signing the Contract Agreement shall be the date of the Form of Offer and Acceptance"
1.1.1.21.A	Add new Clause 1.1.1.21.A The interest rates applicable on this contract, whether specifically indicated in the relevant clauses or not, will be the rate as determined by the Minister of Finance from time to time, in terms of section 80(1)(b) of the Public Finance Management Act, 1999 (Act No 1 of 1999) as amended, calculated as simple interest, in respect of debts owing to the State, and will be the rate as published by the Minister of Justice and Correctional Services from time to time, in terms of section 1(2) of the Prescribed Rate of Interest Act, 1975 (Act No 55 of 1975) as amended, calculated as simple interest, in respect of debts owing by the State.
1.1.1.27	This Pricing Strategy is a: Re-measurement Contract.
1.1.1.31	Not applicable to this Contract.
1.1.1.35	Insert the definition of "Value of Works" as Clause 1.1.1.35: "Value of Works" means the value of the Works certified by the Employer's Agent as having been satisfactorily executed and shall include the value of the works done, the value of the materials and/or plant and Contract Price Adjustments.
1.1.1.36	Insert the definition of "Latent and Patent Defects" as Clause 1.1.1.36: A 'latent defect' is a material defect, which was not visible after 'reasonable' inspection. The latent defect period commences at the date of Final Approval Certificate and ends 5 years [after that date [5.16.3]. A patent defect is a flaw that is not hidden and ought to be easily identified upon reasonable inspection.
1.1.1.37	Add new Clause 1.1.1.37 Contract participation goals applicable to this Contract are as indicated in B16 [D] and described in the following tender documents: DPW 03 (EC): TENDER DATA, PG 01.1 (EC) SCOPE OF WORK and PG 02.1 (EC) PRICING ASSUMPTIONS.
1.2.3.	Replace Clause 1.2.3. with the following: The Employer's Agent is as indicated in clause B 5.0 and shall have the authority to act on behalf of the employer as indicated in the contract document read with the contract data. [3.2.3].
1.2.6	Add new Clause 1.2.6 The priority of the documents shall be in accordance with the following sequence: (a) The Form of Offer and Acceptance and the signed Schedule of Deviations, (b) Contract Data, (c) These General Conditions of Contract, (e) Scope of Work, and (f) Pricing Data
1.3.4	Not applicable to this Contract.

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1.3.5	Replace Clause 1.3.5 with the following: (a) The Employer will become the owner of the information, documents, advice, recommendation and reports collected, furnished and/or compiled by the Contractor during the course of, and for the purposes of executing this Contract, all of which will be handed over to the Employer on request during the contract, but in any event on completion of contract, the termination and/or cancellation of this Contract for whatever reason. The Contractor relinquishes its lien / retention or any other rights thereon to which it may be entitled. (b) The copyright of all documents, recommendations and reports compiled by the Contractor during the course of and for the purposes of finalizing the Works will vest in the Employer, and may not be reproduced or distributed or made available to any person outside the Employer's service, or to any institution in any way, without the prior written consent of the Employer. The Employer shall have the right to use such material for any other purpose without the approval of information or payment to the Contractor. (c) The copyright of all electronic aids, software programmes etc. prepared or developed in terms of the Contract shall vest in the Employer, who shall have the right to use such material for any other purpose without the approval of, information or payment to the Contractor. (d) In case of the Contractor providing documents, electronic aids, software programs or like material to the Employer, the development of which has not been at the expense of the Employer, copyright shall not vest in the Employer. The Contractor shall be required to indicate to which documents, electronic aids, software programs or like material this provision applies. (e) The Contractor hereby indemnifies the Employer against any action, claim, damages or legal cost that may be instituted against the Employer on the grounds of an alleged infringement of any copyright, patents or any other intellectual property right in connection with the Works outlined in this Contract. (f) All information, documents, recommendations, programs and reports collected or compiled must be regarded as confidential and may not be communicated or made available to any person outside the Employer's service and may not be published either during the currency of this Contract or after termination thereof without the prior written consent of the Employer.
1.3.7	Replace Clause 1.3.7 with the following By entering into this contract, the Contractor waives any lien that he may have or acquire, notwithstanding any other condition/s in this contract.
3.2.3	Add to Clause 3.2.3 the following: 1. The Employer's Principal Agent's authority to act and/or to execute functions or duties or to issue instructions are expressly excluded in respect of the following, unless same has been approved by the employer: (a) Appointment of Subcontractors – clause 4.4.4; (b) Granting of an extension of time and/or ruling on claims associated with claims for extension of time – clauses 5.12, 10.1.5; (c) Acceleration of the rate of progress and determination of the cost for payment of such acceleration – clause 5.12.4; (c) Rulings on claims and disputes – clauses 10.1.5, 10.2.3 and 10.3.3; (d) Suspension of the Works – clause 5.11.2; (e) Final Payment Certificate – clause 6.10.9;

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	(f) Issuing of <i>mora</i> notices to the Contractor – clauses 9.1.1, 9.1.2.1 and 9.2.1; (g) Cancellation of the contract between the Employer and Contractor – clauses 9.1.1, 9.1.2.1 and 9.2.1. (h) Any variation orders – clause 6.3.1 2. In order to be legally binding and have legal bearing and consequence, any ruling in respect of the above matters (a) to (h) must be on an official document, signed and issued by the Employer to the Contractor. 3. The Contractor must submit claims, demands, notices, notifications, updated particulars and reports in writing, as well as any other supporting documentation pertaining thereto, in respect of any of the above listed matters (a) to (h), to the Employer's Agent within the time periods and in the format(s) as determined in the relevant clauses of the Conditions of Contract. Failing to deliver such to the Employer's Agent and in the correct format will invalidate any claim and the consequences of such failure will <i>mutatis mutandis</i> be as stated in clause 10.1.4. 4. Clauses 6.10.9 and 10.1.5 shall be amended as follows to indicate the limitation on the Employer's Agent authority in respect thereof: Clause 6.10.9 – Amend to read as follows: Within 14 days of the date of final approval as stated in the Final Approval Certificate, the Contractor shall deliver to the Employer's Agent a final statement claiming final settlement of all moneys due to him (save in respect of matters in dispute, in terms of Clauses 10.3 to 10.11, and not yet resolved). The Employer's Agent shall within 14 days issue to the Contractor a Final Payment Certificate the amount of which shall be paid to the Contractor within 30 days of the date of such certificate, after which no further payments shall be due to the Contractor (save in respect of matters in dispute, in terms of Clauses 10.3 to 10.11 and not yet resolved). Clause 10.1.5 – Amend to read as follows: Unless otherwise provided in the Contract, the Employer shall, within 28 days after the Contractor has delivered his claim in terms of Clause 10.1.1 as read with Clause 10.1.2, deliver to the Contractor his written and adequately reasoned ruling on the claim (referring specifically to this Clause). The amount thereof, if any, allowed by the Employer shall be included to the credit of the Contractor in the next payment certificate. If no ruling has been made within the 28 days, as referred to in clause 10.1.5. or any extension thereof as agreed to by the parties, the claim shall be regarded as rejected by the Employer. 5. Insert the following under 3.2.3: Provided that, notwithstanding any provisions to the contrary in the Contract, the Employer shall have the right to reverse and, should it deem it necessary, to amend any certificate, instruction, decision or valuation of the Employer's Agent and to issue a new one, and such certificate instruction, decisions or valuations shall for the purposes of the Contract be deemed to be issued by the Employer's Agent, provided that the Contractor shall be remunerated in the normal manner for work executed in good faith in terms of an instruction issued by the Employer's Agent and which has subsequently been rescinded.
3.3.2.1	Amend Clause 3.3.2.1 to insert the word "plant" to read as follows: Observe how the Works are carried out, examine and test materials, plant and workmanship, and receive from the Contractor such information as he shall reasonably require.

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3.3.2.2.3	Add to Clause 3.3.2.2.3 the following: All oral communication must be reduced into writing to be binding on the parties.
3.3.2.2.4	Add to Clause 3.3.2.2.4 the following: All oral communication must be reduced into writing to be binding on the parties.
3.3.3.2	Amend Clause 3.3.3.2 to insert the word “plant” to reads as follows: Notwithstanding any authority assigned to him in terms of Clauses 3.3.2 and 3.3.4, failure by the Employer’s Agent’s Representative to disapprove of any work, workmanship, plant or materials shall not prejudice the power of the Employer’s Agent’s thereafter to disapprove thereof and exercise any of his powers in terms of the Contract in respect of thereof.
4.4.4	Ref Clause 3.2.3.
4.4.6	Not applicable to this Contract.
4.8.2.1	Amend Clause 4.8.2.1 to include the word “person”, as follows: Makes available to the Employer, or to any such contractor, person or authority, any roads or ways for the maintenance of which the Contractor is responsible, or
4.8.2.2	Amend Clause 4.8.2.2 to include “Employer” and “contractors”, as follows: Provides any other facility or service of whatsoever nature to the Employer or to any of the said contractors, persons or authorities,
4.12.3	Add to Clause 4.12.3 the following: All oral communication must be reduced into writing to be binding on the parties.
5.3.1	Add to Clause 5.3.1: The documentation required before commencement with Works execution are: • Health and Safety Plan to be provided within 14 calendar days from award (Ref Clause 4.3) • Initial programme to be provided within 21 calendar days of handing over the site to the contractor (Clause 5.6) • Security (C1.0, Clause 6.2) • Insurance/s (B6, Clause 8.6) • <i>insert other requirements</i> • insert other requirements • insert other requirements
5.3.2	Add to Clause 5.3.2: The time to submit the documentation required before commencement with Works execution is: 21 calendar days.
5.4.2	Add to Clause 5.4.2: The access to, and possession of, the Site referred to in Clause 5.4.1 shall be not exclusive to the Contractor. In the event of access to, and possession of, the Site is not exclusive to the Contractor, the following limitations apply: Insert an exposition of limitation or refer to separate attachement in specifications

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5.6.2.2	Replace Clause 5.6.2.2 with the following: The sequence, timing of activities and resources for carrying out the Works.
5.6.2.7	Add the following to Clause 5.6.2.7: Updated cash flows and construction programme/s to be submitted on a monthly basis to the Employer's Agent and the Employer.
5.8.1	Add the following to Clause 5.8.1: The non-working days are: Saturdays and Sundays The special non-working days are: Public Holidays and the year-end break annually published by the BCCEI (Bargaining Council for the Civil Engineering Industry)
5.9.1	Amend Clause 5.9.1 as follows: On the Commencement Date, the Engineer shall deliver to the Contractor three (3) copies, at no cost to the Contractor, of the drawings and any instructions required for the commencement of the Works. The cost of any additional copies of such drawings and/or instructions, as may be required by the Contractor, will be for the account of the Contractor.
5.11.2	Ref Clause 3.2.3
5.12	Ref Clause 3.2.3
5.12.2.2	Amend Clause 5.12.2.2 as following: "Abnormal climatic conditions, therefore any weather conditions i.e. rain, wind (speed or dust), snow, frost, temperature (cold or heat) that have an adverse effect on the progress of the Works and during which no work is possible on site."
5.13.1	Add the following to Clause 5.13.1: The penalty for failing to complete the Works: Refer to B10 CD
5.14.1	Amend the second paragraph of Clause 5.14.1 as follows: When the Works are about to reach the said stage, the Contractor shall, in writing, request a Certificate of Practical Completion and the Employer's Agent shall, within 14 days after receiving such request, issue to the Contractor a written list setting out the work to be completed to justify Practical Completion. Should the Employer's Agent not issue such a list within the 14 days, the Contractor shall notify the Employer accordingly. Should the Employer not issue such a list within 7 days of receipt of such notice, Practical Completion shall be deemed to have been achieved on the 14th day after the contractor requested the Certificate of Practical Completion.
5.14.4	Add the following to Clause 5.14.4: Penalty for late Completion will be 30% of penalty applicable to late Practical Completion / calendar day. Penalty for late Final Completion will be 15% of penalty applicable to late Practical Completion / calendar day.
5.16.1	Amend Clause 5.16.1 by deleting the provision in the third paragraph of this clause.

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5.16.2	Amend Clause 5.16.2 as follows: No certificate other than the Final Approval Certificate referred to in Clause 5.16.1 shall be deemed to constitute approval of the Works or shall be taken as an admission of the due performance of the Contract or any part thereof, nor of the accuracy of any claim made by the Contractor, nor shall any other certificate exclude or prejudice any of the powers of the Employer's Agent and/or the Employer.
5.16.3	The latent defect period for all works is: 5 years
6.2.1	The type of security for the due performance of the Contract, as selected by the Contractor in the Contract Data, must be delivered to the Employer.
6.2.3	Amend Clause 6.2.3 as follows: If the Contractor has selected a performance guarantee as security, he shall ensure that it remains valid and enforceable as required in terms of the Contract.
6.3.1	Amend first paragraph to Clause 6.3.1 as follows: If, at any time before the issue of the Practical Completion, the Employer's Agent shall require any variation of the form, quality or quantity of the Works or any part thereof provided that such Variation Order shall not substantially alter the Scope of Work, he shall have power to order the Contractor to do any of the following subject to obtaining approval from the Employer (3.2.3):
6.5.1.2.3	The percentage allowance to cover overhead charges is 33%, except on material cost where the percentage allowance is 10%.
6.8.2	When Contract Price Adjustment is applicable [B13] the value of payment certificates is to be adjusted by a Contract Price Adjustment Factor (CPAF): The value of the certificates issued shall be adjusted in accordance with the Contract Price Adjustment Factor with the following values: The value of "x" is 0.15. The values of the coefficients are: a = 0.25. (Labour) b = 0.3 (Contractor's equipment) c = 0.3 (Material) d = 0.15 (Fuel) The values of the coefficients for "Repair and Maintenance Project" (RAMP) contracts are: a = 0.35 (Labour) b = 0.20 (Contractor's equipment) c = 0.35 (Material) d = 0.10 (Fuel) The urban area nearest the Site is Johannesburg. (Select urban area from Statistical News Release, P0141, Table A) The applicable industry for the Construction Material Price Index for materials / plant is Mechanical material. (Select the applicable industry from Statistical News Release, P0151.1, Tables 2,4,5) The area for the Producer Price Index for fuel is Construction. (Select the area from Statistical News Release, P0142.1, Table 1.) The base month is October 2025. (The month prior to the closing of the tender.)

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6.8.3	Price adjustments for variations in the costs of special materials are not allowed.
6.9.1	Replace Clause 6.9.1 with the following: “Plant and materials will only be certified and paid for upon furnishing proof of ownership by the contractor. Once paid, material and goods shall become the property of the Employer and shall not be removed from site without the written authority of the Employers Agent.
6.10.1	Add at end of Clause 6.10.1 The contractor shall provide the Employer’s Agent every month, on dates as agreed between parties / instructed by the Principal Agent, with the following information: (a) Monthly Local content report, (b) EPWP / NYS payment register, labour reports and certified ID document of EPWP/ NYS beneficiaries, Contract between Contractor and EPWP/ NYS beneficiaries, attendance register. (if applicable) (c) Tax Invoice (d) Labour intensive report (e) Contract participation goal reports (f) Updated construction programme (g) Revised cash flows
6.10.1.5	The percentage advance on materials not yet built into the Permanent Works is: 85 % .
6.10.3	The limit of retention money is dependent on the security to be provided by the Contractor in terms of Clause 6.2.1.
6.10.4	Replace “28 days” with “30 days” provided all required documents including an invoice have been submitted and are correct in all respects.
6.10.5	Replace Clause 6.10.5 with the following: <u>In respect of contracts up to R2 million and in respect of contracts above R2 million where the Contractor elects a security by means of a 10% retention</u>, 50% of the retention shall be released to the Contractor when the Employer’s Agent issues the Certificate of Completion in terms of clause 5.14.4. The remaining 50% of the retention shall be released in accordance with the provisions of the conditions of contract and will become due and payable when the Contractor becomes entitled, in terms of Clause 5.16.1, to receive the Final Approval Certificate. <u>In respect of contracts above R2 million, where the Contractor elects a security by means of a cash deposit or fixed guarantee of 5% of the Contract Sum (excl. VAT) and a 5% retention of the Value of the Works (excl. VAT)</u>, the cash deposit or fixed guarantee, whichever is applicable, shall be refunded to the Contractor or return to the guarantor, respectively, when the Employer’s Agent issues the Certificate of Completion in terms of Clause 5.14.4. The 5% retention of the Value of the Works (excl. VAT) shall become due and payable when the Contractor becomes entitled, in terms of Clause 5.16.1, to receive the Final Approval Certificate. <u>In respect of contracts above R2 million, where the Contractor elects a security by means of a cash deposit or a variable guarantee of 10% of the Contract Sum (excl. VAT)</u>, the cash deposit or the variable guarantee, whichever is applicable, will be reduced to 5% of the Value of the Works (excl. VAT) when the Employer’s Agent issues the Certificate of Completion in terms of Clause 5.14.4. The balance of the cash deposit shall become due and payable or the variable guarantee shall expire when the Contractor becomes entitled in terms of Clause 5.16.1 to receive the Final Approval Certificate.

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6.10.6.2	Replace Clause 6.10.6.2 with the following: “In the event of failure by the Employer to make the payment by the due date, he shall pay to the Contractor interest, at the rate as published by the Minister of Justice and Correctional Services from time to time, in terms of section 1(2) of the Prescribed Rate of Interest Act, 1975 (Act No 55 of 1975) as amended, calculated as simple interest, in respect of debts owing by the State”. (1.1.1.21.A).
6.10.9	Ref Clause 3.2.3.
7.2.1	The last sentence to read “Failing requirements or instructions, the Plant, workmanship and materials of the respective kinds shall be suitable for the intended purpose provided that materials procured for the works are from South African manufactures and suppliers. Imported materials shall only be considered under exceptional circumstances, based on compelling technical justifications, and subject to the approval by the DPWI. Failing to comply, unless specified or approval granted will result in a ten percent (10%) penalty of the value of imported material used without approval.
7.5.3	Add the following to Clause 7.5.3 “Should the work inspected by the Employer’s Agent be rejected, all consultant’s fees / costs pertaining to the unsuccessful inspection shall be recovered from the contractor”.
7.9.1	Insert the following at the end of Clause 7.9.1: Provided that, should the Contractor on demand not pay the amount of such costs to the Employer, such amount may be determined and deducted by the Employer from any amount due to or that may become due to the Contractor under this or any other previous or subsequent contract between the Contractor and the Employer.
8.2.2.1	Insert the following as a second paragraph to Clause 8.2.2.1: 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, failing which the Employer may cause same to be done and recover the reasonable costs associated therewith from the Contractor.
8.3.1.10	Replace Clause 8.3.1.10 with the following: “Ionising, radiation, or contamination by radioactivity from any nuclear fuel, or from any nuclear waste from the combustion of nuclear fuels, excluding leakages of any radioactive material / gases / corrosive liquids/chemicals, which are harmful to the environment and biological life, brought on to site for installation or used in the Works prior to final approval”.
8.4.3	Add the following as Clause 8.4.3: Where the Contractor has caused damage to property (moveable and immovable), of any person, the Employer or third parties, the Contractor shall on receiving a written instruction from the Employer’s Agent immediately proceed 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.
8.6.1	Replace Clause 8.6.1 with the following: Except if provided otherwise in the Contract Data, the Contractor, without limiting his obligations in terms of the Contract, shall effect and keep the respective insurances [CD] in force, in favour of the employer as beneficiary, from the date of possession of the site until the issue of the certificate of practical completion and with an extension to cover the contractors obligations after the date of practical completion [8.2.1]
8.6.1.1.1	Ref B6.0 CD for value of insurance.
8.6.1.1.2	Ref B6.0 CD for value of insurance.

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8.6.1.1.3	Ref B6.0 CD for value of insurance.
8.6.1.3	Amend Clause 8.6.1.3 as follows: Liability insurance that covers the Contractor against liability for the death of, or injury to any person, or loss of, or damage to any property (other than property while it is insured in terms of Clause 8.6.1.1) arising from or in the course of the fulfilment of the Contract, from the Commencement Date to the date of the end of the Defects Liability Period, if applicable, or otherwise to the issue of the Certificate of Completion.
8.6.4	Not applicable to this Contract.
8.6.6	Replace Clause 8.6.6 with the following: Without limiting the contractor's obligations in terms of the contract, the contractor shall, within twenty-one (21) calendar days of the date of letter of acceptance, but before commencement of the works, submit to the employer all the policies by which the insurances are effected and due proof of upfront payment of all premiums thereunder to keep the policies effective from the Commencement Date to the date of the end of the Defects Liability Period, if applicable, or otherwise to the issue of the Certificate of Completion.
8.6.7	Replace Clause 8.6.7 with the following: If the Contractor fails to effect and keep in force any of the insurances referred to in Clause 8.6.1, the Employer may cancel the Contract in terms of Clause 9.2.
8.6.8	Add new Clause 8.6.8. 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: (1) Damage to the Works The Contractor shall, from the date of Commencement of the Works until the date of the Certificate of 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 Employer's 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. (2) Injury to Persons or Loss of or damage to Properties The Contractor shall be liable for and hereby indemnifies and holds harmless the Employer against any liability, loss, claim or proceeding arising during the Contract Period 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

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	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 Contract Period. (3) It is the responsibility of the Contractor to ensure that he has adequate insurance to cover his risk and liability as mentioned in Clauses 8.6.8(1) and 8.6.8 (2) above. Without limiting his obligations in terms of the Contract, the Contractor shall, within 21 days of the Commencement Date and before Commencement of the Works, submit to the Employer proof of such insurance policy, if requested to do so. (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 Clauses 8.6.8 (1), 8.6.8 (2) and 8.6.8 (3). Provided that, should the Contractor on demand not pay the amount of such costs to the Employer, such amount may be determined and deducted by the Employer from any amount due to or that may become due to the Contractor under this or any other existing or subsequent contract between the Contractor and the Employer.
9.1.1	Ref Clause 3.2.3
9.1.2.1	Ref Clause 3.2.3
9.1.4	Replace the first paragraph of Clause 9.1.4 with the following: "In the circumstances referred to in Clauses 9.1.1, 9.1.2 or 9.1.3 (provided that the circumstances in 9.1.3 is not due to the fault of the Contractor, his employees, contractors or agents), and whether or not the Contract is terminated under the provisions of this Clause, the Contractor shall be entitled on proof of payment of any increased cost of or incidental to the execution of the Works which is specifically attributable to, or consequent upon the circumstances defined in Clauses 9.1.1, 9.1.2 or 9.1.3; necessary changes"
9.1.5	Replace the first paragraph of Clause 9.1.5 with the following: If the Contract is terminated on any account in terms of this Clause (provided that the circumstances in 9.1.3 is not due to the fault of the Contractor, his employees, contractors or agents) , the Contractor shall be paid by the Employer (insofar as such amounts or items have not already been covered by payments on account made to the Contractor) for all measured work executed prior to the date of termination, the amount (without retention), payable in terms of the Contract and, in addition: "
9.1.5.5	Not applicable to this Contract.
9.1.6	Not applicable to this Contract.
9.2.1	Ref Clause 3.2.3
9.2.1.3.9	Add new Clause 9.2.1.3.9: Has failed to effect and keep in force any of the insurances referred to in Clause 8.6.1.
9.2.4	Add the following as Clause 9.2.4: In the case where a contract is terminated by the Employer by no fault by any party, the contractor shall be entitled to no other compensation than for work done and materials on site as certified by the Principal Agent at the date of termination.

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9.3.2.2	Replace Clause 9.3.2.2 with the following: All Plant and Construction Equipment, Temporary Works and unused materials brought onto the Site by the Contractor, and where ownership has not been transferred to the Employer (see Clause 6.9.1), shall be removed from the Site on termination of the contract by any party.
9.3.2.3	Not applicable to this Contract.
9.3.3	Add the following at the end of Clause 9.3.3 After cancellation of the Contract by the Contractor, the Contractor, when requested by the Employer to do so, shall not be entitled to refuse to withdraw from the Works on the grounds of any lien or a right of retention or on the grounds of any other right whatsoever. Nothing in this Clause shall prejudice the right of the Contractor to exercise, either in lieu of or in addition to the Contractor rights and remedies specified in this Clause, any other rights or remedies to which the Contractor may be entitled under the Contract or common law.
10.1.3.1	Replace Clause 10.1.3.1 with the following: All facts and circumstances relating to the claims shall be investigated as and when they occur or arise. For this purpose, the Contractor shall deliver to the Employer's Agent, records in a form approved by the Employer's Agent, of all the facts and circumstances which the Contractor considers relevant and wishes to rely upon in support of his claims, including details of all construction equipment, plant, labour, and materials relevant to each claim. Such records shall be submitted promptly after the occurrence of the event giving rise to the claim.
10.1.3.6	Replace Clause 10.1.3.6 with the following: The Employer, the Employer's Agent and the Contractor shall in any proceedings in accordance with Clauses 10.3 and 10.11 be entitled to give or lead evidence of or rely on any fact or circumstance not recorded in terms of this Clause, if other party to the dispute is prejudiced by such non-recording of the facts.
10.1.4	Ref Clause 3.2.3.
10.1.5	Ref Clause 3.2.3.
10.1.6	Add new Clause 10.1.6: If the Employer fails to give his ruling within the period referred to in Clause 10.1.5 he shall be deemed to have given a ruling dismissing the claim.
10.1.3.6	Replace Clause 10.1.3.6 with the following: The employer, the Employer's Agent and the Contractor shall in any proceedings in accordance with Clauses 10.3 and 10.11 be entitled to give or lead evidence oof or rely on any fact or circumstance not recorded in terms of the Clause, if the other party to the dispute in prejudiced by such nor-recording of the facts.
10.2.1	Replace Clause 10.2.1 with the following: In respect of any matter arising out of or in connection with the Contract, which is not required to be dealt with in terms of Clause 10.1 or which does not require the decision or ruling of the Employer, the Contractor or the Employer shall have the right to deliver a written dissatisfaction claim to the Employer's Agent. This written claim shall be supported by particulars and substantiated.

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10.2.2	Replace Clause 10.2.2 with the following: If, in respect of any matter arising out of or in connection with the Contract, which is not required to be dealt with in terms of Clause 10.1 or which does not require the decision or ruling of the Employer, the Contractor or the Employer fails to submit a claim within 28 days after the cause of dissatisfaction, he shall have no further right to raise any dissatisfaction on such matter.
10.2.3	Ref clause 3.2.3.
10.3.2	Replace Clause 10.3.2 with the following: If either party shall have given notice in compliance with Clause 10.3.1, the dispute shall be referred immediately to mediation under Clause 10.5, unless amicable settlement is contemplated.
10.3.3	Replace Clause 10.3.3 with the following:: In respect of a ruling given by the Employer (Ref clause 3.2.3), and although the parties may have delivered a Dispute Notice, the ruling shall be in full force and carried into effect unless and until otherwise agreed by both parties, or in terms of a mediation decision or court judgement.
10.4.2	Replace Clause 10.4.2 with the following: If the other party rejects the invitation to amicable settlement in writing, or does not respond in writing to the invitation within 14 days, or amicable settlement is unsuccessful, referral to mediation shall follow immediately. Should mediation be unsuccessful, the dispute shall be resolved by Litigation.
10.4.4	Replace Clause 10.4.4 with the following: Save for reference to any portion of any settlement, or decision which has been agreed to be final and binding on the parties, no reference shall be made by or on behalf of either party in any subsequent court proceedings, to any outcome of an amicable settlement, or to the fact that any particular evidence was given, or to any submission, statement or admission made in the course of the amicable settlement.
10.5	Replace Clause 10.5 with the following: The parties may, by agreement and at any time before Litigation, refer a dispute to mediation, in which event: 10.5.1 The appointment of a mediator, the procedure, and the status of the outcome shall be agreed between the parties. 10.5.2 Regardless of the outcome of a mediation the parties shall bear their own costs concerning the Mediation and equally share the costs of the mediator and related expenses.
10.6	Not applicable to this Contract.
10.7	Not applicable to this Contract.
10.10.3	Replace Clause 10.10.3 with the following: The court shall have full power to open up, review and revise any ruling, decision, order, instruction, certificate or valuation of the Employer's Agent and Employer and neither party shall be limited in such proceedings before such court to the evidence or arguments put before the Employer's Agent or Employer for the purpose of obtaining his ruling.

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B 16.0 CONTRACT PARTICIPATION GOAL TARGETS AND CIDB B.U.I.L.D. PROGRAMME

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

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

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PART 2: CONTRACT DATA COMPLETED BY THE TENDERER:

C TENDERER'S SELECTIONS

C 1.0 Securities [11.0]

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

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

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

C

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

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

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

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C 2.0 Payment of preliminaries [25.0]

Contractor's selection

Select Option A or B

A

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

Payment methods

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

Lump sum contract

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

C 3.0 Adjustment of preliminaries [26.9.4]

Lump sum contract

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

Contractor's selection

Select Option A or B

A

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

Provision of particulars

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

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

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Adjustment methods

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

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

Failure to provide particulars within the period stated

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



GAUTENG, JOHANNESBURG

**DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE: MAINTENANCE OF LIFTS AT
VARIOUS BUILDINGS IN JOHANNESBURG SURROUNDING AREAS: WCS 054389**

C1.3

FORM OF GUARANTEE

DPW-10.2 (EC): VARIABLE CONSTRUCTION GUARANTEE GCC 3rd Edition (2015)

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

FOR ATTENTION

Director General
Private Bag X3
Braamfontein
2017

Sir,

VARIABLE CONSTRUCTION GUARANTEE FOR THE EXECUTION OF A CONTRACT IN TERMS OF GCC 3rd Edition (2015)

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: **JHB 25/16**, for the **Maintenance of lifts at various buildings in johannesburg areas** (hereinafter referred to as the “**contract**”) for the sum 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 10% of the **contract sum** (excluding VAT), for the due fulfilment 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 day before the date on which the last **certificate of completion** of works is issued, 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 5 % of the **value of the works** (excluding VAT) as determined at the date of the last **certificate of completion** of works, subject to such amount not exceeding 10% of the **contract sum** (excluding VAT);
 - (c) This guarantee shall expire on the date of the last **final approval certificate**.
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 (in the **employer's** opinion and sole discretion):
 - (a) the **contractor** has failed or neglected to comply with the terms and/or conditions of the **contract**;
or

Tender no: (Insert Tender Number)

- (b) the **contractor's** estate is sequestrated, liquidated or surrendered in terms of the insolvency laws in force within the Republic of South Africa.
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 issue of the last **final approval 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 guaranteed amount 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 (c) above.
9. 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-10.4 (EC): FIXED CONSTRUCTION GUARANTEE GCC 3rd Edition (2015)

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

FOR ATTENTION

Director General
Private Bag X3
Braamfontein
2017

Sir,

FIXED CONSTRUCTION GUARANTEE FOR THE EXECUTION OF A CONTRACT IN TERMS OF GCC 3rd Edition (2015)

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: **JHB 25/16**, for the **maintenance of lifts at various buildings in Johannesburg areas** (hereinafter referred to as the “**contract**”), for the sum 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 (in the **employer**’s opinion and sole discretion):
 - (a) the **contractor** has failed or neglected to comply with the terms and/or conditions of the **contract**;
or
 - (b) the **contractor**’s estate is sequestrated; liquidated or surrendered in terms of the insolvency laws in force within the Republic of South Africa.
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 approval certificate**, the **employer** shall account to the **guarantor** showing how this amount has been expended and refund any balance due to the **guarantor**.

Contract/Tender No: **JHB 25/16**

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 completion** of works.
8. This guarantee shall not be interpreted as extending the **guarantor's** liability to anything more than the payment of the amount guaranteed.

SIGNED AT _____ ON THIS _____ DAY OF _____ 20____.

AS WITNESS

1. _____

2. _____

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: _____



GAUTENG, JOHANNESBURG

**DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE: MAINTENANCE OF LIFTS AT
VARIOUS BUILDINGS IN JOHANNESBURG SURROUNDING AREAS: WCS 054389**

PART C2

PRICING DATA



GAUTENG, JOHANNESBURG

**DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE: MAINTENANCE OF LIFTS AT
VARIOUS BUILDINGS IN JOHANNESBURG SURROUNDING AREAS: WCS 054389**

C2.1

PRICING INSTRUCTIONS

PG-02.1 (EC) PRICING ASSUMPTIONS – GCC 3rd Edition (2015)

Project title:	<i>Department of Public Works and Infrastructure: Maintenance of lifts at various buildings in Johannesburg surrounding areas</i>		
Tender / Quotation no:	<i>JHB 25/16</i>	Reference no:	

C2.1 Pricing Assumptions

C2.1.1 GENERAL

The Bill of Quantities forms part of the Contract Documents and must be read and priced in conjunction with all the other documents comprising the Contract Documents, which include the Conditions of Tender, Conditions of Contract, the Specifications (including the Project Specification) and the Drawings.

C2.1.2 DESCRIPTION OF ITEMS IN THE SCHEDULE

The Bill of Quantities has been drawn up generally in accordance with Civil Engineering Quantities 1990 issued by the SA Institution of Civil Engineers.

The short descriptions of the items in the Bill of Quantities are for identification purposes only and the measurement and payment clause of the Standardized Specifications and the Particular Specifications, read together with the relevant clauses of the Project Specification and directives on the drawings, set out what ancillary or associated work and activities are included in the rates for the operations specified.

C2.1.3 QUANTITIES REFLECTED IN THE SCHEDULE

The quantities given in the Bill of Quantities are estimates only, and subject to remeasuring during the execution of the work. The Contractor shall obtain the Engineer's detailed instructions for all work before ordering any materials or executing work or making arrangements for it.

The Works as finally completed in accordance with the Contract shall be measured and paid for as specified in the Bill of Quantities and in accordance with the General and Special Conditions of Contract, the Specifications and Project Specifications and the Drawings. Unless otherwise stated, items are measured net in accordance with the Drawings, and no allowance has been made for waste.

The validity of the contract will in no way be affected by differences between the quantities in the Bill of Quantities and the quantities finally certified for payment.

C2.1.4 PROVISIONAL SUMS

Where Provisional sums or Prime Cost sums are provided for items in the Bill of Quantities, payment for the work done under such items will be made in accordance with Clause 45 of the General Conditions of Contract 2004. The Employer reserves the right, during the execution of the works, to adjust the stated amounts upwards or downwards according to the work actually done under the item, or the item may be omitted altogether, without affecting the validity of the Contract.

The Tenderer shall not under any circumstances whatsoever delete or amend any of the sums inserted in the "Amount" column of the Bill of Quantities and in the Summary of the Bill of Quantities unless ordered or authorized in writing by the Employer before closure of tenders. Unauthorized changes made by the Tenderer to provisional items in the Bill of Quantities, or to the provisional percentages and sums in the Summary of the Bill of Quantities will lead to the disqualification of the Tenderer.

C2.1.5 PRICING OF THE BILL OF QUANTITIES

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

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

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

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

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

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

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

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

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

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

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

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

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

Descriptions in the Bills of Quantities are abbreviated and comply generally with those in the "PW 371" and the principles contained in the latest version of the SANS 1200 in South Africa. It is the intention that the abbreviated descriptions be fully described when read with the applicable measuring system and the relevant preambles and/or specifications. However, should the full intent and meaning of any description not be clear, the bidder shall, before submission of his tender, call for a written directive from the principal agent, failing which it shall be assumed that the contractor has allowed in his pricing for materials and workmanship in terms of National Best Practice.

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

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

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

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

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

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

C2.1.6 VALUE ADDED TAX

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

C2.1.7 CORRECTION OF ENTRIES

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

C2.1.8 ARITHMETICAL ERRORS

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

C2.1.9 CONTRACT DOCUMENTS

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

C2.1.10 UNITS OF MEASUREMENT

The units of measurement described in the Bill of Quantities are metric units for which the standard international abbreviations are used. Non-standard abbreviations which may appear in the Bill of Quantities are as follows:

No.	=	Number
%	=	Percent
Sum	=	Lump sum
PCsum	=	Prime cost sum
Prov sum	=	Provisional sum
m ³ .km	=	Cubic metre - kilometre
Km-pas	=	kilometre - pass
m ² .pass	=	square metre – pass

C2.1.11 TRADE NAMES

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

C2.1.12 CONTRACT DOCUMENTS

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

C2.1.13 PAYMENTS

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

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

C2.1.14 ACCOMMODATION ON SITE

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

C2.1.15 LOCAL MATERIAL UTILISATION REPORT (LOCAL CONTENT)

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

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

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

C2.1.16 CONTRACT PARTICIPATION GOALS

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

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

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

C2.1.16.1 MINIMUM TARGETED LOCAL BUILDING MATERIAL MANUFACTURERS CONTRACT PARTICIPATION GOAL

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

Provision is made within the Contract Participation Goal section in the Bill of Quantities for the Minimum Targeted Local Building Material Manufacturers CPG in the execution of this project as described in PG-01.1 (EC) SCOPE OF WORKS C3.7.1. Prescribed Profit and Attendance percentages have been stipulated, all inclusive of associated costs to the contractor for implementation and allowance for submitting reports to the Employer's Representative on a monthly basis in terms of monthly and accumulative targets achieved with audited supporting documentation.

C2.1.16.2 MINIMUM TARGETED LOCAL BUILDING MATERIAL SUPPLIERS CONTRACT PARTICIPATION GOAL

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

Provision is made within the Contract Participation Goal section in the Bill of Quantities for the Minimum Targeted Local Building Material Suppliers CPG in the execution of this project as described in PG-01.1 (EC) SCOPE OF WORKS C3.7.2. Prescribed Profit and Attendance percentages have been stipulated,

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

C2.1.16.3 MINIMUM TARGETED LOCAL LABOUR CONTRACT PARTICIPATION GOAL

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

Provision is made within the Contract Participation Goal section in the Bill of Quantities for the Minimum Targeted Local Labour CPG in the execution of this project as described in PG-01.1 (EC) SCOPE OF WORKS C3.7.3. T Prescribed Profit and Attendance percentages have been stipulated, all inclusive of associated costs to the contractor for implementation and allowance for submitting reports to the Employer's Representative on a monthly basis in terms of monthly and accumulative targets achieved with audited supporting documentation.

C2.1.16.4 MINIMUM TARGETED ENTERPRISE DEVELOPMENT: CONTRACT PARTICIPATION GOALS (CPG)

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

A provisional amount has been allowed for within the Contract Participation Goal section in the Bill of Quantities for the Minimum Targeted Enterprise Development CPG in the execution of this project as described in PG-01.1 (EC) SCOPE OF WORKS C3.7.4. The provisional amount allowed is for the appointment of training coordinator, mentor, training service providers and training of the beneficiary enterprises. The provisional amount will be adjusted in accordance with the actual Contract Amount (Awarded tender amount excluding allowance, provisional amounts and VAT) of the awarded bid.

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

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

C2.1.16.5 MINIMUM TARGETED TARGETED CONTRACT SKILLS DEVELOPMENT GOALS (CSDG)

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

A provisional amount has been allowed for within the Contract Participation Goal section in the Bill of Quantities for the Minimum Targeted Skills Development CPG in the execution of this project as described in PG-01.1 (EC) SCOPE OF WORKS C3.7.5. The provisional amount allowed is for:

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

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

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

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

Payment

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

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

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

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

Table 1: Contracting skills development goals for different classes of engineering and construction works contracts

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

C2.1.16.6 NATIONAL YOUTH SERVICE TRAINING AND DEVELOPMENT PROGRAMME

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

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

Provision has been made within the Contract Participation Goal section in the Bill of Quantities for the National Youth Service Training and Development Programme CPG in the execution of this project as described in PG-01.1 (EC) SCOPE OF WORKS C3.7.6.

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

C2.1.16.7 LABOUR-INTENSIVE WORKS

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

Where labour intensive work is specified in the Bill of Qualities and indicated by "LI" the contractor must price for and include in rates. Contractors are expected to use their initiative to identify additional activities that can be done labour-intensively to comply with the set minimum labour intensity target. Provision has been made within the Contract Participation Goal section in the Bill of Quantities for the monthly reporting illustrating the value of the works executed under Labour Intensive Works CPG in the execution of this project as described in PG-01.1 (EC) SCOPE OF WORKS C3.7.7 and any other supplementary specifications.

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

C2.2 Submission of Accrual Reports

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



GAUTENG, JOHANNESBURG

**DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE: MAINTENANCE OF LIFTS AT
VARIOUS BUILDINGS IN JOHANNESBURG SURROUNDING AREAS: WCS 054389**

PART C3

SCOPE OF WORK



GAUTENG, JOHANNESBURG

**DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE: MAINTENANCE OF LIFTS AT
VARIOUS BUILDINGS IN JOHANNESBURG SURROUNDING AREAS: WCS 054389**

C3

SCOPE OF WORK

PG-01.1 (EC) SCOPE OF WORKS – GCC 3rd Edition (2015)

Project title:	<i>Department of Public Works and Infrastructure: Maintenance of lifts at various buildings in Johannesburg surrounding areas</i>		
Tender no:	JHB 25/16	Reference no:	

C3. Scope of Works

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- PS-5 CONSTRUCTION PROGRAMME
- PS-6 SITE FACILITIES AVAILABLE
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- PS-10 ADVERSE WEATHER CONDITIONS

NOTE: This is an example only. Compiler / Designer to provide the applicable contents.

B: AMENDMENTS TO THE PARTICULAR SPECIFICATIONS

- SANS 1200 A : General
- SANS 1200 AB : Engineer's Office

C3.3 PARTICULAR SPECIFICATIONS

- a) Technical Specifications
 - Part 1 – General Specification
 - Part 2 – Equipment Specification
 - Part 3 – Operational Specification
 - Part 4 – Detail Lift Specification
 - Part 5 – Schedule of Technical Information
 - Part 6i
 - Annexure A – Additional Specification
 - Operating and Maintenance Manuals
 - Annexure B – Imported Material and Equipment

b) Particular Specifications

PGA	PASSENGER LIFTS, ACCESS GOODS ONLY LIFTS AND ESCALATORS
PGA 01	SCOPE
PGA 02	GENERAL DESCRIPTION OF INSTALLATIONS
PGA 03	TECHNICAL DETAILS OF EXISTING INSTALLATIONS AND REPAIR WORK TO BE DONE
PGA 04	TECHNICAL DETAILS OF INSTALLATIONS TO BE MODERNISED
PGA 05	MEASUREMENT AND PAYMENT
PGA06	SCHEDULE A: INSTALLATIONS

c) Additional Specifications

The following Additional Specifications for work not covered by the SABS 1200 Standardised Specifications or the Technical and Particular Specifications are bound in after the Technical and Particular Specifications:

SA	:	General maintenance
SB	:	Operating and maintenance manuals
SC	:	General decommissioning, testing and commissioning procedures
SD	:	General training
SF	:	General operation
SH	:	HIV / AIDS Requirements
SI	:	Occupational Health and Safety

C3.4 STANDARD SPECIFICATIONS:

The standard specifications on which this contract is based are the **South African Bureau of Standards Standardized Specifications for Civil Engineering Construction SABS 1200**. *(Note to compiler. "SABS" has been changed to "SANS"; the SABS 1200 specifications are due to be replaced in the foreseeable future by SANS 2100)*

Although not bound in nor issued with this Document, the following Sections of the Standardized Specifications of SABS 1200 shall form part of this Contract:

1. SANS 1200 - Standardised Specifications for Civil Engineering Construction*
2. SANS - Standard Specifications*
3. OW 371 - Specification of Materials and Methods to be used. Fourth revision, October 1993.**
4. Guide for architects concerning drainage, water supply and storm water drainage**
5. PW 343 - Building specifications for Regional Offices**
6. Standard Specification for the Electrical Equipment and Installation for Mechanical Services, Issue VIII December 1984**
7. Standard Electrical Specifications, January 1984, GPS 24-0367**
8. FPO/G61/3E - Guide for Architects**
9. Standard Specifications for Electrical Installations and Equipment pertaining to Mechanical Installations**
9. SANS 10400 – The application of the National Building Regulations*
10. Department of Public Works – Standard Electrical Specifications (April 1999)**

* Not issued with this document, but available at the Contractor's expense from the SA Bureau of Standards, Private Bag X191, PRETORIA, 0001.

** Not issued with this document but available from the Director General, Department of Public Works, Private Bag X65, PRETORIA 0001, or any office of the Regional Representative of this Department

3.5 PROJECT SPECIFICATIONS:

Status

The Project Specification, consisting of two parts, forms an integral part of the contract and supplements the Standard Specifications.

Part1 A contains a general description of the works, the site and the requirements to be met.

Part B contains variations, amendments and additions to the Standardized Specifications and, if applicable, the Particular Specifications.

In the event of any discrepancy between a part or parts of the Standardised of Particular Specifications and the Project Specification, the Project Specification shall take precedence. In the event of a discrepancy between the specifications, (including the Project Specifications) and the drawings and / or the Bill of Quantities, the discrepancy shall be resolved by the Engineer before the execution of the work under the relevant item.

3.5.1 GENERAL

PS-1 PROJECT DESCRIPTION:

Department of Public Works and Infrastructure: Maintenance and repair of lifts in various Government buildings

3.5.2 AMENDMENTS TO THE STANDARD AND PARTICULAR SPECIFICATION:

Insert amendments

C3.5.3 PARTICULAR SPECIFICATIONS:

Insert particular specification

C3.6 STANDARD MINIMUM REQUIREMENTS

In terms of section 5(2) of the Construction Industry Development Board Act, 2000 (Act no. 38 of 2000) (the Act), the Construction Industry Development Board is empowered to establish and promote best practice standards, Standard Requirements and Guidelines which includes the following but not limited to:

C3.61 cidb Best Practice: Green Building Certification, No. 34158 Government Gazette, 1 April 2011

C3.6.2 cidb Standard for Developing Skills through Infrastructure Contracts, No. 36760 Government Gazette, 23 August 2013

C3.6.3 cidb Standard for Indirect Targeting for Enterprise Development through Construction Works Contracts, No 36190 Government Gazette, 25 February 2013

C3.6.4 Preferential Procurement Policy Framework Act, 2000: Preferential Procurement Regulations, 2017, No. 40553 Government Gazette, 20 January 2017

- C3.6.5 cidb Standard for Contract Participation Goals for Targeting Enterprises and Labour through Construction Works Contracts, No. 41237 Government Gazette, 10 November 2017
- C3.6.6 cidb Standard for Minimum Requirements for Engaging Contractors and Sub-Contractors on Construction Works Contracts, No. 41237 Government Gazette, 10 November 2017
- C3.6.7 cidb Standard for Minimum Requirements for Engaging Contractors and Sub-Contractors on Construction Works Contracts, No. 42021 Government Gazette, 9 November 2018
- C3.6.8 cidb Standard for Developing Skills through Infrastructure Contracts, No. 48491 Government Gazette, 23 April 2023

C3.7 CONTRACT PARTICIPATION GOALS AND CIDB BUILD PROGRAMME

Provision has been made within the Contract Participation Goal section in the Bill of Materials for the respective CPGs. Prescribed Profit and Attendance percentages have been stipulated, all inclusive of associated costs to the contractor for implementation and allowance for submitting reports to the Employer's Representative on a monthly basis in terms of monthly and accumulative targets achieved with audited supporting documentation.

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

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

C3.7.1 Minimum Targeted Local Material Manufacturer Contract Participation Goal

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

It is the requirement of the employer that the contractor enhances the use of local Small, Micro and Medium Enterprise Local Material Manufacturers (SMME's) in executing this contract, irrespective whether a minimum percentage Participation Goals is applicable or not.

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

A Targeted Local Material Manufacturer is a targeted enterprise that operates or maintains a factory or establishment that produces on its premises materials or goods required by the principal contractor for the performance of the contract.

Note: Adapted from SANS 10845-7:2015, definition 2.13

Preference shall be given to the Targeted Local Material Manufacturer where feasible in **insert applicable Ward/s, Municipal District, Town, City, Province**, and provided that:

- (a) Such materials comply in all respects with the specific requirements of PW371 and SANS specifications,
- (b) The non-availability of such materials shall not adversely affect the desired progress of the specific works,
- (c) The use of such suppliers shall not constitute grounds for any claim for increased cost in respect thereof,
- (d) Materials of at least **insert applicable percentage, both in words and figures** of the total value of materials purchased excluding VAT to be sourced from within **insert applicable kilometers** radius of the project site,
- (e) Material of at least **insert applicable percentage, both in words and figures** of the total value of materials purchased excluding VAT to be sourced from within **insert applicable kilometers** radius of the project site.

Failure to achieve the minimum specified value as indicated in the CPG Bill of Quantity Section for Targeted Local Material Manufacturer participation will result in a **thirty percent (30%)** penalty of the prorate targeted value of materials not complied with unless the contractor can prove to the Employer's satisfaction that the non-achievement was beyond his/her control.

The contractor shall submit monthly reports in terms of monthly achievement and accumulative targets achieved including audited supporting documentation to the Employer's Representative.

C3.7.2 Minimum Targeted Local Building Material Suppliers Contract Participation Goal

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

It is the requirement of the employer that the contractor enhances the use of local Small, Micro and Medium Enterprise Local Material Suppliers (SMME's) in executing this contract, irrespective whether a minimum percentage Participation Goals is applicable or not.

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

A targeted supplier is a targeted enterprise that

- a) owns, operates or maintains a store, warehouse or other establishment in which goods are bought, kept in stock and regularly sold to wholesalers, retailers or the public in the usual course of business; and
- b) engages, as its principal business and in its own name, in the purchase and sale of goods.

Note: Adapted from SANS 10845-7:2015, definition 2.14

Preference shall be given to the local material suppliers where feasible in the **insert applicable Ward/s, Municipal District, Town, City, Province**, and provided that:

- (a) Such materials comply in all respects with the specific requirements of PW371 and SANS specifications,
- (b) The none availability of such materials shall not adversely affect the desired progress of the specific works,
- (c) The use of such suppliers shall not constitute grounds for any claim for increased cost in respect thereof,
- (d) Materials of at least **insert applicable percentage, both in words and figures** of the total value of materials purchased excluding VAT to be sourced from within **insert applicable kilometers** of the project site,
- (e) Material of at least **insert applicable percentage, both in words and figures** of the total value of materials purchased excluding VAT to be sourced from within **insert applicable kilometers** of the project site.

Failure to achieve the minimum specified value as indicated in the CPG Bill of Quantity Section for Targeted Local Material Manufacturer participation will result in a **thirty percent (30%)** penalty of the prorate targeted value of materials not complied with, unless the contractor can prove to the Employer's satisfaction that the non-achievement was beyond his/her control.

The bidder shall submit monthly reports in terms of monthly achievement and accumulative targets achieved including audited supporting documentation to the Employer's Representative.

C3.7.3 Minimum Targeted Local Labour Skills Development Contract Participation Goal

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

It is the requirement of the employer that the contractor enhances the use of local labour in executing this contract. This is required to be done through the use of both traditional building techniques and labour-intensive construction techniques careful and considered construction planning and

implemented in the project irrespective whether a minimum percentage Participation Goal is applicable or not.

The Minimum Targeted Local Skills Development Contract Participation Goal shall be achieved in accordance with the cidb Standard for Contract Participation Goals for Targeting Enterprises and Labour through Construction Works Contracts as published in the Government Gazette Notice No. No. 48491 of 28 April 2023 and the cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract..

Targeted labour: individuals who:

- a) are employed by the principal contractor, sub-contractor or targeted enterprises in the performance of the contract;
- b) are defined as the target group in the targeting data; and
- c) permanently reside in the target area or who are recognized as being residents of the target area on the basis of identification and association with and recognition by the residents of the target area.

Adapted from SANS 10845-7:2015, definition 2.12

Targeting of labour by skills categories is only permissible within categories of semi-skilled and unskilled labour.

Contract participation goals for semi-skilled and unskilled labour shall be limited to on-the-job training to targeted labour to enable such labour to master the basic work techniques required to undertake the work in accordance with the requirements of the contract and in a manner that does not compromise worker health and safety. In the case of targeted labour, the certification of records shall be in accordance with SANS 10845-8.

Beneficiaries will be sourced from the **insert applicable Ward/s, Municipal District, Town, City, Province** for the full duration of the Construction Period, employed by either the principal contractor, sub-contractors or targeted enterprises. The total number of working days to complete the Works amount to **insert number of working days as determined by the Construction Period** working days. The minimum CPG participation for Targeted Local Labour Skills Development is **insert applicable percentage, both in words and figures**, expressed as a percentage of the total number of working days required to complete the Works. The contractor shall attain or exceed the CPG in the performance of the contract. Failure to achieve the minimum Targeted Local Labour Skills Development CPG will result in a payment reduction of **R5 000 (Excluding VAT)**, per working day which training has not been provided to the workforce in attendance, unless the contractor can prove to the Employer's satisfaction that the non-achievement was beyond his/her control.

The bidder shall submit monthly reports in terms of monthly achievement and accumulative targets achieved including audited supporting documentation to the Employer's Representative.

C3.7.4 CIDB BUILD PROGRAMME: Minimum Targeted Enterprise Development Contract Participation Goal

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

The aim of this best practice standard for indirect targeting for enterprise development in accordance with the Standard for Indirect Targeting for Enterprise Development (published in Government Gazette 36190 of 25 February 2013), as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract. is to promote enterprise development by providing for a minimum Contract Participation Goal (CPG) of ***insert percentage Min 5% and Max 30%*** of the contract amount as defined in the Standard (Tender amount, excluding allowances and VAT) on selected contracts to be undertaken by joint-venture partners or to be sub-contracted to developing contractors that are also to be beneficiaries of enterprise development support from the main contractor.

The bidder shall submit monthly reports in terms of monthly achievement and accumulative targets achieved including audited supporting documentation to the Employer's Representative.

The lead partner or main contractor shall dedicate a **minimum insert percentage Min 5% and Max 30%** of the tender value at the time of award, excluding allowances and VAT, to provide developmental support to targeted subcontractor or joint venture partner applicable to contracts in Grades 7 to 9, General Building and Civil Engineering contracts. Preference will be given to insert type of enterprises, e.g. General Building, Electrical, Mechanical, Plumbing, etc. It could be either or any combination of all Enterprises.

Failing to achieve the targeted Contract Skills Development Goal will result in A) a thirty percent (30%) penalty of the value of the portion not achieved, excluding VAT, and B) the issuing of completion certificates only after the completion certificate of achieving the skills development goal, counter-signed by the relevant individuals has been submitted, unless the contractor can prove to the Employer's satisfaction that the non-achievement was beyond his/her control.

The bidder shall submit monthly reports in terms of monthly achievement and accumulative targets achieved including audited supporting documentation to the Employer's Representative.

C3.7.4.1 Criteria

The main or lead partner of the successful bidder shall:

- (a) There must be a needs analysis for indirect targeting and development or skill standard and should be development in at least any two developmental areas namely;
 - Administrative and cost control systems
 - construction management systems and plans
 - planning, tendering and programming
 - business; technical; procurement skills
 - legal compliance
 - credit rating/history; financial loan capacity/history
 - contractual knowledge
- (b) The above needs analysis shall be mutually agreed upon between contractor and targeted enterprise
- (c) The contractor shall appoint an enterprise development coordinator to:
 - perform needs analysis on the targeted enterprise to identify developmental goals
 - develop a project specific enterprise development plan to improve the targeted enterprise/s performance in the identified developmental areas
 - provide internal mentorship support to improve the targeted enterprise/s performance
 - monitor and submit to the employer's representative a monthly enterprise development report thereby reporting on the progress of the agreed development areas with the targeted enterprise/s
 - submit a project completion report to the Employer's representative for each targeted enterprise.

C3.7.4.2 Management

The contractor shall provide a competent person/s to provide internal mentorship to the Targeted Enterprise/s in the two agreed developmental areas.

C3.7.4.3 Competence Criteria for an Enterprise Development Co-ordinator

The enterprise development co-ordinator shall have the following competencies:

- Minimum experience of 5 years in the construction industry at Managerial level as a Site Agent, Contracts Manager, Site Manager, Construction Manager, Business Development Manager or Enterprise Development Manager.
- Minimum experience of 2 years in training and development in Building or Construction; and
- National Diploma or B Degree in the Built Environment or Business Management

C3.7.4.4 Format of Communications

The contractor shall submit to the Employer's Representative:

- *Project interim reports* in the specified format (**ED105P**) detailing interim values of the CPG that was achieved together with an assessment of the enterprise development support provided should be tabled and discussed at least monthly at progress meetings between employer's representative and the contractor;
- *Project completion report* in the specified format (**ED101P**) to the Employer's Representative for acceptance within 15 days of achieving practical completion. The report shall include the value of the CPG that was certified in accordance with the contract, cidb registration numbers of each and every targeted enterprise, and the value of the subcontracted works or of the joint venture entered into; and the participation parameter
- *Enterprise development declaration* (**ED104P**).

C3.7.4.5 The Key Personal

The contractor shall appoint an Enterprise Development Co-ordinator and a competent person/s to provide internal mentorship.

C3.7.4.6 Management Meetings

The contractor shall report to the Employer's Representative on the implementation and progress of the targeted enterprise development and CPG at monthly progress site meetings.

C3.7.4.7 Forms for contract administration

The contractor shall submit to the Employer's Representative the following proformas:

- Form ED 105P Project Interim Report
- Form ED 104P Enterprise Development Declaration
- Form ED 101P Project Completion Report

C3.7.4.8 Records

The contractor shall:

- keep records of the targeted enterprise development
- keep records of the payments made to the targeted enterprises in relation to the CPG.
- ensure all the documentation required in terms of the Standard is provided with each monthly progress payment certificate and according to a prescribed format where applicable.

C3.7.4.9 Payment Certificates

The contractor shall:

- achieve the measurable CPG and providing enterprise development support to the targeted enterprise/s as per the Standard.
- submit payment certificates to the Employer Representative at intervals determined in the Contract.

C3.7.4.10 Compliance requirements

Non-compliance with the Best Practice Project Assessment Scheme

The wording of regulation 27A of the cidb regulations makes provision for the Board to enforce the cidb code of conduct in the event of clients being found to be in breach of the best practice project assessment scheme.

- Not including the requirements of the cidb standards in the conditions of tender
- Not registering the award of contract on the cidb Register of Projects (RoP)
- Not reporting practical completion on the cidb Register of Projects (RoP)

3.7.5 **CIDB BUILD PROGRAMME: Minimum Targeted Contract Skills Development Goal (CSDG)**

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

The contractor shall achieve or exceed in the performance of the contract the Contract Skills Development Goal (CSDG) established in the Standard for Developing Skills through Infrastructure Contracts (published in Government Gazette No 48491 of 23 April 2023 and the cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract.

Failing to achieve the targeted Contract Skills Development Goal will result in A) a **thirty percent (30%)** penalty of the value of the portion not achieved, excluding VAT, and B) the issuing of completion certificates only after the completion certificate of achieving the skills development goal, counter-signed by the relevant individuals has been submitted, unless the contractor can prove to the Employer's satisfaction that the non-achievement was beyond his/her control.

The contractor shall apportion the learners in the different construction activities based on the scope of work. The cost of accommodating learners will be determined by using Table 3 in the Standard and this cost will be used to determine the value in Rand and will be added to the provision for training as provided for in the Preliminary and General section in the Bill of Quantities/Pricing schedules/Activity schedule.

C3.7.5.1 Methodology

The contractor shall achieve the measurable contract skills development goal by providing opportunities to learners requiring structured workplace learning using one or a combination of any of the following in relation to work directly related to the contract or order:

Method 1: structured workplace learning opportunities for learners towards the attainment of a part or a full occupational qualification;

Method 2: structured workplace learning opportunities for apprentices or other artisan learners towards the attainment of a trade qualification leading to a listed trade (GG No. 35625, 31 August 2012) subject to at least sixty percent (60%) of the artisan learners being holders of public TVET college qualifications;

Method 3: work integrated learning opportunities for University of Technology or Comprehensive University students completing their national diplomas;

Method 4: structured workplace learning opportunities for candidates towards registration in a professional category by a statutory council.

The contract skills participation goals, expressed in Rand, shall not be less than the contract amount multiplied by a percentage (%) factor given in Table 1 in the Standard for the applicable class of construction works.

Table 1: Contracting skills development goals for different classes of engineering and construction works contracts

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

The contractor shall apportion the learners in the different construction activities based on the scope of work. The cost of accommodating learners will be determined by using Table 2 in the Standard and this cost will be used to determine the value in Rand and will be added to the provision for training as provided for in the Preliminary and General section in the Bill of Quantities/Pricing schedules/Activity schedule.

Table 2: Notional Cost of Training per Headcount

Source: cidb Standard for Skills Development

Source: Club Standard for Skills Development

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

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

- (a) (a) The successful contractor may employ part/full occupational qualification learners, trade qualification learners, work integrated learners or candidates directly or through a Skills Development Agency (SDA), (A1 - List of cidb accredited SDAs).
- (b) The successful contractor must employ at least sixty percent (60%) of the learners from an FET / TVET college should the contractor select to have part/full occupational qualification learners and trade qualification learners contributing to the CSDG.
- (c) The successful contractor shall employ at least **insert applicable percentage, both in words and figures** from eligible part/full occupational qualification learners, trade qualification learners, work integrated learners or candidates in the employment of the employer.

- (d) The successful contractor shall ensure that no single method shall contribute more than seventy five percent (75%) of the CSDG for the contract.
- (e) The successful contractor may only place thirty three percent (33%) employed employees or that of his subcontractors contributing to the CSDG.
- (f) The contractor shall employ at least sixty percent (60%) of the learners from a Public FET / TVET college should the contractor select to have trade qualification learners (Method 2) contributing to the CSDG.
- (g) One of the objectives of the project is to train **insert applicable number, both in words and figures** Occupational qualifications, trade qualification, work integrated learners – P1 and P2 learners, professional candidates.

C3.7.5.2 Management

- (a) The successful contractor must keep site records regarding the part/full occupational qualification learners', trade qualification learners', work integrated learners' or candidates' (delete that which is not applicable) progress, site attendance, hours worked and other relevant information as required by the Standard.
- (b) The successful contractor shall provide the required number of appropriately qualified mentors to the maximum number of part/full occupational qualification learners, trade qualification learners, work integrated learners in the proportion as specified in the Standard.
- (c) The successful contractor shall provide a supervisor to manage the training of the part/full occupational qualification learners, trade qualification learners, work integrated learners, candidates.
- (d) The successful contractor shall submit to the employer's representative a baseline training plan in the specified format (Pro-forma A2) for the part/full occupational qualification learners, trade qualification learners, work integrated learners, candidates within 30 days of start of the contract.
- (e) The successful contractor shall submit to the employer's representative project interim report in the specified format (Pro-forma A3) on the progress of each of part/full occupational qualification learner, trade qualification learner, work integrated learner, candidate every three months.
- (f) The successful contractor shall submit to the employer's representative the names and particulars in the specified format (Pro-forma A4) of the supervisor, mentors for the part/full occupational qualification learners, trade qualification learners, work integrated learners or candidates within 30 days of start of the contract.
- (g) The successful contractor shall keep a daily record of all the part/full occupational qualification learners, trade qualification learners, work integrated learners, candidates on site and their daily activities and shall be made available to the employer's representative on request.
- (h) The successful contractor shall submit to the employer's representative the reports on the progress and status of the part/full occupational qualification learners, trade qualification learners, work integrated learners or candidates with the monthly invoice for the payment certificate.
- (i) The successful contractor shall have health and safety inductions for all part/full occupational qualification learners, trade qualification learners, work integrated learners or candidates.
- (j) The successful contractor shall conduct entry and exit medical tests of all part/full occupational qualification learners, trade qualification learners, work integrated learners or candidates.
- (k) The successful contractor shall provide personal protective equipment (PPE) to all part/full occupational qualification learners, trade qualification learners, work integrated learners or candidates at the start of their employment on site.

- (l) Based on the agreed skills methods the contractor may employ part/full Occupational Qualification Learners and /or Trade Qualification Learners and/or Work Integrated Learners and/or Candidates directly or through a Skills Development Agency (SDA), training provider or skills development facilitator (Form A1 - List of cidb accredited SDAs). The contractor shall ensure that no more than one Method shall be applied to any individual concurrently in the calculation of the CSDG for the contract.

C3.7.6 NATIONAL YOUTH SERVICE TRAINING AND DEVELOPMENT PROGRAMME (NYS)

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

The programme shall be implemented in terms of the Implementation of the National Youth Service Programme under the Expanded Public Works (EPWP) and shall be priced in the CPG section of the Bills of Quantities. Monthly reports are to be submitted to the Employer's Representative.

Failure by the contractors to achieve the specified number to be trained in the NYS section of the CPG section within the Bills of quantities will result in a payment reduction as per bill of quantities per person, excluding VAT unless the contractor can prove to the Employer's satisfaction that the non-achievement was beyond his/her control.

C3.7.7 LABOUR-INTENSIVE WORKS

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

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

Failure by the contractor to achieve the specified value of the Labour Intensive Participation Goal as stipulated within the Bills of Quantities will result in a **thirty percent (30%)** penalty of the value of the works not done by means of labour intensive methods, excluding VAT, unless the contractor can prove to the Employer's satisfaction that the non-achievement was beyond his/her control.

Employer's objectives:

The employer's objectives are to deliver public infrastructure using labour-intensive methods in accordance with EPWP Guidelines.

Labour-intensive works:

Labour-intensive works shall be constructed/maintained using local workers who are temporarily employed in terms of the scope of work.

Labour-intensive competencies of supervisory and management staff:

Contractors shall only engage supervisory and management staff in labour-intensive works that have completed the skills programme including Foremen/ Supervisors at NQF level 4 "National Certificate: Supervision of Civil Engineering Construction Processes" and Site Agent/ Manager at NQF level 5 "Manage Labour-Intensive Construction Processes" or equivalent QCTO qualifications (See Appendix C) at NQF outlined in Table 1

C3.7.7.1 GENERIC LABOUR-INTENSIVE SPECIFICATION

Contractors are referred to the Guidelines for the Implementation of Labour-intensive Infrastructure Projects under the Expanded Public Works Programme (EPWP) for the generic labour-intensive specification applicable to the contract.

This specification establishes general requirements for activities which are to be executed by hand involving the following:

- trenches having a depth of less than 1.5 metres
- stormwater drainage
- roads
- sidewalks and non-motorised transport infrastructure
- water and sanitation

Precedence

Where this specification is in conflict with any other standard or specification referred to in the Scope of Works to this Contract, the requirements of this specification shall prevail

Hand excavateable material

Hand excavateable material is:

a) granular materials:

- whose consistency when profiled may in terms of Table 3 be classified as very loose, loose, medium dense, or dense; or
- where the material is a gravel having a maximum particle size of 10mm and contains no cobbles or isolated boulders, no more than 15 blows of a dynamic cone penetrometer is required to penetrate 100mm;

b) cohesive materials:

- whose consistency when profiled may in terms of Table 3 be classified as very soft, soft, firm, stiff and stiff / very stiff; or
- where the material is a gravel having a maximum particle size of 10mm and contains no cobbles or isolated boulders, no more than 8 blows of a dynamic cone penetrometer is required to penetrate 100mm;

Note

- 1) A boulder is material with a particle size greater than 200mm, a cobble and gravel is material between 60 and 200mm.
- 2) A dynamic cone penetrometer is an instrument used to measure the in-situ shear resistance of a soil comprising a drop weight of approximately 10 kg which falls through a height of 400mm and drives a cone having a maximum diameter of 20mm (cone angle of 60° with respect to the horizontal) into the material being used.

Table 3: Consistency of materials when profiled			
GRANULAR MATERIALS		COHESIVE MATERIALS	
CONSISTENCY	DESCRIPTION	CONSISTENCY	DESCRIPTION
Very loose	Crumbles very easily when scraped with a geological pick.	Very soft	Geological pick head can easily be pushed in as far as the shaft of the handle.
Loose	Small resistance to penetration by sharp end of a geological pick.	Soft	Easily dented by thumb; sharp end of a geological pick can be pushed in 30-40 mm; can be moulded by fingers with some pressure.
Medium dense	Considerable resistance to penetration by sharp end of a geological pick.	Firm	Indented by thumb with effort; sharp end of geological pick can be pushed in up to 10 mm; very difficult to mould with fingers; can just be penetrated with an ordinary hand spade.
Dense	Very high resistance to penetration by the sharp end of a geological pick; requires many blows for excavation.	Stiff	Can be indented by thumb-nail; slight indentation produced by pushing geological pick point into soil; cannot be moulded by fingers.

Very dense	High resistance to repeated blows of a geological pick.	Very stiff	Indented by thumb-nail with difficulty; slight indentation produced by blow of a geological pick point.
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Trench excavation

All hand excavateable material in trenches having a depth of less than 1,5 metres shall be excavated by hand.

Compaction of backfilling to trenches (areas not subject to traffic)

Backfilling to trenches shall be placed in layers of thickness (before compaction) not exceeding 100mm. Each layer shall be compacted using hand stampers;

- a) to ninety percent (90%) Mod AASHTO;
- b) such that in excess of 5 blows of a dynamic cone penetrometer (DCP) is required to penetrate 100 mm of the backfill, provided that backfill does not comprise more than ten (10%) gravel of size less than 10mm and contains no isolated boulders, or
- c) such that the density of the compacted trench backfill is not less than that of the surrounding undisturbed soil when tested comparatively with a DCP.

Excavation

All excavateable material including topsoil classified as hand excavateable shall be excavated by hand. Harder material may be loosened by mechanical means prior to excavation by hand. Any material which presents the possibility of danger or injury to workers shall not be excavated by hand.

Clearing and grubbing

Grass and bushes shall be cleared by hand.

Shaping

All shaping shall be undertaken by hand.

Loading

All loading shall be done by hand. Haulage equipment should be selected in a manner that allows loading by hand to the greatest extent possible.

Haul

Excavation material shall be hauled to its point of placement by means of wheelbarrows where the haul distance is not greater than 150m.

Offloading

All material, however transported, is to be off-loaded by hand, unless tipper-trucks are utilised for haulage.

Spreading

All material shall be spread by hand.

Compaction

Small areas may be compacted by hand provided that the specified compaction is achieved. Appropriate rollers should be used where higher (than can be achieved by hand) levels of compaction are required or for large areas.

Grassing

All grassing shall be undertaken by sprigging, sodding, or seeding by hand.

Stone pitching and rubble concrete masonry

All stone required for stone pitching and rubble concrete masonry, whether grouted or dry, must to be collected, loaded, off loaded and placed by hand.

Sand and stone shall be hauled to its point of placement by means of wheelbarrows where the haul distance is not greater than 150m.

Grout shall be mixed and placed by hand.

Manufactured Elements

Elements manufactured or supplied by the Contractor, such as manhole rings and cover slabs, precast concrete planks and pipes, masonry units and edge beams shall not individually, have a mass of more than 320kg. Where the mass of an element exceeds 55 kg, consideration should be given to the size of the element relative to its total mass related to the number of workers who would be needed to lift such mass

C3.8 Submission of Accrual Reports

The Contractor shall submit accrual reports to the client representative at the end of March and September each year for the duration of the Service Contract period from the date of appointment up to and including project closeout. This is to ensure that PMTE complies with the accounting framework GRAP, which requires that PMTE disclose all its accruals as at the end of each reporting date.

C.3.9 Submission of Monthly Local Material Utilisation Report (Local Content)

Submission of Monthly Local Material Utilisation Report (Local Content) is *insert "applicable" or "not applicable"* to this project.

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

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

PG-03.1 (EC) SITE INFORMATION – GCC 3rd Edition (2015)

Project title:	<i>Department of Public Works and Infrastructure: Maintenance of lifts at various buildings in Johannesburg surrounding areas</i>			
Tender no:	JHB 25/16	WCS no:	054389	Reference no:

C4 Site Information

1. **GENERAL (Note to departmental project manager/consultant(s): This item serves as a guideline only and must be deleted)**
 - (a) *The Standard for Uniformity in Construction Procurement published in terms of the Construction Industry Development Board (CIDB) Act, 2000 (Act no. 38 of 2000), the Standardized Construction Procurement Documents for Engineering and Construction Works as issued by the CIDB and any other relevant documentation pertaining thereto must be studied and all principles in this regard must be applied to all procurement documentation, practices and procedures.*
 - (b) *The consultant(s)/project manager must acquaint themselves fully with all relevant matters pertaining to this section in order to enable prospective tenderers to price for all eventualities.*
2. **The following serves as a guideline only with regard to the type of items to be included in the Site Information. (Delete this instruction and re-number the items as required)**
 - (a) Describe nature of ground, surface conditions, water table as visible in test holes and other indisputable facts that may affect construction. Provide available data and information.
 - (b) Describe in detail herein any additional site information such as site location, improvements on site, adjacent buildings, environmental issues, etc.

TENDER NO: JHB 25/16



**public works
& infrastructure**

Department:
Public Works and Infrastructure
REPUBLIC OF SOUTH AFRICA

TENDER DOCUMENT

FOR

WCS 054389:

**MAINTENANCE OF LIFTS AT VARIOUS BUILDINGS IN
JOHANNESBURG SURROUNDING AREAS**

BOOK B

NAME OF TENDERER:.....

OCTOBER 2025

DEPARTMENT OF PUBLIC WORKS & INFRASTRUCTURE
BILLS OF QUANTITIES

SCHEDULE 1: PRELIMINARY AND GENERAL

PAYMENT REFERS	ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
PSA 8	1,1	General as specified in SABS 1200 A and in the project specification and Lifts Regulations No.33561 SCHEDULED FIXED- CHARGED AND VALUE-RELATED ITEMS				
PSA 8.3.1	1.1.1	Fixed preliminary and general charges	Sum	1		
	1.1.2	Value-related preliminary and general charges	Sum	1		
	1.1.3	Specialised Engineering services	Prov	Sum	R 2 160 000	R 2 160 000
		Charge required by contractor on subitem (1.1.3) above	%			
	1.1.4	Allowance for the Lift Inspector	Prov	Sum	R 1 800 000	R 1 800 000
		Charge required by contractor on subitem (1.1.4) above	%			
	1,2	Site Establishment (Facilities for Contractor)				
		.01 Site offices and storage	monthly	36		
		.02 Ablution facilities	monthly	36		
		.03 Pause Area	monthly	36		
		.04 Water and Electricity	monthly	36		
		.05 Signage and name board	Sum	1		
		.06 Fencing	Sum	1		
PSA 8.11	1,3	Occupational Health and Safety				
		.01 Compliance with OHS Act and Construction Regulations 2003	Sum	1		
PSA 8.12	1,4	CALL CENTRE				
		.01 Call centre operating costs for breakdown calls logged	Prov	Sum	R 600 000	R 600 000,00
		.02 Charge required by contractor on subitem (1) above	%			
PS 7,7	1,5	Allow for following additional				
		0.1 Allow for sim card contract for Cellphone To provide the Site Agent with a Cellphone to receive and manage calls. The rate shall include all the cost for up to 500minutes per month and 10GB data package per month	Month	36		
		Total carried forward				

PAYMENT REFERS	ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
SH	1,6	Total brought forward HIV / AIDS Awareness It is required of the Contractor to thoroughly study the Additional Specification SH: HIV / AIDS Requirements (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. Provision for pricing of HIV/AIDS awareness is made under the items 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 Representative/Agent, notwithstanding the provisions of Clause 52 of the General Conditions of Contract for Works of Civil Engineering Construction 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				
SH 07	.01	Awareness Champion Selection, appointment, briefing and making available of an Awareness Champion including provision of all relevant services.	Sum	1		
SH 04	.02	Awareness Workshops Selection and appointment of a competent Service Provider approved by the Representative/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.	Sum	1		
		Total carried forward				

PAYMENT REFERS	ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
		Total brought forward				
SH 04.03	.02.1	Displaying of laminated posters and distribution of information booklets	-	-	sum	
SH 05	.03	Access to Condoms	-	-	sum	
		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.				
SH 08	.04	Monitoring	-	-	sum	
		Monitoring HIV/AIDS awareness of workers, providing the Representative/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.				
PSA 8.8	1,7	TEMPORARY WORKS				
PSA 8.8.4		Existing Services				
PSA 8.8.4.1		Provision of detecting devices for:				
	1.7.1	(a) Submissible pumps waste water pipes	-	-	Sum	
	1.7.2	(b) Electrical and other cables	-	-	Sum	
	1,8	HEALTH AND SAFETY				
	1.8.1	Complete Notification of Construction and Submit to the Nearest Department of Labour	Sum	1		
	1.8.2	Prepare a Health and Safety Plan Including poor or registration and good standing with the compensation fund and submit to engineer	Sum	1		
	1.8.3	Implement and Maintain The Health and Safety Plan with Monthly audits	No	36		
		Total carried forward				

PAYMENT REFERS	ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
		Total brought forward				
	1,9	Schedule of rates				
		(i) Technician	hour			Rate only
		(ii) Unskilled	hour			Rate only
		(iii) Semi-skilled	hour			Rate only
		(iv) Artisan	hour			Rate only
		(v) General Labour	hour			Rate only
	1,10	<u>Payment Reduction</u>				
SA 06.03	1.10.1	Payment reduction due to exceeding of maximum allowable down time during fatal break down	Hour	-	-R 500,00	
SA 06.04	1.10.2	Payment reduction due to exceeding of maximum allowable down time during emergency breakdown.	Day	-	-R 250,00	
SA 06.05	1.10.3	Payment reduction due to exceeding of maximum allowable down-time during ordinary breakdown	Day	-	-R 250,00	
SA 06.06	1.10.4	Payment reduction due to exceeding of maximum allowable down-time during operational damage breakdown	Day	-	-R 250,00	
TOTAL SCHEDULE NO 1 - CARRIED TO FINAL SUMMARY PAGE						

SCHEDULE 2: GENERAL REPAIR WORK

REPAIR WORK

PAYMENT REFERS TO	ITEM NO	DESCRIPTION	UNIT	QUAN- TITY	RATE	AMOUNT
		GENERAL REPAIRS ITEMS				
	2,1	These items are provisional and shall only be used when instructed by the Engineer. The rates shall be applicable to all the lifts contract. NB: Please note that these rates are additional to the repair and maintenance rates measured in the bills				
PGA 05.03	2,2	ADDITIONAL LABOUR ITEMS				
SA.08	2.2.1	Rates for chargeable call out	No.	600		
PGA 05.03a	2.2.2	Additional daily inspection, cleaning and attendance	Hours	600		
PGA 05.03b	2.2.3	Do Comprehensive report				
GA 10 20		a) Base rate per lift	No.	420		
		b) Extra over rate per lift landing	No.	360		
PGA 05.03c	2.2.4	Mechanical pumping out water in pit	No.	240		
PGA 05.04	2.2.5	Replace door equipment and material				
PGA 05.04a	2.2.5.1	Replace car or landing panels				
		<u>Painted panels</u>				
		a) up to 300mm wide	No.	36		
		b) up to 600mm wide	No.	36		
		<u>Stainless Steel panels</u>				
		a) up to 300mm wide	No.	36		
		b) up to 600mm wide	No.	36		
PGA 05.04b	2.2.5.2	Replace car door operator and tracks				
		a) Doors opening up to 1300mm wide	No.	62		
		b) Doors opening up to 1800mm wide	No.	62		
PGA 05.04c	2.2.5.3	Replace landing door equipment				
		a) Doors opening up to 1300mm wide	No.	62		
		b) Doors opening up to 1800mm wide	No.	62		
PGA 05.04d	2.2.5.4	Replace landing door lock				
		a) Two speed centre opening doors	No.	38		
		b) Two speed side opening doors	No.	38		
		TOTAL CARRIED FORWARD				

PAYMENT REFERS TO	ITEM NO	DESCRIPTION	UNIT	QUAN- TITY	RATE	AMOUNT
		TOTAL BROUGHT FORWARD				
		c) Swing door	No.	5		
		d) Bi-parting doors	No.	5		
PGA 05.04e	2.2.5.5	Replace car door safety detectors	No.	41		
PGA 05.04f	2.2.5.6	Replace a complete car door safety detector	No.	41		
PGA 05.04g	2.2.5.7	Replace 3D car door safety detector	No.	37		
PGA 05.04h	2.2.5.8	Replace a complete 3D safety detector controller	No.	22		
PGA 05.04i	2.2.5.9	Replace solid wooden swing door	No.	9		
PGA 05.04j	2.2.5.10	Replace vision panel	No.	7		
PGA 05.04k	2.2.5.11	Replace door closer	No.	8		
PGA 05.05	2.2.5.12	REPAIR DAMAGED DOOR EQUIPMENT AND MATERIAL				
PGA 05.05a		Refurbish a landing architrave and sills	m²	110		
PGA 05.05b	2.2.5.13	Repair a set of damaged landing door				
		Painted doors				
		a) Repair on site	m²	38		
		b) Remove and repair off site	m²	30		
		Stainless Steel doors				
		a) Repair on site	No.	20		
		b) Remove and repair off site	No.	22		
PGA 05.05c	2.2.5.14	Repair a damaged swing landing door	No.	6		
PGA 05.05d	2.2.5.15	Repair a set of damaged car door				
		Painted				
		a) Repairs on site	No.	22		
		b) Remove and repair off site	No.	22		
		Stainless Steel				
		a) Repairs on site	No.	28		
		b) Remove and repair off site	No.	28		
PGA 05.05e	2.2.5.16	Repair a set of bi-parting car and landing door				
		a) Repairs on site	No.	13		
		b) Remove and repair off site	No.	16		
		TOTAL CARRIED FORWARD				

PAYMENT REFERS TO	ITEM NO	DESCRIPTION	UNIT	QUAN- TITY	RATE	AMOUNT
		TOTAL BROUGHT FORWARD				
PGA 05.05f	2.2.5.17	Repair damaged car door drive and operator				
		a) Damaged due to forcing door open	No.	22		
		b) Due to water damage	No.	22		
PGA 05.06	2.2.6	REPLACE CAR EQUIPMENT AND FINISHES				
PGA 05.06a	2.2.6.1	Replace car interior finishes				
PGA 05.06a(i)		Replace car interior wall finishes				
		a) With standard colour Formica	m ²	700		
		b) With stainless Steel finish	m ²	560		
PGA 05.06a(ii)	2.2.6.2	Replace mirror	m ²	560		
PGA 05.06a(iii)	2.2.6.3	Replace car floor finishes				
		a) PVC knobbed tiles similar to transit	m ²	900		
		b) PVC (vinyl) tiles similar to Marley	m ²	900		
		c) Welded PVC (vinyl) sheets similar to Marley	m ²	390		
		d) Aluminium checker plate	m ²	510		
PGA 05.06a(iv)	2.2.6.4	Replace handrails	No.	60		
PGA 05.06a(v)	2.2.6.5	Install new prismatic/opal acrylic diffuser ceiling material	m ²	72		
PGA 05.06a(vi)	2.2.6.6	Replace 100mm high stainless steel skirting	m	1 400		
PGA 05.06b	2.2.6.7	Replace car operating panels				
		a) Suitable for 8 stops	No.	20		
		b) Suitable for 14 stops	No.	32		
PGA 05.06c	2.2.6.8	Replace landing COP buttons	No.	44		
PGA 05.06d	2.2.6.9	Replace landing buttons indicator unit	No.	144		
PGA 05.06e	2.2.6.10	Replace voice annunciator	No.	72		
PGA 05.06f	2.2.6.11	Replace emergency lights	No.	72		
PGA 05.07	2.2.7	OTHER LIFT EQUIPMENT AND MATERIAL				
PGA 05.07a	2.2.7.1	Replace elevator ropes				
		Supply and install hoist ropes				
		a) 8mm 8x19 plus fibre core	m	1 900		
		b) 10mm 8x19 plus fibre core	m	2 490		
		TOTAL CARRIED FORWARD				

PAYMENT REFERS TO	ITEM NO	DESCRIPTION	UNIT	QUAN- TITY	RATE	AMOUNT
		TOTAL BROUGHT FORWARD				
		c) 13mm 8x19 plus fibre core	m	370		
		c) 16mm 8x19 plus fibre core	m	400		
		Supply and install compensation ropes				
		a) 14mm 6x19 plus fibre core	m	290		
		b) 20mm 6x19 plus fibre core	m	410		
		c) 26mm 6x19 plus fibre core	m	160		
		d) 32mm 6x19 plus fibre core	m	410		
PGA 05.07b	2.2.7.2	Replace trailing cables				
		a) 24 core 0.75mm ²	m	530		
		b) 20 core 0.75mm ² + 2 x screened twisted pair 0.5mm ²	m	480		
		c) 24 core 0.75mm ² + coax	m	480		
PGA 05.07c	2.2.7.3	Replace emergency release/lowering device	No.	72		
PGA 05.07d	2.2.7.4	Supply and install safety gear	No.	72		
PGA 05.07e	2.2.7.5	Replace controller / drive controller				
		a) Complete new controller with VVVF drive	No.	72		
		b) New VVVF drive controller	No.	79		
PGA 05.07f	2.2.7.6	Supply and install new gear, pinion and sheave complete	No.	22		
PGA 05.07g	2.2.7.7	Supply and install new VVF hoist motor	No.	34		
PGA 05.07h	2.2.7.8	Supply and install electrical power fluctuation protection plc device	No.	12		
PGA 05.08	2.2.8	INTERCOM / ALARM SYSTEM				
PGA 05.08a	2.2.8.1	Install remote intercom				
		a) 2 lifts	No.	12		
		a) 4 lifts	No.	18		
PGA 05.08b	2.2.8.1	Replace / install new GSM intercom/ alarm unit				
		a) 1 lifts	No.	18		
		a) 2 lifts	No.	18		
		TOTAL CARRIED FORWARD				

PAYMENT REFERS TO	ITEM NO	DESCRIPTION	UNIT	QUAN- TITY	RATE	AMOUNT
PGA 05.09		TOTAL BROUGHT FORWARD				
	2.2.8.2	CCTV Systems Supply and install complete 8ch Diy Drive with 1Tb Hard drive plus 8 cameras and cable & accessories Allowance for CCTV system to have monitoring screen for the cameras and all associated accessories	No.	68		
	2.2.9	REPLACE ELECTRICAL EQUIPMENT				
	2.2.9.1	Replace distribution board (without switchgear)				
		a) 100A, 20 way with 5KA fault level	No.	12		
		b) 200A, 3 x 20 way with 10kA fault level	No.	12		
		Replace electrical switchgear				
	2.2.9.2	DB Mounted isolator				
		a) 100A 3P 5kA	No.	35		
		b) 200A 3P 10kA	No.	30		
	2.2.9.3	DB mounted circuit breaker				
		a) 80A 1P 5kA	No.	20		
		b) 80A 3P lockable	No.	20		
	2.2.9.4	DB mounted earth leakage				
		a) 20A 2P CB	No.	30		
		b) 60A 2P isolator	No.	18		
	2.2.9.5	Replace light fitting with LED fitting The rate is for the number of light fittings replaced. Allow for water proof glands, cable terminations and wiring				
		a) Round base bulkhead LED 20W)	No.	60		
		b) 1.5m tube fluorescent fitting single tube (LED 54W)	No.	44		
		c) 1.5m tube fluorescent fitting double tube (LED 2x54W)	No.	38		
PGA 05.09d	2.2.9.6	New light point	No.	28		
	2.2.10	PROVISIONAL AMOUNT Allowance for Civil associated works including but not limited to: Breaking of walls and rebuilding for the lifts Waterproofing in the lift shaft Distribution board and control panel civil associated works Charge required by Contractor on sub-item (2,2,10)	Prov %	Sum	R 6 900 000,00	R 6 900 000,00
		TOTAL CARRIED FORWARD				

PAYMENT REFERS TO	ITEM NO	DESCRIPTION	UNIT	QUAN- TITY	RATE	AMOUNT
		TOTAL BROUGHT FORWARD				
PGA 05.10	2.2.11	BUILDING RELATED WORK				
PGA 05.10a	2.2.11.1	New 5kg CO2 fire extinguisher	No.	72		
PGA 05.10b	2.2.11.2	Replace or install new motor room extractor fan	No.	40		
		Install water proofing to leaking roof				
		a) Concrete roof touch on derbigum	m²	700		
		b) Tiles & galvanised sheet flashing	m²	840		
		c) Supply and install new extraction fan	No.	32		
		d) Painting of machine room wall to match existing colour	m²	3 700		
PGA 05.10d	2.2.11.3	e) Supply and install steel safety gate at motor room	No.	72		
PGA 05.10e	2.2.11.4	f) Supply and install new sump pump	No.	68		
PGA 05.09e	2.2.11.6	g) Supply and install new shaft LED lights	No.	72		
TOTAL SCHEDULE FOR GENERAL REPAIRS: CARRIED TO FINAL SUMMARY PAGE						

SCHEDULE 3: LIFT REPAIRS

REPAIR AND MAINTENANCE WORK

PAYMENT REFERS TO	ITEM NO	DESCRIPTION	UNIT	QUAN- TITY	RATE	AMOUNT
SB .03	3	<u>Triomf Herdershof Police Station</u> As-built information and Operating and Maintenance Manuals.				
	3.1	Obtaining of all available information, compiling, reproducing and finalising as built electrical drawings and fault finding equipment and Maintenance Manuals as specified in SB 05.01 and AB 03 and handing over to the Engineer.	No	2		
SB .01	3.1.1	Presenting a training course for operators	No	1		
	3.2	Logging and Reporting				
	3.2.1	Logging and recording of operating conditions, services, maintenance visits, reports, breakdowns, samples, inspections, test, etc	Sum	1		
	3.3	Maintenance Tools				
GA 07	3.3.1	Provision for maintenance tools to be provided at motor room	Sum	1		
	3.4	Inspection and Report on the following for defects failure etc.				
GA 10 20	3.4.1	Motor room, shaft and lift pit	No.	2		
	3.4.2	Control system and wiring	No.	2		
	3.4.3	Lift sheaves, brakes assembly, gears and lift drive	No.	2		
	3.4.4	Lift shaft guide rails, counter weight, shaft lights, etc	No.	2		
GA 10 05	3.4.5	Lift car, car door and landing equipments	No.	2		
		Installation 3A: Triomf Herdershof Police Station: JE5737				
PGA 05.01	3.5	Major Repair				
	3.5.1	Major repair of the lift installation	Sum	1		
		Maintenance				
SA 02	3.5.2	Maintenance of the lift during repair phase (10 points = 1month)	point	360		
		<u>Repair Work</u>				
	3.5.3	Replace Transformer for main controller	No.	1		
PGA 05.06c	3.5.4	Replace landing COP buttons	No.	6		
PGA 05.09e	3.5.5	Installation of shaft lights in accordance to SANS 50081 (Part 1).	No.	8		
		TOTAL CARRIED FORWARD				

PAYMENT REFERS TO	ITEM NO	DESCRIPTION	UNIT	QUAN- TITY	RATE	AMOUNT
PGA 05.06	3.5.6	TOTAL BROUGHT FORWARD <u>Repair car interior and finishes</u> a) Replace stainless steel car wall b) Replace aluminium checker plate floor finish c) Install new prismatic acrylic diffuser ceiling material	m²	6		
PGA 05.10	3.5.7	Install new sump pump	No.	2		
PGA 05.01	3.6	Major Repair				
	3.6.1	Major repair of the lift installation	Sum	1		
		Maintenance				
SA 02	3.6.2	Maintenance of the lift during repair phase (10 points = 1month) <u>Repair Work</u>	point	360		
	3.6.3	Replace Transformer for main controller	No.	1		
PGA 05.06c	3.6.4	Replace landing COP buttons	No.	6		
PGA 05.09e	3.6.5	Installation of shaft lights in accordance to SANS 50081 (Part 1).	No.	4		
		TOTAL SCHEDULE NO. 3: CARRIED TO SUMMARY				

SCHEDULE 4: LIFT REPAIRS

REPAIR AND MAINTENANCE WORK

PAYMENT REFERS TO	ITEM NO	DESCRIPTION	UNIT	QUAN- TITY	RATE	AMOUNT
SB .03	4	<u>Pneumoconiosis</u>				
		As-built information and Operating and Maintenance Manuals.				
	4,1	Obtaining of all available information, compiling, reproducing and finalising as built electrical drawings and fault finding equipment and Maintenance Manuals as specified in SB 05.01 and AB 03 and handing over to the Engineer.	No	2		
SB .01	4.1.1	Presenting a training course for operators	No	1		
	4,2	Logging and Reporting				
	4.2.1	Logging and recording of operating conditions, services, maintenance visits, reports, breakdowns, samples, inspections, test, etc	Sum	1		
	4,3	Maintenance Tools				
GA 07	4.3.1	Provision for maintenance tools to be provided at motor room	Sum	1		
	4,4	Inspection and Report on the following for defects failure etc.				
GA 10 20	4.4.1	Motor room, shaft and lift pit	No.	2		
	4.4.2	Control system and wiring	No.	2		
	4.4.3	Lift sheaves, brakes assembly, gears and lift drive	No.	2		
	4.4.4	Lift shaft guide rails, counter weight, shaft lights, etc	No.	2		
GA 10 05	4.4.5	Lift car, car door and landing equipments	No.	2		
		Installation 4A: Pneumoconiosis : 01L2436				
PGA 05.01	4,5	Major Repair				
	4.5.1	Major repair of the lift installation	Sum	1		
		Maintenance				
SA 02	4.5.2	Maintenance of the lift during repair phase (10 points = 1month)	point	360		
		Installation 4B: Pneumoconiosis : 01L2437				
PGA 05.01	4,6	Major Repair				
	4.6.1	Major repair of the lift installation	Sum	1		
		Maintenance				
SA 02	4.6.2	Maintenance of the lift during repair phase (10 points = 1month)	point	360		
		TOTAL SCHEDULE NO. 4: CARRIED TO SUMMARY				

SCHEDULE 5: LIFT REPAIRS

REPAIR AND MAINTENANCE WORK

PAYMENT REFERS TO	ITEM NO	DESCRIPTION	UNIT	QUAN- TITY	RATE	AMOUNT
SB .03	5	<u>SAPS District Head Quarters Roodepoort</u> As-built information and Operating and Maintenance Manuals.				
	5,1	Obtaining of all available information, compiling, reproducing and finalising as built electrical drawings and fault finding equipment and Maintenance Manuals as specified in SB 05.01 and AB 03 and handing over to the Engineer.	No	2		
SB .01	5.1.1	Presenting a training course for operators	No	1		
FD 06	5,2	Logging and Reporting				
	5.2.1	Logging and recording of operating conditions, services, maintenance visits, reports, breakdowns, samples, inspections, test, etc	Sum	1		
	5,3	Maintenance Tools				
GA 07	5.3.1	Provision for maintenance tools to be provided at motor room	Sum	1		
	5,4	Inspection and Report on the following for defects failure etc.				
GA 10 20	5.4.1	Motor room, shaft and lift pit	No.	2		
	5.4.2	Control system and wiring	No.	2		
	5.4.3	Lift sheaves, brakes assembly, gears and lift drive	No.	2		
	5.4.4	Lift shaft guide rails, counter weight, shaft lights, etc	No.	2		
GA 10 05	5.4.5	Lift car, car door and landing equipments	No.	2		
		Installation 5A: SAP District Head Quarters Roodepoort: JE7562				
PGA 05.01	5,5	Major Repair				
	5.5.1	Major repair of the lift installation	Sum	1		
		Maintenance				
SA 02	5.5.2	Maintenance of the lift during repair phase (10 points = 1month)	point	360		
		TOTAL CARRIED FORWARD				

PAYMENT REFERS TO	ITEM NO	DESCRIPTION	UNIT	QUAN- TITY	RATE	AMOUNT
PGA 05.01		TOTAL BROUGHT FORWARD				
		Installation 5B: SAP District Head Quarters Roodepoort: JE7563				
	5,6	Major Repair				
	5.6.1	Major repair of the lift installation	Sum	1		
		Maintenance				
SA 02	5.6.2	Maintenance of the lift during repair phase (10 points = 1month)	point	360		
TOTAL SCHEDULE NO. 5: CARRIED TO SUMMARY						

SCHEDULE 6: LIFT REPAIRS

REPAIR AND MAINTENANCE WORK

PAYMENT REFERS TO	ITEM NO	DESCRIPTION	UNIT	QUAN- TITY	RATE	AMOUNT
		<u>Public Offices Roodepoort</u>				
SB .03	6	As-built information and Operating and Maintenance Manuals.				
	6,1	Obtaining of all available information, compiling, reproducing and finalising as built electrical drawings and fault finding equipment and Maintenance Manuals as specified in SB 05.01 and AB 03 and handing over to the Engineer.	No	1		
SB .01	6.1.1	Presenting a training course for operators	No	1		
FD 06	6,2	Logging and Reporting				
	6.2.1	Logging and recording of operating conditions, services, maintenance visits, reports, breakdowns, samples, inspections, test, etc	Sum	1		
	6,3	Maintenance Tools				
GA 07	6.3.1	Provision for maintenance tools to be provided at motor room	Sum	1		
	6,4	Inspection and Report on the following for defects failure etc.				
GA 10 20	6.4.1	Motor room, shaft and lift pit	No.	1		
	6.4.2	Control system and wiring	No.	1		
	6.4.3	Lift sheaves, brakes assembly, gears and lift drive	No.	1		
	6.4.4	Lift shaft guide rails, counter weight, shaft lights, etc	No.	1		
GA 10 05	6.4.5	Lift car, car door and landing equipments	No.	1		
		Installation 6A: Public Offices Roodepoort: 01L3030				
PGA 05.01	6,5	Major Repair				
	6.5.1	Major repair of the lift installation	Sum	1		
		Maintenance				
SA 02	6.5.2	Maintenance of the lift during repair phase (10 points = 1month)	point	360		
		<u>Repair Work</u>				
	6.5.3	Replace Transformer for main controller	No.	1		
PGA 05.06c	6.5.4	Replace landing COP buttons	No.	8		
PGA 05.09e	6.5.5	Installation of shaft lights in accordance to SANS 50081 (Part 1).	No.	1		
		TOTAL CARRIED FORWARD				

PAYMENT REFERS TO	ITEM NO	DESCRIPTION	UNIT	QUAN- TITY	RATE	AMOUNT
		TOTAL BROUGHT FORWARD				
PGA 05.06	6.5.6	<u>Repair car interior and finishes</u>				
		a) Replace stainless steel car wall	m²	6		
		b) Replace aluminium checker plate floor finish	m²	6		
		c) Install new prismatic acrylic diffuser ceiling material	m²	3		
PGA 05.10	6.5.7	Install new sump pump	No.	1		
TOTAL SCHEDULE NO. 6: CARRIED TO SUMMARY						

SCHEDULE 7: LIFT REPAIRS

REPAIR AND MAINTENANCE WORK

PAYMENT REFERS TO	ITEM NO	DESCRIPTION	UNIT	QUAN- TITY	RATE	AMOUNT
SB .03	7	<u>SAPS Vereeniging</u>				
		As-built information and Operating and Maintenance Manuals.				
	7,1	Obtaining of all available information, compiling, reproducing and finalising as built electrical drawings and fault finding equipment and Maintenance Manuals as specified in SB 05.01 and AB 03 and handing over to the Engineer.	No	1		
SB .01	7.1.1	Presenting a training course for operators	No	1		
FD 06	7,2	Logging and Reporting				
	7.2.1	Logging and recording of operating conditions, services, maintenance visits, reports, breakdowns, samples, inspections, test, etc	Sum	1		
	7,3	Maintenance Tools				
GA 07	7.3.1	Provision for maintenance tools to be provided at motor room	Sum	1		
	7,4	Inspection and Report on the following for defects failure etc.				
GA 10 20	7.4.1	Motor room, shaft and lift pit	No.	1		
	7.4.2	Control system and wiring	No.	1		
	7.4.3	Lift sheaves, brakes assembly, gears and lift drive	No.	1		
	7.4.4	Lift shaft guide rails, counter weight, shaft lights, etc	No.	1		
GA 10 05	7.4.5	Lift car, car door and landing equipments	No.	1		
		Installation 7A:SAPS Vereeniging: 01L2844				
PGA 05.01	7,5	Major Repair				
	7.5.1	Major repair of the lift installation	Sum	1		
		Maintenance				
SA 02	7.5.2	Maintenance of the lift during repair phase (10 points = 1month)	point	360		
TOTAL SCHEDULE NO. 7: CARRIED TO SUMMARY						

SCHEDULE 8: LIFT REPAIRS

REPAIR AND MAINTENANCE WORK

PAYMENT REFERS TO	ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
SB .03	8	SAPS Flats Benoni As-built information and Operating and Maintenance Manuals.				
	8,1	Obtaining of all available information, compiling, reproducing and finalising as built electrical drawings and fault finding equipment and Maintenance Manuals as specified in SB 05.01 and AB 03 and handing over to the Engineer.	No	2		
SB .01	8.1.1	Presenting a training course for operators	No	1		
FD 06	8,2	Logging and Reporting				
	8.2.1	Logging and recording of operating conditions, services, maintenance visits, reports, breakdowns, samples, inspections, test, etc	Sum	1		
	8,3	Maintenance Tools				
GA 07	8.3.1	Provision for maintenance tools to be provided at motor room	Sum	1		
	8,4	Inspection and Report on the following for defects failure etc.				
GA 10 20	8.4.1	Motor room, shaft and lift pit	No.	2		
	8.4.2	Control system and wiring	No.	2		
	8.4.3	Lift sheaves, brakes assembly, gears and lift drive	No.	2		
	8.4.4	Lift shaft guide rails, counter weight, shaft lights, etc	No.	2		
GA 10 05	8.4.5	Lift car, car door and landing equipments	No.	2		
		Installation 8A: SAPS Flats Benoni: 01L3032				
PGA 05.01	8,5	Major Repair				
	8.5.1	Major repair of the lift installation	Sum	1		
		Maintenance				
SA 02	8.5.2	Maintenance of the lift during repair phase (10 points = 1month)	point	360		
		<u>Repair Work</u>				
PGA 05.09e	8.5.3	Installation of shaft lights in accordance to SANS 50081 (Part 1).	No.	8		
	8.5.4	Replace Transformer for main controller	No.	1		
PGA 05.06c	8.5.5	Replace landing COP buttons	No.	5		
		TOTAL CARRIED FORWARD				

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SCHEDULE 9: LIFT REPAIRS

REPAIR AND MAINTENANCE WORK

PAYMENT REFERS TO	ITEM NO	DESCRIPTION	UNIT	QUAN- TITY	RATE	AMOUNT
SB .03	9	<u>PWD Stores</u> As-built information and Operating and Maintenance Manuals.				
	9.1	Obtaining of all available information, compiling, reproducing and finalising as built electrical drawings and fault finding equipment and Maintenance Manuals as specified in SB 05.01 and AB 03 and handing over to the Engineer.	No	2		
SB .01	9.1.1	Presenting a training course for operators	No	1		
FD 06	9.2	Logging and Reporting				
	9.2.1	Logging and recording of operating conditions, services, maintenance visits, reports, breakdowns, samples, inspections, test, etc	Sum	1		
	9.3	Maintenance Tools				
GA 07	9.3.1	Provision for maintenance tools to be provided at motor room	Sum	1		
	9.4	Inspection and Report on the following for defects failure etc.				
GA 10 20	9.4.1	Motor room, shaft and lift pit	No.	2		
	9.4.2	Control system and wiring	No.	2		
	9.4.3	Lift sheaves, brakes assembly, gears and lift drive	No.	2		
	9.4.4	Lift shaft guide rails, counter weight, shaft lights, etc	No.	2		
GA 10 05	9.4.5	Lift car, car door and landing equipments	No.	2		
		Installation 9A: PWD Stores: 01L3633				
PGA 05.01	9.5	Major Repair				
	9.5.1	Major repair of the lift installation	Sum	1		
		Maintenance				
SA 02	9.5.2	Maintenance of the lift during repair phase (10 points = 1month)	point	360		
		<u>Repair Work</u>				
PGA 05.09e	9.5.3	Installation of shaft lights in accordance to SANS 50081 (Part 1).	No.	7		
PGA.05.10	9.5.4	Install new sump pump	No.	1		
		TOTAL CARRIED FORWARD				

PAYMENT REFERS TO	ITEM NO	DESCRIPTION	UNIT	QUAN- TITY	RATE	AMOUNT
PGA 05.06	9.5.5	TOTAL BROUGHT FORWARD				
		<u>Repair car interior and finishes</u>				
		a) Replace stainless steel car wall	m ²	6		
		b) Replace aluminium checker plate floor finish	m ²	6		
PGA 05.01	9.6	c) Install new prismatic acrylic diffuser ceiling material	m ²	2		
		Installation 9B: PWD Stores: 01L3634				
		Major Repair				
		9.6.1 Major repair of the lift installation	Sum	1		
SA 02	9.6.2	Maintenance				
		Maintenance of the lift during repair phase (10 points = 1month)	point	360		
		<u>Repair Work</u>				
		9.6.3 Installation of shaft lights in accordance to SANS 50081 (Part 1).	No.	6		
PGA 05.09e	9.6.4	Replace Transformer for main controller	No.	1		
PGA 05.06	9.6.5	<u>Repair car interior and finishes</u>				
		a) Replace stainless steel car wall	m ²	6		
		b) Replace aluminium checker plate floor finish	m ²	6		
		c) Install new prismatic acrylic diffuser ceiling material	m ²	4		
PGA 05.10	9.6.6	Install new sump pump	No.	1		
TOTAL SCHEDULE NO. 9: CARRIED TO SUMMARY						

SCHEDULE 10: LIFT REPAIRS

REPAIR AND MAINTENANCE WORK

PAYMENT REFERS TO	ITEM NO	DESCRIPTION	UNIT	QUAN- TITY	RATE	AMOUNT
SB .03	10	SAP Krugersdorp				
		As-built information and Operating and Maintenance Manuals.				
	10,1	Obtaining of all available information, compiling, reproducing and finalising as built electrical drawings and fault finding equipment and Maintenance Manuals as specified in SB 05.01 and AB 03 and handing over to the Engineer.	No	2		
SB .01	10.1.1	Presenting a training course for operators	No	1		
FD 06	10,2	Logging and Reporting				
		Logging and recording of operating conditions, services, maintenance visits, reports, breakdowns, samples, inspections, test, etc	Sum	1		
	10,3	Maintenance Tools				
GA 07	10.3.1	Provision for maintenance tools to be provided at motor room	Sum	1		
	10,4	Inspection and Report on the following for defects failure etc.				
GA 10 20	10.4.1	Motor room, shaft and lift pit	No.	2		
	10.4.2	Control system and wiring	No.	2		
	10.4.3	Lift sheaves, brakes assembly, gears and lift drive	No.	2		
	10.4.4	Lift shaft guide rails, counter weight, shaft lights, etc	No.	2		
GA 10 05	10.4.5	Lift car, car door and landing equipments	No.	2		
		Installation 10A: SAP Krugersdorp: 01L2441				
PGA 05.01	10,5	Major Repair				
		Major repair of the lift installation	Sum	1		
		Maintenance				
SA 02	10.5.2	Maintenance of the lift during repair phase (10 points = 1month)	point	360		
		TOTAL CARRIED FORWARD				

SCHEDULE 11: LIFT REPAIRS

REPAIR AND MAINTENANCE WORK

PAYMENT REFERS TO	ITEM NO	DESCRIPTION	UNIT	QUAN- TITY	RATE	AMOUNT
SB .03	11	Harrison Street Government Offices As-built information and Operating and Maintenance Manuals.				
	11,1	Obtaining of all available information, compiling, reproducing and finalising as built electrical drawings and fault finding equipment and Maintenance Manuals as specified in SB 05.01 and AB 03 and handing over to the Engineer.	No	5		
SB .01	11.1.1	Presenting a training course for operators	No	1		
FD 06	11,2	Logging and Reporting				
	11.2.1	Logging and recording of operating conditions, services, maintenance visits, reports, breakdowns, samples, inspections, test, etc	Sum	1		
	11,3	Maintenance Tools				
GA 07	11.3.1	Provision for maintenance tools to be provided at motor room	Sum	1		
	11,4	Inspection and Report on the following for defects failure etc.				
GA 10 20	11.4.1	Motor room, shaft and lift pit	No.	5		
	11.4.2	Control system and wiring	No.	5		
	11.4.3	Lift sheaves, brakes assembly, gears and lift drive	No.	5		
	11.4.4	Lift shaft guide rails, counter weight, shaft lights, etc	No.	5		
GA 10 05	11.4.5	Lift car, car door and landing equipments	No.	5		
		Installation 11A: Harrison Street Government Offices: 01L2845				
PGA 05.01	11,5	Major Repair				
	11.5.1	Major repair of the lift installation	Sum	1		
		Maintenance				
SA 02	11.5.2	Maintenance of the lift during repair phase (10 points = 1month)	point	360		
		TOTAL CARRIED FORWARD				

PAYMENT REFERS TO	ITEM NO	DESCRIPTION	UNIT	QUAN- TITY	RATE	AMOUNT
		TOTAL BROUGHT FORWARD				
		Installation 11B: Harrison Street Government Offices: 01L2846				
PGA 05.01	11,6	Major Repair				
	11.6.1	Major repair of the lift installation	Sum	1		
		Maintenance				
SA 02	11.6.2	Maintenance of the lift during repair phase (10 points = 1month)	point	360		
		Installation 11C: Harrison Street Government Offices: 01L2847				
PGA 05.01	11,7	Major Repair				
	11.7.1	Major repair of the lift installation	Sum	1		
		Maintenance				
SA 02	11.7.2	Maintenance of the lift during repair phase (10 points = 1month)	point	360		
		Installation 11D: Harrison Street Government Offices: 01L2848				
PGA 05.01	11,8	Major Repair				
	11.8.1	Major repair of the lift installation	Sum	1		
		Maintenance				
SA 02	11.8.2	Maintenance of the lift during repair phase (10 points = 1month)	point	360		
		Installation 11E: Harrison Street Government Offices: JE2792				
PGA 05.01	11,9	Major Repair				
	11.9.1	Major repair of the lift installation	Sum	1		
		Maintenance				
SA 02	11.9.2	Maintenance of the lift during repair phase (10 points = 1month)	point	360		
TOTAL SCHEDULE NO. 11: CARRIED TO SUMMARY						

SCHEDULE 12: LIFT REPAIRS

REPAIR AND MAINTENANCE WORK

PAYMENT REFERS TO	ITEM NO	DESCRIPTION	UNIT	QUAN- TITY	RATE	AMOUNT
SB .03	12	Johannesburg Central Police Station				
		As-built information and Operating and Maintenance Manuals.				
	12,1	Obtaining of all available information, compiling, reproducing and finalising as built electrical drawings and fault finding equipment and Maintenance Manuals as specified in SB 05.01 and AB 03 and handing over to the Engineer.	No	4		
SB .01	12.1.1	Presenting a training course for operators	No	1		
FD 06	12,2	Logging and Reporting				
		Logging and recording of operating conditions, services, maintenance visits, reports, breakdowns, samples, inspections, test, etc	Sum	1		
GA 07	12,3	Maintenance Tools				
		Provision for maintenance tools to be provided at motor room	Sum	1		
GA 10 20	12,4	Inspection and Report on the following for defects failure etc.				
		Motor room, shaft and lift pit	No.	4		
		Control system and wiring	No.	4		
		Lift sheaves, brakes assembly, gears and lift drive	No.	4		
GA 10 05	12,4.4	Lift shaft guide rails, counter weight, shaft lights, etc	No.	4		
		Lift car, car door and landing equipments	No.	4		
PGA 05.01	12,5	Installation 12A: Johannesburg Central Police Station: 01L5110				
		Major Repair				
	12.5.1	Major repair of the lift installation	Sum	1		
SA 02	12,5	Maintenance				
		Maintenance of the lift during repair phase (10 points = 1month)	point	360		
PGA 05.01	12,6	Installation 12B: Johannesburg Central Police Station: 01L5111				
		Major Repair				
	12.6.1	Major repair of the lift installation	Sum	1		
SA 02	12,6	Maintenance				
		Maintenance of the lift during repair phase (10 points = 1month)	point	360		
		TOTAL CARRIED FORWARD				

PAYMENT REFERS TO	ITEM NO	DESCRIPTION	UNIT	QUAN- TITY	RATE	AMOUNT
		TOTAL BROUGHT FORWARD				
		Installation 12C: Johannesburg Central Police Station: 01L5108				
PGA 05.01	12,7	Major Repair				
	12.7.1	Major repair of the lift installation	Sum	1		
		Maintenance				
SA 02	12.7.2	Maintenance of the lift during repair phase (10 points = 1month)	point	360		
		Installation 12D: Johannesburg Central Police Station: 01L5107				
PGA 05.01	12,8	Major Repair				
	12.8.1	Major repair of the lift installation	Sum	1		
		Maintenance				
SA 02	12.8.2	Maintenance of the lift during repair phase (10 points = 1month)	point	360		
		<u>Repair Work</u>				
PGA 05.09e	12.8.3	Installation of shaft lights in accordance to SANS 50081 (Part 1).	No.	18		
	12.8.4	Replace Transformer for main controller	No.	3		
PGA 05.06	12.8.5	<u>Repair car interior and finishes</u>				
		a) Replace stainless steel car wall	m ²	40		
		b) Replace aluminium checker plate floor finish	m ²	50		
		c) Install new prismatic acrylic diffuser ceiling material	m ²	18		
PGA 05.10	12.8.6	Install new sump pump	No.	4		
		TOTAL SCHEDULE NO. 12: CARRIED TO SUMMARY				

SCHEDULE 13: LIFT REPAIRS

REPAIR AND MAINTENANCE WORK

PAYMENT REFERS TO	ITEM NO	DESCRIPTION	UNIT	QUAN- TITY	RATE	AMOUNT
SB .03	13	New Revenue Offices				
		As-built information and Operating and Maintenance Manuals.				
	13,1	Obtaining of all available information, compiling, reproducing and finalising as built electrical drawings and fault finding equipment and Maintenance Manuals as specified in SB 05.01 and AB 03 and handing over to the Engineer.	No	7		
SB .01	13.1.1	Presenting a training course for operators	No	1		
FD 06	13,2	Logging and Reporting				
	13.2.1	Logging and recording of operating conditions, services, maintenance visits, reports, breakdowns, samples, inspections, test, etc	Sum	1		
	13,3	Maintenance Tools				
GA 07	13.3.1	Provision for maintenance tools to be provided at motor room	Sum	1		
	13,4	Inspection and Report on the following for defects failure etc.				
GA 10 20	13.4.1	Motor room, shaft and lift pit	No.	7		
	13.4.2	Control system and wiring	No.	7		
	13.4.3	Lift sheaves, brakes assembly, gears and lift drive	No.	7		
	13.4.4	Lift shaft guide rails, counter weight, shaft lights, etc	No.	7		
GA 10 05	13.4.5	Lift car, car door and landing equipments	No.	7		
		Installation 13A: New Revenue Offices: JE2803				
PGA 05.01	13,5	Major Repair				
	13.5.1	Major repair of the lift installation	Sum	1		
		Maintenance				
SA 02	13.5.2	Maintenance of the lift during repair phase (10 points = 1month)	point	360		
		Installation 13B: New Revenue Offices: JE2804				
PGA 05.01	13,6	Major Repair				
	13.6.1	Major repair of the lift installation	Sum	1		
		Maintenance				
SA 02	13.6.2	Maintenance of the lift during repair phase (10 points = 1month)	point	360		
		TOTAL CARRIED FORWARD				

PAYMENT REFERS TO	ITEM NO	DESCRIPTION	UNIT	QUAN- TITY	RATE	AMOUNT
PGA 05.01	13,7	TOTAL BROUGHT FORWARD				
		Installation 13C: New Revenue Offices: JE2805				
		Major Repair				
	13.7.1	Major repair of the lift installation	Sum	1		
		Maintenance				
SA 02	13.7.2	Maintenance of the lift during repair phase (10 points = 1month)	point	360		
PGA 05.01	13,80	Installation 13D: New Revenue Offices: JE2806				
		Major Repair				
		13.8.1 Major repair of the lift installation	Sum	1		
		Maintenance				
SA 02	13.8.2	Maintenance of the lift during repair phase (10 points = 1month)	point	360		
PGA 05.01	13,90	Installation 13E: New Revenue Offices: JE2807				
		Major Repair				
		13.9.1 Major repair of the lift installation	Sum	1		
		Maintenance				
SA 02	13.9.2	Maintenance of the lift during repair phase (10 points = 1month)	point	360		
PGA 05.01	13,10	Installation 13F: New Revenue Offices: JE2808				
		Major Repair				
		13.10.1 Major repair of the lift installation	Sum	1		
		Maintenance				
SA 02	13.10.2	Maintenance of the lift during repair phase (10 points = 1month)	point	360		
PGA 05.01	13,90	Installation 13G: New Revenue Offices: 01L3090				
		Major Repair				
		13.9.1 Major repair of the lift installation	Sum	1		
		Maintenance				
SA 02	13.9.2	Maintenance of the lift during repair phase (10 points = 1month)	point	360		
TOTAL SCHEDULE NO. 13: CARRIED TO SUMMARY						

SCHEDULE 14: LIFT REPAIRS

REPAIR AND MAINTENANCE WORK

PAYMENT REFERS TO	ITEM NO	DESCRIPTION	UNIT	QUAN- TITY	RATE	AMOUNT
SB .03	14	Benoni Mechanical School				
		As-built information and Operating and Maintenance Manuals.				
	14,1	Obtaining of all available information, compiling, reproducing and finalising as built electrical drawings and fault finding equipment and Maintenance Manuals as specified in SB 05.01 and AB 03 and handing over to the Engineer.	No	4		
SB .01	14.1.1	Presenting a training course for operators	No	1		
FD 06	14,2	Logging and Reporting				
	14.2.1	Logging and recording of operating conditions, services, maintenance visits, reports, breakdowns, samples, inspections, test, etc	Sum	1		
	14,3	Maintenance Tools				
GA 07	14.3.1	Provision for maintenance tools to be provided at motor room	Sum	1		
	14,4	Inspection and Report on the following for defects failure etc.				
GA 10 20	14.4.1	Motor room, shaft and lift pit	No.	4		
	14.4.2	Control system and wiring	No.	4		
	14.4.3	Lift sheaves, brakes assembly, gears and lift drive	No.	4		
	14.4.4	Lift shaft guide rails, counter weight, shaft lights, etc	No.	4		
GA 10 05	14.4.5	Lift car, car door and landing equipments	No.	4		
		Installation 14A: Benoni Mechanical School: BE105				
PGA 05.01	14,5	Major Repair				
	14.5.1	Major repair of the lift installation	Sum	1		
		Maintenance				
SA 02	14.5.2	Maintenance of the lift during repair phase (10 points = 1month)	point	360		
		Installation 14B: Benoni Mechanical School: BE106				
PGA 05.01	14,6	Major Repair				
	14.6.1	Major repair of the lift installation	Sum	1		
		Maintenance				
SA 02	14.6.2	Maintenance of the lift during repair phase (10 points = 1month)	point	360		
		TOTAL CARRIED FORWARD				

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DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE

SUMMARY OF SCHEDULE OF QUANTITIES FOR REPAIR AND MAINTENANCE OF LIFTS INSTALLATION

TOTAL SCHEDULE NO 3	: TRIOMF HERDERSHOF POLICE STATION	R	
TOTAL SCHEDULE NO 4	: PNEUMOCONIOSIS	R	
TOTAL SCHEDULE NO 5	: SAP DISTRICT HEAD QUARTERS ROODEPOORT	R	
TOTAL SCHEDULE NO 6	: PUBLIC OFFICES ROODEPOORTS	R	
TOTAL SCHEDULE NO 7	: SAPS VEREENIGING	R	
TOTAL SCHEDULE NO 8	: SAPS FLATS BENONI	R	
TOTAL SCHEDULE NO 9	: PWD STORES	R	
TOTAL SCHEDULE NO 10	: SAP KRUGERSDORP	R	
TOTAL SCHEDULE NO 11	: HARRISON STREET GOVERNMENT OFFICES	R	
TOTAL SCHEDULE NO 12	: JOHANNESBURG CENTRAL POLICE STATION	R	
TOTAL SCHEDULE NO 13	: NEW REVENUE OFFICES	R	
TOTAL SCHEDULE NO 14	: BENONI MECHANICAL SCHOOL	R	
CARRIED OVER TO FINAL SUMMERY PAGE			R

DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE

<u>FINAL SUMMARY OF SCHEDULE OF QUANTITIES</u>	
PRELIMINARY AND GENERAL	
SCHEDULE FOR GENERAL REPAIR WORK	
SUMMARY OF REPAIR AND MAINTENANCE	
SUB-TOTAL OF SCHEDULE OF QUANTITIES	
VALUE ADDED TAX 15%	
TOTAL CARRIED OVER TO TENDER FORM	
SIGNED ON BEHALF OF TENDERER_____	
TOTAL OF SCHEDULE OF QUANTITIES: REPAIR WORK - CARRIED TO CALCULATION OF TENDER SUM	

TENDER NO: JHB 25/16



**public works
& infrastructure**

Department:
Public Works and Infrastructure
REPUBLIC OF SOUTH AFRICA

TENDER DOCUMENT

FOR

WCS 054389:

**MAINTENANCE OF LIFTS AT VARIOUS BUILDINGS IN
JOHANNESBURG SURROUNDING AREAS**

BOOK C

NAME OF TENDERER:.....

OCTOBER 2025

PG-01.1 (EC) SCOPE OF WORKS – (GCC (General Conditions of Contract for Construction Works) 3rd Edition 2015)

Project title	<i>NDPW: Minor, Major Repair and Maintenance of Various Lifts in Johannesburg, Various Government Buildings</i>		
Tender No	JHB 25/16	Reference No	

C3. Scope of Works

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B: AMENDMENTS TO THE PARTICULAR SPECIFICATIONS

Variations and additions to the following SANS 1200 Standardised Specifications:

- SANS 1200 A : General
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C3.3 PARTICULAR (PROJECT) SPECIFICATIONS

- a) Technical Specifications
 - Part 1 – General Specification
 - Part 2 – Equipment Specification
 - Part 3 – Operational Specification
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 - Part 6i

- Annexure A – Additional Specification
 - Operating and Maintenance Manuals
- Annexure B – Imported Material and Equipment

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".

PG-01.1 (EC) Scope of Works – GCC

b) Particular Specifications

PGA	PASSENGER LIFTS, ACCESS GOODS ONLY LIFTS AND ESCALATORS
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PGA 02	GENERAL DESCRIPTION OF INSTALLATIONS
PGA 03	TECHNICAL DETAILS OF EXISTING INSTALLATIONS AND REPAIR WORK TO BE DONE
PGA 04	TECHNICAL DETAILS OF INSTALLATIONS TO BE MODERNISED
PGA 05	MEASUREMENT AND PAYMENT
PGA06	SCHEDULE A: INSTALLATIONS

c) Additional Specifications

The following Additional Specifications for work not covered by the SABS 1200 Standardised Specifications or the Technical and Particular Specifications are bound in after the Technical and Particular Specifications:

SA	:	General maintenance
SB	:	Operating and maintenance manuals
SC	:	General decommissioning, testing and commissioning procedures
SD	:	General training
SF	:	General operation
SH	:	HIV / AIDS Requirements
SI	:	Occupational Health and Safety

Tender no:

WCS No:

C3.1 STANDARD SPECIFICATIONS:

The standard specifications on which this contract is based are the **South African Bureau of Standards Standardized Specifications for Civil Engineering Construction SABS 1200**. *(Note to compiler. "SABS" has been changed to "SANS"; the SABS 1200 specifications are due to be replaced in the foreseeable future by SANS 1200)*

Although not bound in nor issued with this Document, the following Sections of the Standardized Specifications of SABS 1200 shall form part of this Contract:

1. SANS 1200 - Standardised Specifications for Civil Engineering Construction*
2. SANS - Standard Specifications*
3. OW 371 - Specification of Materials and Methods to be used. Fourth revision, October 1993.**
4. Guide for architects concerning drainage, water supply and storm water drainage**
5. PW 343 - Building specifications for Regional Offices**
6. Standard Specification for the Electrical Equipment and Installation for Mechanical Services, Issue VIII December 1984**
7. Standard Electrical Specifications, January 1984, GPS 24-0367**
8. FPO/G61/3E - Guide for Architects**
9. Standard Specifications for Electrical Installations and Equipment pertaining to Mechanical Installations**
9. SANS 10400 – The application of the National Building Regulations*
10. Department of Public Works – Standard Electrical Specifications (April 1999)**

* Not issued with this document, but available at the Contractor's expense from the SA Bureau of Standards, Private Bag X191, PRETORIA, 0001.

** Not issued with this document but available from the Director General, Department of Public Works, Private Bag X65, PRETORIA 0001, or any office of the Regional Representative of this Department.

C3.2 PROJECT SPECIFICATIONS:

Status

The Project Specification, consisting of two parts, forms an integral part of the contract and supplements the Standard Specifications.

Part A contains a general description of the works, the site and the requirements to be met.

Part B contains variations, amendments and additions to the Standardized Specifications and, if applicable, the Particular Specifications.

In the event of any discrepancy between a part or parts of the Standardised of Particular Specifications and the Project Specification, the Project Specification shall take precedence. In the event of a discrepancy between the specifications, (including the Project Specifications) and the drawings and / or the Bill of Quantities, the discrepancy shall be resolved by the Engineer before the execution of the work under the relevant item.

A: GENERAL

PS 1 GENERAL DESCRIPTION

Each installation requires work that may include any one or more of the activities as set out in clause PS4 below: decommissioning, repair, reconditioning, testing, re-commissioning and maintenance during the 36-month Contract. The work may also include compilation of operating and maintenance manuals as well as training of User Client operators and all maintenance personnel.

NOTE: Repair and maintenance work will be carried out within facilities that are occupied by User Client's personnel and associates.

PS 4 DETAILS OF CONTRACT

All work forming part of this Contract is divided into installations. The repair and maintenance work to be performed as part of an installation under this Contract mainly consists of the following:

MECHANICAL INSTALLATIONS

The description of the Works given above is not necessarily complete and shall not limit the work to be carried out by the Contractor under this Contract.

Approximate quantities of each type of work are given in the Bill of Quantities.

NOTE: A clear distinction will be made between the repair work to be done and the maintenance responsibilities applicable to each installation.

PG-01.1 (EC) Scope of Works – GCC

LABOUR INTENSIVE PROJECTS:

Employer's objectives

The employer's objectives are to deliver public infrastructure using labour intensive methods

Labour-intensive works

Labour-intensive works comprise the activities described in the Labour-Intensive Specification. Such works shall be constructed using local workers who are temporarily employed in terms of this scope of work.

Refer to Additional Specification SJ: Labour Intensive Projects in the Scope of Work.

PS5 CONSTRUCTION PROGRAMME

When drawing up his construction programme, the Contractor shall take into account the time for completion for the repair work of each installation as indicated in Clause 42.1 as amended in Part 1 of the Contract Data.

If the programme submitted by the Contractor in terms of Clause 12 of the General Conditions of Contract, has to be revised because the Contractor is falling behind in his programme, he shall submit a revised programme of how he intends to regain lost time to ensure practical completion of repair work of each installation, and completion of the Works within the periods stipulated Part 1 of the Contract Data or within a granted extension of time and also to ensure that other contractors have access to the site to start their work on the dates as shown in the original programme. Proposals to increase the tempo of work must incorporate positive steps to increase production either by more labour and plant on the Site, or by using the available labour and plant in a more efficient manner.

Instructions by the Engineer to expedite progress shall not be the subject of additional compensation to the Contractor unless the instruction explicitly states that the Contractor is entitled to additional compensation and cites the amount of such compensation or the basis on which it is to be determined.

Failure on the part of the Contractor to submit or to work according to the programme or revised programmes shall be sufficient reason for the Engineer to take steps as set out in Clause 55 of the General Conditions of Contract as amended in Part 1 of the Contract Data.

The approval by the Engineer of a programme shall have no contractual significance other than that the Engineer will be satisfied if the work is carried out according to the programme. The said approval shall not limit the right of the Engineer to instruct the Contractor to vary the programme if necessary. The Contractor is also referred to Clause PS 8 and Clause PS 12 when preparing this programme.

PG-01.1 (EC) Scope of Works – GCC

NOTE:

For reasons of limited access, it may not be possible to carry out the repair work on some of the installations in parallel with repair work on other installations. The repair work of some of the installations shall follow sequentially as indicated in the specifications.

The Contractor shall organise his work in such a manner as to cause the minimum inconvenience to the User Client's personnel and operations.

PS 6 SITE FACILITIES AVAILABLE

PS 6.1 CAMPSITE AND STORE ROOM

(a) Repair work

An area for the campsite will be provided after consultation with the User Client area manager. Only one night watchman will be allowed in the campsite at night.

(b) Maintenance responsibilities

The Contractor must provide his own storeroom facilities for the duration of the maintenance phase.

PS 6.2 WATER, ELECTRICITY AND SEWERAGE

(a) Water supply

The Contractor must make his own arrangements for water supply. Water will be available at specific points not necessarily adjacent to working areas. Water will be available free of charge but wastage will not be tolerated. The Contractor must supply his own standard fittings to couple up at the points where water is available.

(b) Electrical power supply

Electrical power supply is available on the Site and will be free of charge. The Contractor must make his own arrangements for a connection to the electrical power supply. The Contractor will be responsible, at his own cost, for the distribution of electricity for construction and domestic use.

(c) Sewerage connection

Refer to Subclause PSA 4.2 in connection with toilet requirements. Chemical toilets shall be used.

Note: The Employer shall not be held responsible for any losses or inconvenience due to a disruption in the supply of water and/or electricity.

PG-01.1 (EC) Scope of Works – GCC

PS 6.3 PARKING FACILITIES

Parking facilities are available on the Site.

PS 7 SITE FACILITIES REQUIRED FOR THE ENGINEER

PS 7.1 GENERAL

The Contractor shall provide on the Site, for the duration of the repair phase and for the exclusive use of the Engineer and/or his Representative (as applicable), the various facilities described hereunder. The duration of the repair phase is stated in Part 1 of the Contract Data. All such facilities shall be provided promptly on the commencement of the Contract and failure on the part of the Contractor to provide any facility required in terms of this specification shall constitute grounds for the Engineer to withhold payment of the Contractor's Preliminary and General items until the facility has been provided or restored, as the case may be.

PS 7.5 CONTRACT NAMEBOARDS

The Contractor shall provide, erect and maintain One contract nameboards at such positions and locations as are directed by the Engineer, in accordance with the requirements set out in SABS 1200 AB (as amended) and according to the nameboard drawing contained in the document.

The Contractor shall before ordering or manufacturing any such contract nameboards obtain the Engineer's written approval in respect of all names and wording to appear on the contract nameboards.

The Contractor shall before ordering or manufacturing any such overlay obtain the Engineer's written approval in respect of all names and wording to appear on the overlay.

PS 7.6 SURVEY EQUIPMENT AND ASSISTANTS

(a) Survey equipment

The Contractor shall, in accordance with the requirements of SABS 1200 AB (as amended) provide the following survey equipment for the exclusive use of the Engineer and his staff:

- (i) 1 upright reading automatic level with tripod
- (ii) 1 metric levelling staff with protective cover bag
- (iii) 6 ranging rods
- (iv) 1 100 metre Stilon tape measure
- (v) 1 ± 2 kg hammer.

Whenever reasonably required by the Engineer, the Contractor shall, in accordance with the requirements of SABS 1200 AB (as amended), make available to the Engineer or his representative, the following additional survey equipment:

- (i) 1 tacheometer with tripod
- (ii) 1 survey staff for tacheometer
- (iii) 1 Distomat, complete with tripod, fully charged battery and all appurtenant accessories.

(b) Survey assistants

The Contractor shall, in accordance with the requirements of Subclause 5.5 of SABS 1200 AB, make available to the Engineer, two (2) survey assistants.

PG-01.1 (EC) Scope of Works – GCC

PS 7.7 TELEPHONE FACILITIES

The Contractor shall, in accordance with the requirements of Subclause PSAB 4.1 of the Project Specifications, provide on site, the following telephone facilities for the use of the Engineer and his Representative:

(a) Telkom telephones

(i) Number of telephone hand sets required: 3

(b) Cellular telephones

Number of cellular telephones required for a period of 36 months: 3.

The *average* call cost at business rates (over the 36 month contract period) shall not exceed R3000.00 per month.

PS 7.8 COMPUTER FACILITIES

The Contractor shall provide a portable laptop together with the specified software installed, for the exclusive use of the Engineer and his staff, in accordance with the requirements of SABS 1200 AB (as amended).

PS 7.9 TELEFAX FACILITIES

The Contractor shall provide telefax facilities in accordance with the requirements of SABS 1200 AB (as amended).

PG-01.1 (EC) Scope of Works – GCC

PS 7.12 CALL CENTRE

A call centre has been established by the Employer to log, route and monitor incoming breakdown calls.

The call centre is administered centrally and is responsible for the routing of breakdown calls on each contract at the installation. The call centre is operational 24 hours per day, 365 days per year. The Contractor shall be responsible for the fixed and variable call costs incurred by the call centre for a relevant contract. The Contractor shall be re-reimbursed from an amount included in the Bill of Quantities, on written instruction of the Engineer. Operating costs of the call centre will be calculated, based on the number of breakdowns logged per contract, and invoiced on a monthly basis.

The Contractor is entitled to a percentage of the value of each payment in relation to the call centre to cover his expenses in this regard (see payment item PSA 8.9).

PS 8 FEATURES REQUIRING SPECIAL ATTENTION

PS 8.1 INSTALLATIONS AT FACILITIES

The installations at all facilities shall be carefully checked for damage and all damages shall be listed and discussed with the Engineer before commencement of repair and maintenance work. The Contractor shall present copies of all correspondence in this regard for discussion at the following site meeting.

PS 8.2 SECURITY

(a) Restrictions on movement and limited access

The Contractor's personnel, vehicles and equipment will be restricted to areas of construction only. The Contractor shall comply with any requirements that the Engineer may have in this regard and shall take note that for security reasons the access to some areas, may be limited.

(b) Prohibition on taking of photographs

The Contractor's attention is drawn to the Defence Act, 1957 (Act No 44 of 1957) and the Correctional Services Act, 1998 (Act No 111 of 1998) which clearly state that the taking of photographs is prohibited and that even the possession of a camera on Site is an offence.

(c) Security check on personnel

The Employer may require the Contractor to have his personnel or a certain number of them security-classified, if so required by any competent authority.

PG-01.1 (EC) Scope of Works – GCC

In the event of the Employer or any competent authority requiring the removal of a person or persons from the site for security reasons, the Contractor shall do so forthwith and the Contractor shall thereafter ensure that such person or persons are denied access to the site and/or to any documents or information relating to the work. In such circumstances the Contractor shall indemnify the Employer and the Engineer and shall hold the Employer and the Engineer harmless against any and all claims of whatever nature arising.

(d) Access cards to security areas

Should the work fall within a security area, the Contractor must obtain from the Engineer access cards for his security-cleared personnel and employees who work within such an area. The Contractor must comply with any regulations or instructions issued from time to time, concerning the safety of persons and property, by the Department of Correctional Services or SA Police services.

PS 8.3 SITE TO BE KEPT CLEAN

During progress of the work and upon completion thereof, the Site of the Works shall be kept and left in a clean and orderly condition. The Contractor shall store materials and equipment for which he is responsible in an orderly manner, and shall keep the Site free from debris and obstructions.

All redundant materials, rubbish and waste arising from the work must be removed from the Site at the Contractor's cost and the site and buildings left clean and tidy.

PS 8.5 SABS SPECIFICATIONS AND CODES OF PRACTICE

All reference in this document to South African Bureau of Standards specifications and codes of practice, or any other standard specifications or codes of practice, including National Building Regulations, shall be deemed to be references to the latest issues of such specifications and codes.

PS 8.6 MATERIALS

The monthly payment for materials brought onto the Site will only be applicable for repair work and not for maintenance work.

Unless otherwise instructed in writing by the Engineer, all proprietary materials are to be used, mixed, applied, fixed, etc, strictly in accordance with the manufacturer's recommendations.

PS 8.8 PROTECTION OF FURNITURE AND EQUIPMENT

Most of the work to be done inside buildings and occupied houses will be carried out in places where there is furniture and other equipment.

The Contractor shall be responsible for moving the furniture and equipment in order to provide working space for his personnel. The programme shall be drawn up in such a way as to keep the movement of furniture and equipment to the very minimum and the Contractor shall be solely responsible for any damage to furniture or equipment.

PS 8.9 TESTING AND QUALITY CONTROL

The Contractor shall engage the services of an approved independent laboratory or other institution as applicable for quality testing, to ensure that his work complies with the Specifications.

No separate payment will be made for such testing, the cost of which will be deemed to be included in the Contractor's rates bid for the items of work that require testing in accordance with the Specifications.

The onus to produce work that conforms in quality and accuracy of detail to the requirements of the Specifications and Drawings rests with the Contractor, and the Contractor shall, at his own expense, institute a quality-control system and provide experienced engineers, foremen, surveyors, materials technicians, other technicians and technical staff, together with all transport, instruments and equipment to ensure adequate supervision and positive control of the Works at all times.

The cost of supervision and process control, including testing carried out by the Contractor, will be deemed to be included in the rates bid for the related items of work.

The Contractor's attention is drawn to the provisions of the various Specifications regarding the minimum frequency of testing required. The Contractor shall, at his own discretion, increase this frequency where necessary to ensure adequate control.

On completion and submission of every part of the work to the Engineer for examination, the Contractor shall furnish the Engineer with the results of the relevant tests to indicate compliance with the Specifications.

PS 9 CERTIFICATES OF PAYMENT

The statement to be submitted by the Contractor in terms of Clause 49 of the General Conditions of Contract shall be prepared in accordance with the standard payment certificate prescribed by the Engineer and shall comprise at least two sets of A4-size paper copies.

All costs for the preparation and submission of the statements shall be borne by the Contractor.

PS 10 CONSTRUCTION IN RESTRICTED AREAS

Working space in certain areas may be restricted. The construction method used in these restricted areas largely depends on the Contractor's Plant. However, the Contractor must note that measurement and payment will be according to the specified cross-sections and dimensions irrespective of the method used, and that the rates and prices submitted will be deemed to include full compensation for difficulties encountered while working in restricted areas. No extra payment nor any claim for payment due to these difficulties will be considered.

PS 13 **LEGISLATION**

(a) Changes in legislation

Reference in the GCC and in any other standard document forming part of this Contract to legislation which has been amended or superseded by other legislation since the most recent publication of such standard document, shall be deemed to be a reference to the amended or replacement legislation.

Such amended or replaced legislation shall be applicable during the Contract Period provided the amendment or replacement occurred more than 28 days before the closing date for bids.

(b) The Occupational Health and Safety Act

The Contractor shall be required to comply with the Occupational Health and Safety Act, 1993: Construction Regulations, 2003 as promulgated in Government Gazette No 25207 and Regulation Gazette No 7721 of 18 July 2003. Non-compliance with these regulations, in any way whatsoever, will be adequate reason for suspending the Works.

The proposed type of work, materials to be used and hazards likely to be encountered on this Contract are detailed in the Scope of Work, Pricing Data and Drawings. The Contractor is to compile his/her own Health and Specification based on the generic document on the website.

The Contractor shall in terms of subclause 5(1) provide a comprehensive health and safety plan detailing his proposed compliance with the regulations, for approval by the Employer.

The Contractor shall at all times be responsible for full compliance with the approved plan as well as the Construction Regulations and no extension of time will be considered for delays due to non-compliance with the abovementioned plan or regulations.

A payment item is included in the Bill of Quantities to cover the Contractor's cost for compliance with the OHS Act and the abovementioned Construction Regulations 2003.

PS 15 **INSURANCE AMOUNTS**

The amounts for which the Contractor must insure the Works in terms of Clause 35 of Part 1 of the Contract Data are stated in the Agreement.

PS 16 TIMES FOR COMPLETION

Times for completion of repair work to installations as well as the maintenance down-time for different types of breakdowns are given under Clause 42.1 of Part 1 of the Contract Data. The time for completion will start on the date of access to an installation.

PS 17 PRACTICAL COMPLETION

- (a) The Contractor shall be entitled in terms of GCC to receive a Certificate of Practical Completion when the Works to be executed under the Contract have been completed to the stage where:
 - (i) all materials which are required to be replaced have been replaced and installed to the satisfaction of the Engineer; and
 - (ii) all repair works have been completed.
- (b) The Engineer shall issue to the Contractor and the Employer a Certificate of Completion in terms of Clause 51.4 of the General Conditions of Contract except where a thirty day commissioning period, as stated in paragraph (c) below, is applicable.
- (c) Where indicated at the end of this paragraph, the issuing of a Certificate of Practical Completion for a certain installation will be followed by a thirty day commissioning period. The tasks of the Contractor during the thirty day commissioning period are described in Additional specification SC: General Decommissioning, Testing and Commissioning Procedures. After the completion of the thirty day commissioning period to the satisfaction of the Engineer, a certificate of completion will be issued to the Contractor as described in Clause 51.4 of the General Conditions of Contract.

PS 18 PENALTIES

Penalties in terms of Clause 43.1 of the General Conditions of Contract for late completion of repair work to different installations are given under Clause 43.1 of Part 1 of the Contract Data. Payment reductions for exceeding the maintenance down-time for different types of breakdowns are given under the applicable pay items in the Bill of Quantities for Additional specifications SA: General Maintenance. Penalties will run concurrently where applicable.

- (a) **Penalty for failing to meet undertakings and/or conditions pertaining to Targeted Procurement for the award of points**

If the bid adjudication points awarded to the Contractor are found to be based on incorrect or false information or the conditions pertaining to the award of points are not met and the Contractor fails to substantiate that such failure is due to a reason acceptable to the Employer (as being) beyond the Contractor's control, the Contractor shall be liable for and pay to the Employer, an amount determined in accordance with clause 2 and subject to clause 1 both of the Works Information, Part 2 of the Conditions of Bid.

(b) **Payment reduction for non-performance**

If the Contractor shall fail to rectify a fatal breakdown, an emergency maintenance breakdown, an ordinary maintenance breakdown and damage breakdown within the time as stipulated in Additional Specifications SA: General Maintenance, the Contractor shall be liable to the Employer for the sum/sums stated in the Bill of Quantities for Additional Specification SA as a payment reduction for every hour/day down-time counting from the hour/day the breakdown was reported to the Contractor until the day it was repaired. These payment reductions will be cumulative and will run concurrently.

Where indicated above that the money will be recovered from the Contractor by means of payment reductions, the fixed negative amounts in the rate column of the Bill of Quantities will be used to reduce payments due to the Contractor.

The imposition of such payment reductions shall not relieve the Contractor from his obligation to complete the Works or from any of his obligations and liabilities under the Contract.

(c) **Application of penalties to be accumulative**

The imposition of all penalties in terms of this clause shall be accumulative and shall not relieve the Contractor from his obligation to complete the Works or from any of his obligations and liabilities under the Contract.

PS 19 NON-WORKING DAYS AND HOURS

Whenever any special non-working days stated in Clause 1.6 and Clause 38 of Part 1 of the Contract Data fall within the days allowed or stipulated in the Contract in terms of Clause 1.6 of Part 1 of the Contract Data, such special non-working days shall also be excluded from the calculation of the number of working days concerned.

The Contractor shall not work on any statutory public holidays or on any public holidays declared by the Government to be statutory non-working days, except for work related to repair fatal and emergency breakdowns which influences the functionality of any of the installations.

Working hours might be limited and the Contractor shall work in close cooperation with the User Client and Engineer in this regard. Working hours for the different installations are indicated at the end of this clause where applicable.

The Engineer shall be entitled at any time during the Contract, to vary the normal working hours specified in the Bid documents, including increasing or decreasing the total number of hours per day during which the Contractor may execute the Works or specific portions thereof.

PG-01.1 (EC) Scope of Works – GCC

If any variation by the Engineer of the normal working hours specified in the Bid Documents should result in an increase or a decrease in the total number of hours per week during which the Contractor is permitted to execute the Works or any particular portions of Works, then the time allowed in the Contract for the completion of the respective part of the Works to which the varied normal working hours apply shall be adjusted proportionately in relation to:

- a) the remaining time allowed for completion of the specific part or parts of the Works; and
- b) the extent of the variation in the total normal working hours per week.

B: AMENDMENTS TO THE STANDARD AND PARTICULAR SPECIFICATION:

The following variations and additions to the SABS 1200 Standardised Specifications referred to in the last clause of Portion 1 apply to this Contract. The prefix PS indicates an amendment to SABS 1200. The letters and numbers following these prefixes respectively indicate the relevant Standardised Specification and clause numbers in SABS 1200.

PSA GENERAL

PSA 1 SCOPE

REPLACE SUBCLAUSE 1.1 WITH THE FOLLOWING:

"1.1 This specification covers requirements, principles and responsibilities of a general nature that are normally applicable to all Civil Engineering Contracts, as well as the requirements for the Contractor's establishment on the Site."

PSA 2 INTERPRETATIONS

PSA 2.3 DEFINITIONS

- (a) General

ADD THE FOLLOWING DEFINITIONS:

"General conditions: The General Conditions of Contract specified for use with this Contract, and the Contract Data.

Specified: As specified in the standardised and standard specifications, the Drawings or the Scope of Work.

Permanent Works: as defined in Clause 1.1.17 of the General Conditions of Contract shall for the purpose of this Contract, be regarded as the repair work and maintenance work as defined in Subclause SA 02.06 of Additional Specification SA: General Maintenance."

PG-01.1 (EC) Scope of Works – GCC

(c) Measurement and payment

REPLACE THE DEFINITIONS FOR "fixed charge", "time-related charge" AND "value-related charge" WITH THE FOLLOWING:

"Fixed charge: A charge that is not subject to adjustment on account of variation in the value of the Contract price or the Contract Time of Completion.

Time-related charge: A charge, the amount of which varies in accordance with the Time for Completion of the repair work, adjusted in accordance with the provisions of the Contract.

Value-related charge: A charge, the amount of which varies pro rata with the final value of the measured repair work executed and valued in accordance with the provisions of the Contract."

PSA 2.4 **ABBREVIATIONS**

(a) Abbreviations relating to standard documents

ADD THE FOLLOWING ABBREVIATION:

"CKS: SABS Co-ordinating Specification."

PSA 3 **MATERIALS**

PSA 3.1 **QUALITY**

ADD THE FOLLOWING:

"All manufactured materials supplied shall be new materials unless the contrary is specified. All materials specified in accordance with SABS Specifications shall bear the SABS mark, whether so specified or not."

ADD THE FOLLOWING SUBCLAUSE:

"PSA 3.3 **ORDERING OF MATERIALS**

The quantities set out in the Bill of Quantities have been carefully determined from calculations based on data available at the time and should therefore be considered to be approximate quantities only. Before ordering materials of any kind the Contractor shall check with the Engineer whether or not the scope of the work for which the materials are required is likely to change substantially. No liability or responsibility whatsoever shall be attached to the Employer for materials ordered by the Contractor except when ordered in accordance with written confirmation issued by the Engineer."

PSA 4 PLANT

PSA 4.2 CONTRACTOR'S OFFICES, STORES AND SERVICES

ADD THE FOLLOWING PARAGRAPH BEFORE THE FIRST PARAGRAPH:

"The Contractor's construction camp shall be fenced off and shall contain all offices, stores, workshops, testing laboratories, toilet facilities, etc. The camp shall always be kept in a neat and orderly condition.

No personnel may reside on the Site. Only one night-watchman may be on the Site after hours."

ADD THE FOLLOWING TO THE SECOND PARAGRAPH:

"One chemical toilet per 10 workmen shall be provided and must be screened from public view and its use shall be enforced.

The Contractor shall, where applicable, make the necessary arrangements for the removal of night soil."

PSA 5 CONSTRUCTION

PSA 5.4 PROTECTION OF OVERHEAD AND UNDERGROUND SERVICES

REPLACE THE HEADING AND THE CONTENTS OF THIS SUBCLAUSE WITH THE FOLLOWING:

"PSA 5.4 LOCATION AND PROTECTION OF EXISTING SERVICES

PSA 5.4.1 Location of existing services

Before underground or excavation work is carried out, the Contractor shall ascertain the presence and position of all services likely to be damaged or interfered with by his activities. He shall obtain up-to-date plans from the Engineer for this purpose, showing the position of services in the area where he intends to work. As services can often not be reliably located from such plans, the Contractor shall determine the exact position of such services by means of suitable detecting equipment and afterwards by careful hand excavation where necessary in order to expose the services at the positions of possible interference by his activities. This procedure shall also be followed in respect of services not shown on the plans but believed to be present.

All such services, the positions of which have been located at the critical points, shall be designated as 'known' services and their positions shall be indicated on a separate set of Drawings, a copy of which shall be furnished to the Engineer.

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While he is occupying the Site, the Contractor shall be liable for all damage caused by him to known services as well as for consequential damage, whether caused directly by his operations or by the lack of proper protection.

PSA 5.4.2 Protection during repair and maintenance work

The Contractor shall exercise all the necessary care to prevent damage to known services during repair and maintenance work. Where applicable, major excavating equipment and other Plant shall not be operated dangerously close to these services. Where necessary, excavation in close proximity to these services shall be carefully carried out with suitable hand tools, excluding picks wherever their use could damage the services. No additional payment will apply to such more difficult work.

Services left exposed shall be suitably protected from damage.

PSA 5.4.3 Alterations and repairs to existing services

Unless the contrary is clearly specified or ordered, the Contractor shall not carry out alterations to existing services. When this is necessary, the Contractor shall inform the Engineer, who will either make arrangements for such work to be executed by the owner of the service, or instruct the Contractor to make such arrangements himself.

When existing services are damaged by the Contractor, he shall immediately inform the Engineer, or when this is not possible, the relevant authority, and obtain instructions as to who should carry out repairs. In urgent cases the Contractor shall take the necessary steps to minimise damage to and interruption of the service. No repairs of telecommunication cables or electric power lines and cables shall be attempted.

The Employer will accept no liability for damages due to a delay in having such alterations or repairs effected. The Contractor shall provide all reasonable opportunity, access and assistance to persons carrying out alterations or repairs of existing services."

ADD THE FOLLOWING SUBCLAUSE:

"PSA 5.9 SITE MEETINGS

The Contractor will be required to attend regular site meetings, normally held once a month to discuss general progress, quality of work, problems, claims, payments, etc, but not matters concerning the day-to-day running of the Contract."

PSA 6 TOLERANCES

ADD THE FOLLOWING SUBCLAUSE:

"PSA 6.4 GENERAL

No guarantee is given that the full specified tolerances will be available independently of each other, and the Contractor is cautioned that the liberal or full use of any one or more of the tolerances may deprive him of the full or any use of tolerances relating to other aspects of the work.

Except where the contrary is specified or when clearly not applicable, all quantities for measurement and payment shall be determined from the 'authorised' dimensions. These are specified dimensions or those shown on the Drawings or, if changed, as finally prescribed by the Engineer, without any allowance for the specified tolerances. Except if otherwise specified, all measurements for determining quantities for payment will be based on the 'authorised' dimensions.

If the work is therefore constructed in accordance with the 'authorised' dimensions plus or minus the tolerances allowed, quantities will be based on the 'authorised' dimensions regardless of the actual dimensions to which the work has been constructed.

When the work is not constructed in accordance with the 'authorised' dimensions plus or minus the tolerances allowed, the Engineer may nevertheless, at his sole discretion, accept the work for payment. In such cases no payment shall be made for quantities of work or material in excess of those calculated for the 'authorised' dimensions, and where the actual dimensions are less than the 'authorised' dimensions minus the tolerance allowed, quantities for payment shall be based on the actual dimensions as constructed."

PSA 8 MEASUREMENT AND PAYMENT

PSA 8.1 MEASUREMENT

PSA 8.1.2 Preliminary and general items or section

PSA 8.1.2.2 Tendered sums

REPLACE THE CONTENTS OF THIS SUBCLAUSE WITH THE FOLLOWING:

“The Contractor’s tendered sums under items PSA 8.3 and PSA 8.4 shall collectively cover all charges for

- Risks, costs and obligations in terms of the General Conditions of Contract, the Contract Data and of this standardized specification, except where provision is made in the Project Specifications to cover compensation for any of these items
- Head-office and site overheads and supervision
- Profit and financing costs
- Expenses of a general nature not specifically related to any item or items of permanent or temporary work
- Providing facilities on site for the Contractor’s personnel, including offices, storage facilities, workshops, ablutions, for providing services such as water, electricity, sewerage, sewage and rubbish disposal, for access roads and all other facilities required, as well as for the maintenance and removal on completion of the Works of these facilities and the cleaning-up of the camp site on completion of the Works
- Providing facilities for the Engineer and his staff as specified in SABS 1200 AB and in these Project Specifications
- Identifying a minimum of 30 workers from a priority list and employing them at the statutory labour rates for a minimum period of 12 months and training them as per specification SK: Employment and Training of labour on EPWP Infrastructure Projects
- Liaising and co-operating with the Department in providing the priority list and the selection of workers and with the employment and training of the identified workers.

PSA 8.2 PAYMENT

PSA 8.2.1 Fixed-charge and value-related items

REPLACE THE CONTENTS OF THIS SUBCLAUSE WITH THE FOLLOWING: “Fixed charges in respect of item 8.3.1 will be paid as follows:

Eighty per cent (80%) of the tendered amount will be paid as soon as the facilities have been established and approved and the workers from the priority list have been appointed.

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The residual twenty per cent (20%) will be paid as soon as the work is completed, the facilities have been removed and the camp site has been vacated and cleaned.

The amount which is tendered in terms of item 8.3.2 will be paid as follows:

- (a) An amount equal to fifteen per cent (15%) of the tender price VAT excluded, will be paid as soon as the facilities have been provided and approved.
- (b) The balance of the tendered amount for item 8.3.2 will be paid in two separate payments as follows:
 - (i) The first payment will be ninety per cent (90%) of the balance and will be paid when the amount certified for payment, including retention, but excluding the amount for this first payment exceeds twenty per cent (20%) of the tender price.
 - (ii) The remaining ten per cent (10%), will be made when the Works have been certified as completed and the Contractor has fulfilled all his obligations to date in terms of this specification, the General Conditions of Contract and the Contract Data.

Note: Payment under item 8.3.2 will only be applicable to repair work.

PSA 8.2.2 Time-related items

REPLACE THE CONTENTS OF THIS SUBCLAUSE WITH THE FOLLOWING:

"Subject to the provisions of Subclauses 8.2.3 and 8.2.4, payment under item 8.4.1 (time-related item) will be made monthly in equal amounts for each installation, calculated by dividing the sum bid for the item by the repair phase period for the installation in months, provided always that the total of the monthly amounts so paid for the item is not out of proportion with the progress of the work on the installation as a whole.

Should the Engineer grant an extension of Time for Completion of the repair works on the installation, the Contractor will be entitled to an increase in the sum bid for the time-related item, which increase shall be in the same proportion to the original sum bid as the extension of time is to the original Time for Completion of the repair works.

Payment of such increased amounts will be deemed full compensation for all additional time-related preliminary and general costs due to the circumstances pertaining to the extension of time granted for an installation. The length of the repair phase for each installation is indicated in Part 1 of the Contract Data.

In the Bills of Quantities separate provision is made for time-related items for each installation individually. Time-related payment for an installation shall only be made when the repair work on the installation is in progress and shall end when the time for completion or an extension of time granted by the Engineer expires. When repair work on more than one installation is in

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progress, time-related payment will be made for each installation and the conditions as stated above shall apply to each installation individually."

PSA 8.3 BILLED FIXED-CHARGE AND VALUE-RELATED ITEMS

REPLACE THE ITEMS WITH THE FOLLOWING:

"PSA 8.3.1 Fixed preliminary and general chargesUnit : Sum

PSA 8.3.2 Value-related preliminary and general chargesUnit : Sum

The sums bid shall include full compensation for all fixed and value-related preliminary and general charges as described in Subclause PSA 8.1.2.2. Payment will be made as described in Subclause PSA 8.2.1."

PSA 8.4 BILLED TIME-RELATED ITEMS

REPLACE THIS ITEM WITH THE FOLLOWING:

"PSA 8.4.1 Time-related preliminary and general charges:

(a) Installations 1 to 14Unit: Sum

The sums bid shall include full compensation for all time-related preliminary and general charges as described in Subclause PSA 8.1.2.2. Payment will be made as described in Subclause PSA 8.2.2.

NOTE: The total amount bid for items PSA 8.3.1, PSA 8.3.2 and PSA 8.4.1 shall not exceed 15% of the total amount bid for repair work, excluding value-added tax.

PSA 8.6 PRIME COST ITEMS

REPLACE THIS ITEM WITH THE FOLLOWING:

"PSA 8.6 PRIME COST SUMS:

(a) Housing for Engineer's representative Unit: PC Sum

(b) Charge required by Contractor on subitem (a) above Unit: %

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The Prime Cost Sum provided under subitem (a) in the Bill of Quantities will be expended in accordance with Clause 45.2 of the General Conditions of Contract.

The bid percentage under subitem (b) will be paid to the Contractor on the value of each payment made to the Engineer.

PSA 8.8 TEMPORARY WORKS

REPLACE ITEM 8.8.4 WITH THE FOLLOWING:

"PSA 8.8.4 Location and protection of existing services:

PSA 8.8.4.1 Provision of detecting devices for:

- (a) Water and sewer pipesUnit : Sum
- (b) Electrical and other cablesUnit : Sum

The bid sums shall cover the cost of providing and operating suitable equipment for as long as it is needed to locate all the existing services likely to be affected by the construction activities. Alternatively, an approved specialist firm may be employed to carry out the work.

PSA 8.8.4.2 Hand excavation necessary for locating and exposing existing services in all material:

- (a) In roadwaysUnit: m³
- (b) In all other areasUnit: m³

The rates shall cover the cost of excavating by means of hand tools within authorised dimensions, for all precautionary measures to protect the services from damage during excavation and backfilling, and for subsequent backfilling and compacting. Compaction of material in all areas except in roadways shall be to 90% of the modified AASHTO density.

The rate for hand excavation in roadways shall include compensation for compacting excavated or selected backfill material to 93% of modified AASHTO density.

The bid rates shall also include for keeping excavations safe, for dealing with surface and subsurface water, for removing surplus excavated material from the Site, for transporting all material, and for supplying adequate supervision during both excavation and backfilling operations."

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ADD THE FOLLOWING ITEMS:

"PSA 8.9 ADDITIONAL TESTS:

- (a) Additional tests required by the EngineerUnit : Sum
- (b) Attendance and profit Unit : %

An amount has been allowed in the Bill of Quantities under subitem (a) to cover the cost of additional tests required by the Engineer. The Engineer will have the sole authority to spend the amount or part thereof.

The bid percentage under subitem (b) will be paid to the Contractor on the value of each payment made to the testing authority.

Note in connection with subitem (a):

The Contractor is responsible for both the cost of normal testing as described in Subclause PS 8.10 in portion 1 of the Project Specifications and for the cost of any additional test that indicates that the Specifications have not been complied with.

PSA 8.10 SECTIONAL FENCING FOR THE PROTECTION OF THE WORKFORCE Unit : m

The bid rate shall include full compensation for the supply, delivery, initial erection and finally removal from the site of the sectional fencing. The cost to move the fencing will not be paid for separately but shall be deemed to be included in the rate bid.

PSA 8.11 MAINTENANCE MATERIAL:

Supply and deliver maintenance material to the site:

- (a) Description of type of service for which material is needed:
- (i) Description of specific material Unit: litre, m², m, number
 - (ii) Etc, for other types of material.
- (b) Etc for other types of service.

The unit of measurement shall be the litre, square metre, metre or number as applicable to each item ordered on the written instructions of the Engineer.

The bid rates shall include full compensation for supplying and delivering to the maintenance store(s) of the Employer on the Site of the Works each item as billed and shall include for all labour, material, waste and, transport.

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A complete book keeping system with delivery notes and order "invoices" shall be kept by the Contractor and the cost thereof shall be deemed to be included in the rates bid for the various items.

The rates bid will be fixed for the full duration of the repair and maintenance phases and shall be applicable to any quantity "ordered" irrespective of size, contents, volume of container or the number. The actual square metre size of the "ordered" items will be calculated to two decimal points for payment purposes. No "rounding-off" to the nearest square metre quantity will be allowed. It is expected that the maintenance material will be ordered in small quantities throughout the duration of the Contract."

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PSA 8.12 CALL CENTRE

- (a) Call centre operating costs for breakdown calls logged.....Unit: Sum
- (b) Charge required by contractor on subitem (a) above.....Unit: %

An amount has been allowed in the Bill of Quantities under subitem (a) to cover the cost of administrating breakdown calls logged through the call centre. The call centre will submit to the contractor a monthly invoice for breakdown calls logged and monthly subscription. The Contractor will be responsible for prompt payment of the invoice received from the call centre.

The bid percentage under subitem (b) will be paid to the Contractor on the value of each payment pertaining to the call centre to cover his expenses in this regard.

Payment to the Contractor will only become due upon submission of proof of payment to the call centre.

PSA 8.13 COMPLIANCE WITH OHS ACT AND CONSTRUCTION REGULATIONS 2003..... Unit: sum

The bid sum shall include full compensation to the Contractor for compliance with all the requirements of the OHS Act and the Construction Regulations 2003 at all times during the repair *and* maintenance phase, as described in PS 13 of Portion 1 of the Project Specifications. The successful bidder shall provide the Engineer with a complete breakdown of this bid sum.

This sum will be paid to the Contractor in equal monthly amounts for the entire duration of the contract period.

PSAB ENGINEER'S OFFICE

PSAB 3 MATERIALS

PSAB 3.1 NAMEBOARDS

REPLACE THE FIRST SENTENCE OF SUB-CLAUSE 3.1 OF SABS 1200AB WITH THE FOLLOWING:

"The Contractor shall supply and erect at locations approved by the Engineer, the number of contract name-boards specified in Portion 1 of the Project Specifications, which, unless otherwise specified in the Contract, shall comply with the recommendations for the standard board of the South African Association of Consulting Engineers, with regards to size, painting, decorating and detail, and the requirements described hereunder."

OR

The Contractor shall supply the number of overlays specified in Portion 1 of the Project Specifications.

PSAB 3.2 OFFICE BUILDING(S)

REPLACE THE WORDS: "as scheduled" IN PARENTHESIS IN THE FIRST LINE OF SUBCLAUSE 3.2 OF SABS 1200 AB WITH: "as specified in Portion 1 of the Project Specifications";

AND REPLACE SUBCLAUSE 3.2(j) OF SABS 1200 AB WITH THE FOLLOWING:

"(j) a heater and fan / air-conditioning unit both of such capacity that the inside of the office(s) is always at a temperature of between 20°C and 24°C."

ADD THE FOLLOWING SUBCLAUSE IN CLAUSE 3:

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PSAB 4 PLANT

PSAB 4.1 TELEPHONE

"In addition to a cellphone and subject to satisfactory transmission and reception quality in the vicinity of the Site, the Contractor shall provide the number of cellular telephones and associated service contracts from a reputable cellular service provider, as specified in Portion 1 of the Project Specifications, for the exclusive use of the Engineer and his staff."

ADD THE FOLLOWING NEW SUBCLAUSES TO CLAUSE 4 OF SABS 1200 AB:

"PSAB 4.2 COMPUTER EQUIPMENT

Where it is specified in Portion 1 of the Project Specifications that the Contractor shall provide a portable computer for the exclusive use of the Engineer and his staff, such computer hardware and software shall comply with the specifications set out in Subclauses PSAB 4.2.1 and PSAB 4.2.2 hereunder.

PSAB 4.2.1 Computer hardware

(a) Laptop

Laptop shall comply with the following minimum specifications:

- (i) The latest 520GHZ laptop
- (ii) 12 Gb RAM
- (iii) 1 TB hard disk
- (iv) 101 type keyboard
- (v) 15" SVGA colour monitor

(b) Printers

Printers shall, unless otherwise approved by the Engineer, be DeskJet (Black and White) or laser printers.

All computer hardware shall be provided complete with the requisite connecting cables and all inter-facing devices and software necessary for its efficient operation as an integral system.

PSAB 4.2.2 Computer software

The following software shall be properly installed on the computer, and the original licence agreements and disks shall be provided to the Engineer for safekeeping:

- (a) Microsoft Windows 2000 or XP Pro
- (b) MS-Office 2000 Professional or XP Professional

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PSAB 4.3 TELEFAX FACILITIES

Subject to the availability of Telkom lines, the Contractor shall provide and install in the Engineer's office referred to in Subclause PSAB 3.2, one plain paper fax machine for the exclusive use of the Engineer and his staff. The Contractor shall provide all consumables such as paper, and ink and toner cartridges as may be necessary for the proper operation of the fax machine.

PSAB 4.4 SURVEY EQUIPMENT

The Contractor shall provide on site and make available for the exclusive use of the Engineer and his staff, the survey equipment listed in Portion 1 of the Project Specifications.

All survey equipment provided by the Contractor shall be in good condition, properly calibrated and fit for the purpose.

In addition to survey equipment provided by the Contractor for the exclusive use of the Engineer and his staff, the Contractor shall make available for use by the Engineer, the further survey equipment listed in Portion 1 of the Project Specifications, at all times when such is reasonably required by the Engineer and his staff for the purposes of the Contract."

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PSAB 5 CONSTRUCTION

PSAB 5.4 TELEPHONE

REPLACE THE CONTENTS OF SUBCLAUSE 5.4 OF SABS 1200 AB WITH THE FOLLOWING:

"PSAB 5.4.1 Telkom telephones

The Contractor shall advise Telkom promptly of any faults which develop in the telephone service and shall, in such circumstances , arrange for the earliest possible restoration of the said service.

The Contractor shall ensure that the telephone account is promptly paid.

PSAB 5.4.2 Cellular telephones

The Contractor shall advise the cellular service provider of any faults which develop in the cellular telephone service and/or the cellular telephone handsets and shall, in such circumstances , arrange for the earliest possible restoration of the said service.

The costs of any necessary repairs and/or the replacement of components to the handsets of the cellular telephones shall be for the Contractor's account.

The Contractor shall ensure that all accounts for cellular phone calls and the respective service contracts are promptly paid."

ADD THE FOLLOWING NEW SUBCLAUSES TO CLAUSE 5 OF SABS 1200 SB:

"PSAB 5.6 COMPUTER EQUIPMENT

All computer equipment provided shall be kept fully serviceable at all times by the Contractor. The Contractor shall have any defective equipment repaired or replaced at his own cost within 12 hours after notification by the Engineer's staff.

The Contractor shall further provide at his own cost, all paper and black ink cartridges and other consumables reasonably required by the Engineer.

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PSAB 5.7 TELEFAX FACILITIES

The Contractor shall advise Telkom promptly of any faults which develop in the telephone line service for the fax machine and shall, in such circumstances , arrange for the earliest possible restoration of the said service.

The Contractor shall promptly arrange for any repairs to or replacement of the fax machine as may prove necessary, and shall ensure that all accounts pertaining to the fax machine are promptly paid.

The Contractor shall further provide at its own cost, all paper, ink cartridges, toner kits and other consumables required for the operation of the fax machine.

PSAB 5.8 SURVEY EQUIPMENT

All survey equipment provided by the Contractor shall be kept fully serviceable at all times by the Contractor. The Contractor shall have any defective equipment repaired or replaced at his own cost within 24 hours after notification by the Engineer's staff.

Where required by the Engineer, the Contractor shall at his own cost, promptly arrange for the re-calibration of survey equipment provided."

PARTICULAR SPECIFICATION**PGA PASSENGER LIFTS, ACCESS GOODS ONLY LIFTS AND ESCALATORS****CONTENTS**

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PGA 01 **SCOPE**

- 1) This specification covers the particulars of the repair and maintenance work to the lifts and access goods only lifts in Government buildings. This Particular Specification shall be read in conjunction with the Technical Specification GA: Lifts, Access Goods only Lifts and Escalators, technical specifications compiled as part of this document.

The intended repair and maintenance work to this installation will restore the existing installation to a safe, reliable and efficiently functional system that complies with all statutory regulations and applicable standards. All defects and shortfalls shall be repaired in order to achieve this. On completion of the repair work each installation shall be maintained and serviced by the Contractor for the remainder of the 30-month Contract period.

- 2) Typically the installations to be repaired and maintained under this Contract include lifts located in the various buildings and are listed below.

PGA 02 **GENERAL DESCRIPTION OF INSTALLATIONS**

The installations to be maintained are listed under schedule A.

Allowance has been made for an initial major service of all the lift installations and for some installations to be repaired. The first Five months of the contract should be used to do the major service. No payment reductions for the number of breakdowns will be applied during this initial period but other payment reductions will still be applicable.

The major repairs of the lifts must be completed within the first 9 month of the contract period and no payment reduction for the number of breakdown will be applied be applied during the repair period.

PGA 03 **TECHNICAL DETAILS OF EXISTING INSTALLATIONS AND REPAIR WORK TO BE DONE**

At the time of compilation of this document the existing installation consisted of the equipment listed below with their relevant technical details. Inspections have been carried out and specific items requiring repair have been identified. This information is included in the sub sections below.

All of the lifts are currently in use. Careful planning is therefore required in order to minimise the downtime of lifts during repairs.

The repair work shall be done in accordance with the relevant regulations, codes, specifications and Technical Specification GA: Passenger Lifts, Access only Goods Lifts and Escalators, as set out in this document.

Repairs (in addition to the major service) are described under each installation and measured in the bills of quantities. The repair work at least includes, but is not limited to the work listed. Any items, components, installations and systems not detailed in particular shall be repaired and/or replaced if found to be defective and/or inoperative.

In addition to the specified repair work and other measured items, all installations shall be given a major service at the start of the contract where at least the following are done (see PGA 05.01 for more details):

- Check and correct all adjustments
- Repair and/or replace all lamps, batteries, labels, name plates, buttons, etc.
- Clean, repair and touch up all landing doors, sills, car doors, car interiors, etc.
- Clean, repaint, oil and grease all equipment, ropes, guides, switches, contacts, etc.
- Clean and repair all motor room doors, windows, fans, louvers, ceilings, lights, switches, etc.

- List all large defects and submit to the engineer for approval for as additional repairs.
- Perform all statutory internal and external inspections
- Test and recommission the installation.

The details of the installations to be repaired and maintained are attached as schedule A.

PGA 04 TECHNICAL DETAILS OF INSTALLATIONS TO BE MODERNISED

A number of lift installations have been identified to be modernised. Unless otherwise specified the term modernisation shall mean the replacement of all the components of the lift installation with new, modern components.

- 1) The modernised lift installation shall at least comply with the following:
 - a) The speed, car floor area, rated load and other prominent features shall equal or better the existing lift installation.
 - b) The lifts shall be disabled friendly and fully comply with GA, OHS Act, SANS 1545 and SANS 50081:70. Any deviations must be stated in the tender.
 - c) A GSM intercom and alarm system, as specified, shall be installed.
 - d) The motor room may or may not be retained according to the requirements of the lift installation. Allow for all necessary changes to the motor room such as the following:-
 - i) Core drill new holes
 - ii) Make the existing motor room safe
 - iii) Move the existing electrical supply and distribution boards
 - iv) Allow for the cutting in of the lift controller into the wall next to the landing frame and making good
 - e) Only traction drives with dedicated lift controllers will be considered unless otherwise specified. No PLC lift controllers will be accepted.
- 2) The scope for each modernisation is specified for each lift installation but the modernisation action shall include at least the following:
 - a) Replace all electrical and electronic components including the COP, shaft information, controller, landing buttons, indicators, motor drive, cabling, etc.
 - b) Replace the existing AC or DC electric motors with new VVVF compatible motors.
 - c) Replace the car and landing doors with new centre opening doors.
 - d) Replace all landing and car door hangers, tracks, shoes, rollers, etc. with new components.
 - e) Replace the car door operator with a new rotary or linear VVVF operator.
 - f) Replace all car, counter weight, safety gear and compensating ropes/chains.
 - g) Replace sheaves, gear boxes and over speed governors.
 - h) Replace the car frame and guide rollers or shoes.
 - i) Goods only lifts and hoists shall be provided with safety gear.
 - j) Refurbish landing architraves. Allow for replacement of the landing sills.
 - k) Provide new or repair existing recesses and wire ways for landing equipment such as buttons and plates.
 - l) Provide new car interiors as follows:
 - i) Stainless steel walls, COP and hand rails. Allow for strong hand rails.

- ii) Half height mirror on the back wall.
- iii) Grey slip resistant rubber floor.
- iv) Opal or prismatic tamper resistant ceiling panels with fluorescent lamps.
- v) If so specified, all buttons, lights, COP, finishes, indicators, etc shall be vandal proof suitable for environments such as prisons.
- m) The lift finishes shall be suitable for the intended use of the lift.
- 3) If necessary and if not specified otherwise the following typical components may be retained but only after a complete refurbishment, realignment and testing of the components to ensure that they are suitable for the modernised lift installation.
 - a) Landing door architraves
 - b) Car and counter weight guide rails
 - c) Counter weight
 - d) Motor room
- 4) Note that the tenderer has to confirm all site measurements, lift particulars and other site specific information. No claims for wrong information in this regard will be considered.
- 5) Redundant material and equipment becomes the property of the contractor and must be removed from site.

PGA 05 MEASUREMENT AND PAYMENT

Allow for the work specified under each items. Also refer to the other parts of the specification. The cost allowed for each item must be inclusive of all costs to complete the item and ensure a functional and reliable installation. Items shall typically include material, sundries, labour, delivery to site, commissioning, testing and handing over.

PGA 05.01 MAJOR REPAIR Unit: Sum

Each lift installation shall receive an initial major repair to confirm that the lift installation is in a reliable, safe and maintainable condition. The major repair shall cover all the components of the lift installation including the shaft, motor room and all associated services. Make allowance for decommission & commissioning costs under all major repairs in this contract.

The price for the major service shall include all costs, material, parts and labour to complete the major service. The price shall include all necessary repairs and replacements (small and large).

Note that cost of the following items should not be included in the rate for the major repair of a lift installation as they are measured separately:

- Replacement of ropes
- New electrical distribution boards

At least the following minimum shall be included in the major repair.

Additional servicing, repairs, adjusting and replacements shall be included in the price as required for the specific installation.

1) General

- a) Do a new comprehensive report as required by law and ensure that all outstanding items on the report are completed
- b) Make the complete installation compliant with the OHS Act by installing signs, chevrons, safety covers, fire extinguishers, hand rails, painting lines, etc.
- c) Service, repair, replace, clean and lubricate all components as required.

2) Lift cars, car door and landing door equipment

- a) Service/replacement of the structure of the lift car by repairing weak points, treating rust, painting and cleaning the structure.
- b) Ensure adequate lighting on top of car (100 lux). Ensure warning signs and car top guard rails are in place and that all wiring are protected and guarded.
- c) Fit new or repair egg crate or prismatic light covers in.
- d) Service or replace alarm bell, ventilation fan, fluorescent lights, emergency battery supply, charger and emergency light.
- e) Service and repair the full height door detectors.
- f) Protect electronic and electrical components against water and physical damage by installing covers or repositioning equipment. All equipment shall at least be IPX3 compliant. Additional protection measure shall be added if the existing protection is inadequate. Note that no claims for water damage will be considered after the major service.
- g) Service, repair and adjust door tracks, rollers/shoes, door operator. Replace all worn rollers and shoes.
- h) Service and repair COP, buttons, landing buttons, lamps, displays and indicators. Replace or repair damaged components
- i) Service and repair car safety gear arms and linkages.
- j) Renew worn lock contacts and locks. Replace worn landing door shoes and worn sills if necessary. Ensure that landing doors comply to SANS 1545.
- k) Supply and install RAMP Call Centre labels on each landing architrave and in each lift car. Digital printed labels on vinyl will be acceptable.
- l) Service, repair and adjust the load weighting system.
- m) Repair damaged car, door and landing finishes.

3) Shaft equipment

- a) Realign the guide rails, repair the fixings to the shaft walls, replace guide rollers or shoes, replace oils, service counter weight, car buffers, repair or replace screens, service ropes, service compensating cables, service safety gear and governor.
- b) Renew worn rollers, air cord and all worn equipment to secure reliability. Fit dislocking devices.
- c) Repair and paint shaft steel work. Service, repair and lubricate compensating chains and ropes.

4) Sheaves, brake assembly, gears and drive

- a) Strip, clean, lubricate and adjust brake and pins. Replace or service the brake linings and adjust the brakes.
- b) Inspect the gearbox, flush and replace the oils. Remedy any leaks.
- c) Do non-destructive testing on 3-bearing shafts with recommendations.
- d) Test, balance, level and align rotating parts.

- e) Clean and lubricate ropes. Adjust rope tensions and lengths.
 - f) Replace or repair motor and generator brushes.
- 5) Control system and wiring
- a) Adjust floor levels.
 - b) Existing controller units shall be thoroughly serviced and checked for faulty wiring & switches (including shaft wiring and switches). Repair, test and adjust shaft information.
 - c) Test the functionality of the existing drive unit and check/reset all parameters
 - d) Ensure that full electrical drawings and fault finding equipment are available in the machine room.
 - e) Service and repair the links to remote intercom and monitoring systems.
 - f) Test the functioning of electrical overloads, emergency power, fireman's service, independent service, group control, re-levelling, electrical compensation, load weighting, etc.
 - g) Service and repair the selector or shaft information.
 - h) Change any existing GSM units to conform to the GA specification, ensure a valid SIM card, program all the telephone numbers and test all its functions.
- 6) Motor room, shaft and pit
- a) Service the sump pump, pipes, glands, level control, etc. Install a new or service the high level water alarm (float switch) connected to GSM system in the motor room.
 - b) Service motor room and shaft electrical equipment such as lights, isolators, socket outlets, distribution boards, etc. and ensure that the electrical installation complies with SANS 10142. Replace all defective lamps, circuit equipment and components.
 - c) Service extract fans and thermostats.
 - d) Paint sheaves and moving parts caution yellow. Fit guards to sheave and governors as per OHS Act.
 - e) Repair, clean, prepare and paint all floors, walls (not shaft walls), ceilings, doors, windows, grills, machines and other metal parts. The motor room and pit floor should be painted with a suitable two part epoxy paint. The motor room walls and ceiling should be painted with durable, washable acrylic paint. Also refer to PW371 and the lift specifications.
 - f) Service and repair all doors, locks and windows to ensure proper functioning. Replace broken glass and broken ceiling panels.
 - g) Paint demarcation lines according NOSA requirements
 - h) Provide new or repair notices, safety signs, fire extinguishers, information cabinets/holders, etc. and other safety requirements according to the OHS Act in the motor room, lift shaft and on all landings.

PGA 05.02	MODERNISE THE INSTALLATION	Unit: Sum
	The rate shall cover all the costs involved with the complete modernisation of all the lifts and the motor room in the installation as specified in PGA 04, GA and the modernisation schedules. Note that the modernisation may be delayed until later in the contract. No planning or ordering shall commence until instructed by the Engineer to proceed with the modernisation process. All imported items, materials and equipment should be listed in the "Schedule of imported materials and equipment" if exchange rate fluctuations need to be taken into account.	
PGA 05.03	ADDITIONAL LABOUR ITEMS	
PGA 05.03a	ADDITIONAL DAILY INSPECTION, CLEANING AND ATTENDANCE	Unit: hours
	The unit is the number of hours that the contractor will have to perform the additional daily inspection, cleaning of lifts, attendance and assistance. The rate shall include all labour and travelling of a competent person and material to visit each lift and to repair, clean and adjust the components that may be dirty as a result of activities such as building activity and the moving of furniture. Allow for the replacement of small items such as door shoes. A maximum of 1h travelling time will be allowed per visit to a building and the time spent on site will be as instructed by the Engineer.	
PGA 05.03b	DO AN ADDITIONAL COMPREHENSIVE REPORT	
	Do an additional comprehensive report by a registered lift inspector according to the requirements of the OHS Act. The rate shall also include the inspection and certification by the lift inspector that all the outstanding items have been attended to.	
PGA.03b (i)	Base rate per lift	Unit: No
PGA.03b (ii)	Extra over rate per lift landing	Unit: No
PGA 05.03c	PUMP OUT WATER IN A PIT	Unit: No
	The unit is the number of times that the contractor has to pump out water in a pit. The rate shall include for the pumping out of water, treating, cleaning and drying the pit and all equipment, lubricating ropes, chains, sheaves, buffers, rails and other pit equipment. Allow for the replacement of damaged equipment or ropes.	
PGA 05.04	REPLACE DAMAGED DOOR EQUIPMENT AND MATERIAL	
	Replace existing equipment and material. Allow for the removal of the old, preparing the area and installing the new equipment and material. Rates shall include the supply, delivery, installation, labour, setting up, commissioning and all other costs to ensure a functional replacement. Allow for opening widths up to 1300mm unless otherwise specified.	
PGA 05.04a	REPLACE CAR OR LANDING DOOR PANELS	Unit: No
	The rate is for the number of door panels replaced. The door panels shall be folder stainless steel / painted car or landing door panels including mounting bolts/nuts, skids, etc. but excluding hangers, door operators, rollers, shoes, etc. The door panels shall be suitable to function with the new or existing door operator or landing door equipment.	

PGA 05.04b	REPLACE CAR DOOR OPERATORS AND TRACKS	Unit: No
	The rate is for the number of car door operators replaced. The car door operators shall be complete with VVVF drive, door controller, linkages, skid rollers, tracks, hangers, sight guards, wiring, interfaces to the controller, etc. to ensure a functional unit that works with the landing door locks.	
PGA 05.04c	REPLACE LANDING DOOR EQUIPMENT	Unit: No
	The rate is for the number of landings for which equipment is replaced. The landing door equipment shall be complete including tracks, rails sight guards, hangers, shoes, triangle unlocking mechanism, weighted self closers, etc. to ensure a functional unit that works with the car door operator and door locks. The door locks are measured separately.	
PGA 05.04d	REPLACE LANDING DOOR LOCK	Unit: no
	The rate is for the number of landing door locks replaced. The landing doors locks shall include wiring and changes to the landing doors to ensure a functional unit.	
PGA 05.04e	REPLACE CAR DOOR SAFETY DETECTORS	Unit: No
	The rate is for the number of sets of car door safety detectors replaced. The safety detectors shall be full height, IP54 infra red beam detectors complete with cabling and sight guards but excluding the detector controller similar to Pana 40+.	
PGA 05.04f	REPLACE CAR DOOR SAFETY DETECTOR CONTROLLER	Unit: No
	The rate is for the number of car door safety detectors controllers replaced. The safety detector controller shall have at least an IPX3 rating suitable for a set of infra red beam detectors similar to Pana 40+ complete power supply and cabling.	
PGA 05.04g	REPLACE 3D CAR DOOR SAFETY DETECTORS	Unit: No
	The rate is for the number of sets of 3D car door safety detectors replaced. The safety detectors shall be full height, IP54 infra red beam detectors complete with cabling and sight guards but excluding the detector controller similar to Pana 40+ 3D.	
PGA 05.04h	REPLACE 3D CAR DOOR SAFETY DETECTOR CONTROLLER	Unit: No
	The rate is for the number of 3D car door safety detectors controllers replaced. The safety detector controller shall have at least an IPX3 rating suitable for a set of infra red beam detectors similar to Pana 40+ 3D complete power supply and cabling.	
PGA 05.04i	REPLACE SOLID WOODEN SWING DOOR	Unit: No
	The rate is for the number of solid wood (no door cavities) swing doors replaced. The wooden swing landing door shall be complete with hinges and safety glass vision panel to ensure a full functional unit. The lock and door closer are measured separately.	
PGA 05.04j	REPLACE VISION PANEL	Unit: No
	The rate is for the number of safe glass vision panels replaced with wire reinforced glass vision panels.	
PGA 05.04k	REPLACE DOOR CLOSER	Unit: No
	The rate is for the number of swing door closers replaced complete with tamper proof screws.	
PGA 05.05	REPAIR DAMAGED EQUIPMENT AND MATERIAL	
	Repair damage to equipment and material typically caused by users of a lift. The rates shall include for the repair, replacement of parts, surface preparation, painting, cleaning, labour, etc. that may be required to re-instate the damaged equipment or material to its original state. Allow for the removal of a part if required.	

PGA 05.05a	REPAIR METAL WORK	Unit: m²
	Repair, sand down and prepare metal work such as landing/car doors or landing door architraves and spray paint according to specification. Stainless steel shall be cleaned, polished or brushed similar to the original finish. The rate shall include the dismantling and refitting of doors and the repairing of dents and scratches.	
PGA 05.05b	REPAIR A SET OF DAMAGED LANDING DOORS	Unit: No
	The unit is the number of times that the contractor has to repair a set of landing doors as a result of forced damage. Forced damage can be as result of doors forced open by the fire brigade or trolley damage.	
	The rate shall include all labour and material to repair or replace door shoes, rollers, guides, etc. Also allow for the removal and refitting of the door panels, repair of locks, paint work and other damage.	
PGA 05.05c	REPAIR A DAMAGED SWING LANDING DOOR	Unit: No
	The unit is the number of times that the contractor has to repair a swing landing door as a result of forced damage. Forced damage can be as result of doors forced open by the fire brigade or trolley damage.	
	The rate shall include all labour and material to repair or replace door hinges and other door components. Also allow for the removal and refitting of the door, repair of locks, vision panel, paint work and other damage.	
PGA 05.05d	REPAIR A SET OF DAMAGED CAR DOORS	Unit: No
	The unit is the number of times that the contractor has to repair a set of car doors as a result of forced damage. Forced damage can be as result of doors forced open by the fire brigade or trolley damage.	
	The rate shall include all labour and material to repair or replace door shoes, sight guards, rollers, guides, etc. Also allow for the removal and refitting of the door panels and repair of paint work and other damage.	
PGA 05.05e	REPAIR A SET OF DAMAGED BI-PARTING CAR AND LANDING DOORS	Unit: No
	The unit is the number of times that the contractor has to repair a set of bi-parting landing and car doors as a result of forced damage. Forced damage can be as result of doors forced open by the fire brigade or trolley damage.	
	The rate shall include all labour and material to repair or replace door shoes, rollers, guides, etc. Also allow for the removal and refitting of the door panels, repair of locks, paint work and other damage.	
PGA 05.05f	REPAIR DAMAGED CAR DOOR DRIVE AND OPERATOR	Unit: No
	The unit is the number of times that the contractor has to repair a car door operator and drive as a result of forced damage. Forced damage can be as result of doors forced open by the fire brigade or trolley damage.	
	The rate shall include all labour and material to repair or replace door shoes, rollers, guides, sight guards etc. Also allow for the removal and refitting of the door panels and repair of paint work and damage.	
PGA 05.06	REPLACE CAR EQUIPMENT AND FINISHES	
	Replace existing equipment and material. Allow for the removal of the old, preparing the area and installing the new equipment and material. Rates shall include the supply, delivery, installation, labour, setting up, commissioning and all other costs to ensure a functional replacement.	
PGA 05.06a	REPLACE CAR INTERIOR FINISHES	
	Allow for the following car finishes. The rates are per length or area supplied and installed and shall include for the removal and disposal of previous finishes.	

PGA.06a (i)	Replace interior car wall finishes	Unit: m ²
PGA.06a (ii)	Replace mirror with a 6mm pigmented laminated safety glass mirrors	Unit: m ²
PGA.06a (iii)	Replace car floor finishes e.g. rubber, PVC or Al checker plate	Unit: m ²
PGA.06a (iv)	Replace handrail with 50mm stainless steel tube handrail complete with end stops and supports up to 1000mm long	Unit: No
PGA.06a (v)	Replace diffusers with new prismatic/opal acrylic diffuser ceiling material	Unit: m ²
PGA.06a (vi)	Replace 100mm high stainless steel skirting	Unit: m
PGA 05.06b	REPLACE CAR OPERATING PANELS (COPs)	Unit: No
	The rate is for the number of COPs replaced. The COP shall be made from bevelled stainless steel complete with buttons, indicator lights, floor indicator, provision for intercom, disabled friendly, security screws, etc. to ensure a functional unit rated fro IPX3.	
PGA 05.06c	REPLACE LANDING OR COP BUTTON	Unit: No
	The rate is for the number of buttons replaced. The buttons shall be similar to Elemod with a stainless steel finish, Braille engraving and durable lettering.	
PGA 05.06d	REPLACE LANDING BUTTONS / INDICATOR UNIT	Unit: No
	The rate shall be the number of landing plates replaced complete with two buttons, gong, a digital floor level indicator / directional indicators and interface to the controller. The rate shall include bevelled 2mm stainless steel face plates, security screws, recessed or surface box, wiring, etc. Allow for cutting into walls (if not fitted in the architrave), conduits, making good (cleaning, patching, plastering, painting, etc.) and the removal and blanking off of any previous equipment.	
PGA 05.06e	REPLACE VOICE ANNUNCIATORS	Unit: No
	The rate is for the number of voice annunciators replaced. The voice annunciators shall comply with the lift regulations for disabled persons complete with interfaces to ensure a functional unit. A legible female voice is preferred.	
PGA 05.06f	REPLACE EMERGENCY LIGHT	Unit: No
	The rate is for the number of emergency lights replaced. The emergency light shall be complete with batteries and battery charger rated fro IPX3.	
PGA 05.07	REPLACE OTHER LIFT EQUIPMENT AND MATERIAL	
	Replace existing equipment and material. Allow for the removal of the old, preparing the area and installing the new equipment and material. Rates shall include the supply, delivery, installation, labour, setting up, commissioning and all other costs to ensure a functional replacement.	
PGA 05.07a	REPLACE ELEVATOR ROPES	Unit: m
	The rate shall be the length of elevator, hoist, compensation or governor ropes replaced in meters and shall include all items to ensure a complete installation. Allow for suitable end terminations and the removing and disposing of the old ropes.	
PGA 05.07b	REPLACE TRAILING CABLES	Unit: m
	The rate shall be the length of flat tailing cable replaced in meters and shall include all items to ensure a complete installation. Allow for suitable end terminations, clamps and the removing and disposing of the old cables.	
PGA 05.07c	EMERGENCY RELEASE / LOWERING DEVICE	Unit: No
	Supply and install an emergency power supply release device to ensure that lift docks to next floor level and opens lift and landing doors to eliminate entrapment during electrical power failure.	

PGA 05.07d	REPLACE SAFETY GEAR	Unit: No
	The rate is for the number of safety gear replaced complete with accessories.	
PGA 05.07e	NEW CONTROLLERS / DRIVE CONTROLLER	Unit: No
	The rate is for the number control systems replaced complete with mountings, wiring, tachometer, encoder, static drive (VVVF or DC), circuit breakers, enclosures, trailing cables, COPs, landing buttons, indicators, wiring, interfaces, terminal boxes, limit switches, shaft information and all required components to ensure a functional unit.	
PGA 05.07f	NEW DRIVE GEAR AND SHEAVE	Unit: No
	The rate is for the number of drive gear, sheave and break assemblies replaced complete with mountings, couplings, alignment, etc. to ensure a functional unit	
PGA 05.07g	REPLACE AC HOIST MOTOR	Unit: No
	The rate is for the number of AC drive motors replaced with new AC motors suitable for VVVF operation complete with mountings, cabling, couplings, alignment, etc. to ensure a functional unit.	
PGA 05.07h	SUPPLY AND INSTALL ELECTRICAL SURGE PROTECTION	Unit: No
	The rate is for the number of AC drive motors replaced with new AC motors suitable for VVVF operation complete with mountings, cabling, couplings, alignment, etc. to ensure a functional unit.	
PGA 05.08	INTERCOM / ALARM SYSTEMS	
PGA 05.08a	INSTALL REMOTE INTERCOM	Unit: No
	The rate is for the number of remote intercom/alarm systems supplied and installed. Include the cost cabling, remote station, links to lift controllers and links to lift intercoms.	
	The system shall allow intercommunication to each lift and shall have audible and visual indications of a fault condition or a pressed alarm bell. The remote station shall also indicate the position (level) of each lift.	
	The intercom of this system shall override the GSM intercom. The alarm functions of both systems shall however remain active.	
	Assume that the remote station can be up to 100m from the lift shaft measured horizontally.	
PGA 05.08b	REPLACE OR INSTALL NEW GSM INTERCOM/ALARM UNIT	Unit: No
	The rate is for the number of GSM units replaced or new units installed in the motor room. The rate shall include a power supply, programming, batteries, wiring, links to lifts, links to controllers, antennas, etc.	
PGA 05.09	REPLACE ELECTRICAL EQUIPMENT	
	Replace existing equipment and material. Allow for the removal of the old, preparing the area and installing the new equipment and material. Rates shall include the supply, delivery, installation, setting up, commissioning and all other costs to ensure a functional replacement.	
PGA 05.09a	REPLACE DISTRIBUTION BOARD	Unit: No
	The rate shall be the number of surface mounted distribution boards replaced complete with, cable terminations, legends, blanks, COC, etc. Typical DB sizes are:	
	• 100A, 20 way DB with a 5kA fault level • 200A, 3 x 20 way DB with 10kA fault level	

PGA 05.09b	REPLACE ELECTRICAL SWITCHGEAR	Unit: No
	Replace electrical equipment such as circuit breakers, isolators and contactors. Allow for the removal of the old unit, installing and connecting the new unit. Also allow for new labelling, updating of legends and the making good of the surrounding area.	
PGA 05.09c	REPLACE LIGHT FITTINGS WITH LED FITTINGS	Unit: No
	The rate is for the number of light fittings replaced. Allow for water proof glands, cable terminations and wiring.	
	Bulkhead LED light fittings shall be 250mm round with an aluminium base, 54W energy saving lamp and glass diffuser.	
PGA 05.09d	NEW LIGHT POINT	Unit: No
	The rate is for the number of light points installed complete with 1.5mm ² 3core surface cabling, saddles, glands, etc. Allow for up 40m supply cable.	
PGA 05.09e	NEW SHAFT LIGHT INSTALLATION	Unit: No
	The rate is for the number of shaft light fittings replaced or installed. The installation must be done in accordance with SANS 50081 (Part 1).	
PGA 05.10	BUILDING RELATED WORK	
PGA 05.10a	NEW 5kg CO₂ FIRE EXTINGUISHER	Unit: No
	Supply and install a new 5kg CO ₂ fire extinguisher complete with wall mounting and signs.	
PGA 05.10b	REPLACE OR INSTALL NEW MOTOR ROOM EXTRACT FAN	Unit: No
	The rate is for the number of extract fans replaced or new fans installed complete with complete with cabling, electrical supply, weather louvers, switchgear and thermostat. The fan shall have the following specifications:	
	• Axial flow plate mounted fan shall not exceed 1440 r.p.m. at a dB(A) value of less than 60. • The installation must include a aluminium weather louver and a protective wire guard on the inside. • A thermostatic controller will be installed in the lift motor room to switch on at a pre-selected temperature. • The fan must be able to overcome the static pressure loss through the above mentioned wire guard and weather louver and be able to attain the specified flow rate. A minimum of 40Pa shall be allowed for. • Allow for a fan size of 800 l/s. • Fans shall be both statically and dynamically balanced in the manufacturer's factory and shall be mounted on vibration isolating springs and shall be quiet in operation.	
PGA 05.10c	REPLACE LOUVERED STEEL MOTOR ROOM DOOR	Unit: No
	The rate is for the number of steel, half height louvered motor room doors replaced. Allow for the removal of the old door, repairing and painting of the door frame and the new door, high security hasp and staple.	
PGA 05.10d	SUPPLY AND INSTALL SAFETY STEEL GATE AT MOTOR ROOM	Unit: No
	The rate is for the number of steel security gates supplied and installed in front of an existing motor room door. Allow for a gate up to 1000mm wide made with 10mm round bars, 6mm x 50mm flat steel frame and welded eyes suitable for a high security pad lock.	

- PGA 05.10e INSTALL NEW SUMP PUMP Unit: No**
- The rate shall allow for the supply, installation and connection of a new sump pump complete with floats and connection to the GSM alarm unit. The sump pump shall be of the submersible pump rated for 2/s at 7m head with float levels.
- PGA 05.10f BUILD A NEW SUMP Unit: No**
- Build, finish and seal a new sump in the pit floor suitable for a sump pump. Supply and install piping, electric connection cables from the motor room, waterproof isolator switch, painted steel grid and up to 30m of drainage pipes.
- PGA 05.11 MAJOR REPAIR ITEMS**
- These repair items are measured specifically per lift and shall include the supply, delivery, installation and commissioning of the item and all other related costs.
- PGA 05.11a REPLACE MOTOR BRAKES WITH MAGNET BRAKES Unit: No**
- The rate is for the number of motor actuated brake assemblies replaced with magnet binder brakes complete.

PGA 06 **SCHEDULE A: INSTALLATIONS**

All the lift installations forming part of this contract are listed under this schedule A.

The information provided for each installation is as received from inspections done by lift inspectors and indicate the current condition of the lifts and list some recommendations for repairs. It is up to the contractor to decide what recommendations should be implemented during the major service to ensure a functional, reliable and safe installation.

Additional repairs may have been measured in the bills of quantities and these additional repairs will be implemented as instructed by the Engineer and will be additional to the repairs included in the major service.

Note that the information provided may not be accurate because the condition of the installations may have changed and there may be some undiscovered or hidden problems. It is therefore important for the tenderer to obtain additional information at his own cost in order to satisfy him of the true condition of the equipment.

Typical abbreviations used:

M	=	Maintain
R	=	Repair
N	=	New
SDP	=	Speed
2SPD	=	Two Speed
C/O, CO	=	Centre Opening
MW	=	Moderate Worn
S/W	=	Slightly worn
B/W	=	Broken wires

PGA 06.3A INSTALLATION 3A: TRIOMF HERDERSHOF POLICE STATION – JE5737

LIFT NO.	JE5737
MANUFACTURE (OEM)	01L5113 installation incomplete
CONTROLLER	Diao Incomplete Installation
MACHINE TYPE	Diao stripped equipment
LOAD (kg)	910kg
SPEED (m/s)	1.5 m/s
No. of Floors	16
Year of Installation	No records
Year of Modification	2014

PGA 06.3B INSTALLATION 3B: TRIOMF HERDERSHOF POLICE STATION – JE5740

LIFT NO.	JE5740
MANUFACTURE (OEM)	01L5116 installation incomplete
CONTROLLER	Diao Incomplete Installation
MACHINE TYPE	Diao stripped equipment
LOAD (kg)	500kg
SPEED (m/s)	1.5 m/s
No. of Floors	16
Year of Installation	No records
Year of Modification	2014

PGA 06.4A INSTALLATION 4A: PNEUMOCONIOSIS – 01L2436

LIFT NO.	01/L2436
MANUFACTURE (OEM)	Schindler
CONTROLLER	PLC Controller
MACHINE TYPE	3 – Bearing AC Geared
LOAD (kg)	1100kg
SPEED (m/s)	1.0 m/s
No. of Floors	5
Year of Installation	1965
Year of Modification	2005

PGA 06.4B INSTALLATION 4B: PNEUMOCONIOSIS – 01L2437

LIFT NO.	01/L2437
MANUFACTURE (OEM)	Schindler
CONTROLLER	PLC Controller
MACHINE TYPE	3 – Bearing AC Geared
LOAD (kg)	1100kg
SPEED (m/s)	1.0 m/s
No. of Floors	5
Year of Installation	1965
Year of Modification	2005

PGA 06.5A INSTALLATION 5A: SAP DISTRICT HEAD QUARTERS ROODERPOORT – JE7562

LIFT NO.	JE7562
MANUFACTURE (OEM)	Schindler
CONTROLLER	MX-VF 50BR
MACHINE TYPE	Schindler W250
LOAD (kg)	1050kg
SPEED (m/s)	1.5 m/s
No. of Floors	5
Year of Installation	1976
Year of Modification	2004

PGA 06.5B INSTALLATION 5B: SAP DISTRICT HEAD QUARTERS ROODERPOORT – JE7563

LIFT NO.	JE7563
MANUFACTURE (OEM)	Schindler
CONTROLLER	MX-VF 50BR
MACHINE TYPE	Schindler W250
LOAD (kg)	1050kg
SPEED (m/s)	1.5 m/s
No. of Floors	5
Year of Installation	1976
Year of Modification	2004

PGA 06.6A INSTALLATION 6A: PUBLIC OFFICES ROODEPOORT – 01L3030

LIFT NO.	01L3030
MANUFACTURE (OEM)	Schindler
CONTROLLER	MXGC
MACHINE TYPE	PMS 420 MRL
LOAD (kg)	1000kg
SPEED (m/s)	1.0 m/s
No. of Floors	3
Year of Installation	1982
Year of Modification	2008

PGA 06.7A INSTALLATION 7A: SAPS VEREENIGING – 01L2844

LIFT NO.	01L2844
MANUFACTURE (OEM)	Schindler
CONTROLLER	MX-GC
MACHINE TYPE	PMS 540
LOAD (kg)	1000kg
SPEED (m/s)	1.6 m/s
No. of Floors	4
Year of Installation	2008
Year of Modification	None

PGA 06.8A INSTALLATION 8A: SAPS FLATS BENONI – 01L3032

LIFT NO.	01L3032
MANUFACTURE (OEM)	Schindler
CONTROLLER	MX-GC
MACHINE TYPE	PMS 420
LOAD (kg)	900kg
SPEED (m/s)	1.0 m/s
No. of Floors	6
Year of Installation	2008

PGA 06.8B INSTALLATION 8B: SAPS FLATS BENONI – 01L3033

LIFT NO.	01L3033
MANUFACTURE (OEM)	Schindler
CONTROLLER	MX-GC
MACHINE TYPE	PMS 420
LOAD (kg)	900kg
SPEED (m/s)	1.0 m/s
No. of Floors	6
Year of Installation	2008

PGA 06.9A INSTALLATION 9A: PWD STORES – 01L3633

LIFT NO.	01L3633
MANUFACTURE (OEM)	Schindler
CONTROLLER	MX-GC
MACHINE TYPE	PMS 420
LOAD (kg)	1600kg
SPEED (m/s)	1.0 m/s
No. of Floors	3
Year of Installation	1952
Year of Modification	2009

PGA 06.9B INSTALLATION 9B: PWD STORES – 01L3634

LIFT NO.	01L3634
MANUFACTURE (OEM)	Schindler
CONTROLLER	MX-GC
MACHINE TYPE	PMS 420
LOAD (kg)	1600kg
SPEED (m/s)	1.0 m/s
No. of Floors	3
Year of Installation	1952
Year of Modification	2009

PGA 06.10A INSTALLATION 10A: SAP KRUGERSDORP – 01L2441

LIFT NO.	01L2441
MANUFACTURE (OEM)	Schindler
CONTROLLER	MX-GC
MACHINE TYPE	PMS 420
LOAD (kg)	900kg
SPEED (m/s)	1.4 m/s
No. of Floors	5
Year of Installation	2008
Year of Modification	None

PGA 06.10B INSTALLATION 10B: SAP KRUGERSDORP – 01L2442

LIFT NO.	01L2442
MANUFACTURE (OEM)	Schindler
CONTROLLER	MX-GC
MACHINE TYPE	PMS 420
LOAD (kg)	900kg
SPEED (m/s)	1.4 m/s
No. of Floors	5
Year of Installation	2008
Year of Modification	None

PGA 06.11A INSTALLATION 11A: HARRISON STREET GOVERNMENT OFFICES – 01L2845

LIFT NO.	01L2845
MANUFACTURE (OEM)	Schindler
CONTROLLER	MX-GC
MACHINE TYPE	PMS 420
LOAD (kg)	1000kg
SPEED (m/s)	1.5 m/s
No. of Floors	10
Year of Installation	2008
Year of Modification	None

PGA 06.11B INSTALLATION 11B: HARRISON STREET GOVERNMENT OFFICES – 01L2846

LIFT NO.	01L2846
MANUFACTURE (OEM)	Schindler
CONTROLLER	MX-GC
MACHINE TYPE	PMS 420
LOAD (kg)	1000kg
SPEED (m/s)	1.5 m/s
No. of Floors	10
Year of Installation	2008
Year of Modification	None

PGA 06.11C INSTALLATION 11C: HARRISON STREET GOVERNMENT OFFICES – 01L2847

LIFT NO.	01L2847
MANUFACTURE (OEM)	Schindler
CONTROLLER	MX-GC
MACHINE TYPE	PMS 420
LOAD (kg)	1000kg
SPEED (m/s)	1.5 m/s
No. of Floors	10
Year of Installation	2008
Year of Modification	None

PGA 06.11D INSTALLATION 11D: HARRISON STREET GOVERNMENT OFFICES – 01L2848

LIFT NO.	01L2848
MANUFACTURE (OEM)	Schindler
CONTROLLER	MX-GC
MACHINE TYPE	PMS 420
LOAD (kg)	1000kg
SPEED (m/s)	1.5 m/s
No. of Floors	10
Year of Installation	2008
Year of Modification	None

PGA 06.11E INSTALLATION 11E: HARRISON STREET GOVERNMENT OFFICES – JE2792

LIFT NO.	JE2792
MANUFACTURE (OEM)	Schindler
CONTROLLER	Relay Simplex
MACHINE TYPE	AC Cascade
LOAD (kg)	600kg
SPEED (m/s)	1.0 m/s
No. of Floors	9
Year of Installation	1954
Year of Modification	None

PGA 06.12A INSTALLATION 12A: JOHANNESBURG CENTRAL POLICE STATION – 01L5110

LIFT NO.	01L5110
MANUFACTURE (OEM)	Diao
CONTROLLER	Diao VVVF
MACHINE TYPE	Diao G.E.T M3
LOAD (kg)	1000kg
SPEED (m/s)	1.75 m/s
No. of Floors	11
Year of Installation	2014
Year of Modification	None

PGA 06.12B INSTALLATION 12B: JOHANNESBURG CENTRAL POLICE STATION – 01L5111

LIFT NO.	01L5111
MANUFACTURE (OEM)	Diao
CONTROLLER	Diao VVVF
MACHINE TYPE	Diao G.E.T M3
LOAD (kg)	1000kg
SPEED (m/s)	1.75 m/s
No. of Floors	11
Year of Installation	2014
Year of Modification	None

PGA 06.12C INSTALLATION 12C: JOHANNESBURG CENTRAL POLICE STATION – 01L5108

LIFT NO.	01L5108
MANUFACTURE (OEM)	Diao
CONTROLLER	Diao VVVF
MACHINE TYPE	Diao G.E.T M3
LOAD (kg)	630kg
SPEED (m/s)	1.75 m/s
No. of Floors	6
Year of Installation	2014
Year of Modification	None

PGA 06.12D INSTALLATION 12D: JOHANNESBURG CENTRAL POLICE STATION – 01L5107

LIFT NO.	01L5107
MANUFACTURE (OEM)	Diao
CONTROLLER	Diao VVVF
MACHINE TYPE	Diao G.E.T M3
LOAD (kg)	1000kg
SPEED (m/s)	1.0 m/s
No. of Floors	4
Year of Installation	2014
Year of Modification	None

PGA 06.13A INSTALLATION 13A: NEW REVENUE OFFICES – JE2803

LIFT NO.	JE2803
MANUFACTURE (OEM)	Schindler
CONTROLLER	Miconic MX
MACHINE TYPE	AC VVVF
LOAD (kg)	1135kg
SPEED (m/s)	1.75 m/s
No. of Floors	9
Year of Installation	1976
Year of Modification	2004

PGA 06.13B INSTALLATION 13B: NEW REVENUE OFFICES – JE2804

LIFT NO.	JE2804
MANUFACTURE (OEM)	Schindler
CONTROLLER	Miconic MX
MACHINE TYPE	AC VVVF
LOAD (kg)	1135kg
SPEED (m/s)	1.75 m/s
No. of Floors	9
Year of Installation	1976
Year of Modification	2004

PGA 06.13C INSTALLATION 13C: NEW REVENUE OFFICES – JE2805

LIFT NO.	JE2805
MANUFACTURE (OEM)	Schindler
CONTROLLER	Miconic MX
MACHINE TYPE	AC VVVF
LOAD (kg)	1135kg
SPEED (m/s)	1.75 m/s
No. of Floors	9
Year of Installation	1976
Year of Modification	2004

PGA 06.13D INSTALLATION 13D: NEW REVENUE OFFICES – JE2806

LIFT NO.	JE2806
MANUFACTURE (OEM)	Schindler
CONTROLLER	Miconic MX
MACHINE TYPE	AC VVVF
LOAD (kg)	1135kg
SPEED (m/s)	1.75 m/s
No. of Floors	9
Year of Installation	1976
Year of Modification	2004

PGA 06.13E INSTALLATION 13E: NEW REVENUE OFFICES – JE2807

LIFT NO.	JE2807
MANUFACTURE (OEM)	Schindler
CONTROLLER	Miconic MX
MACHINE TYPE	AC VVVF
LOAD (kg)	1135kg
SPEED (m/s)	1.75 m/s
No. of Floors	9
Year of Installation	1976
Year of Modification	2004

PGA 06.13F INSTALLATION 13F: NEW REVENUE OFFICES – JE2808

LIFT NO.	JE2808
MANUFACTURE (OEM)	Schindler
CONTROLLER	Miconic MX
MACHINE TYPE	AC VVVF
LOAD (kg)	1135kg
SPEED (m/s)	1.75 m/s
No. of Floors	9
Year of Installation	1976
Year of Modification	2004

PGA 06.13G INSTALLATION 13G: NEW REVENUE OFFICES – 01L3090

LIFT NO.	01L3090
MANUFACTURE (OEM)	Schindler
CONTROLLER	MX-GC
MACHINE TYPE	PMS240
LOAD (kg)	1275kg
SPEED (m/s)	1.6 m/s
No. of Floors	9
Year of Installation	2008
Year of Modification	None

PGA 06.14A INSTALLATION 14A: BENONI MECHANICAL SCHOOL – BE105

LIFT NO.	BE105
MANUFACTURE (OEM)	Schindler
CONTROLLER	Otis LCB II
MACHINE TYPE	3 – Bearing AC Drive
LOAD (kg)	1050kg
SPEED (m/s)	1.6 m/s
No. of Floors	5
Year of Installation	2004
Year of Modification	2012

PGA 06.14B INSTALLATION 14B: BENONI MECHANICAL SCHOOL – BE106

LIFT NO.	BE106
MANUFACTURE (OEM)	Schindler
CONTROLLER	Otis LCB II
MACHINE TYPE	3 – Bearing AC Drive
LOAD (kg)	1050kg
SPEED (m/s)	1.6 m/s
No. of Floors	5
Year of Installation	2004
Year of Modification	2012

PGA 06.14C INSTALLATION 14C: BENONI MECHANICAL SCHOOL – BE107

LIFT NO.	BE107
MANUFACTURE (OEM)	Schindler
CONTROLLER	Otis LCB II
MACHINE TYPE	3 – Bearing AC Drive
LOAD (kg)	1050kg
SPEED (m/s)	1.6 m/s
No. of Floors	5
Year of Installation	2004
Year of Modification	2012

PGA 06.14D INSTALLATION 14D: BENONI MECHANICAL SCHOOL – BE129

LIFT NO.	BE129
MANUFACTURE (OEM)	Schindler
CONTROLLER	Otis LCB II
MACHINE TYPE	3 – Bearing AC Drive
LOAD (kg)	910kg
SPEED (m/s)	1.6 m/s
No. of Floors	7
Year of Installation	2004
Year of Modification	2012

3.3 C) ADDITIONAL SPECIFICATIONS

ADDITIONAL SPECIFICATION

SA GENERAL MAINTENANCE

CONTENTS

SA 01	SCOPE
SA 02	MAINTENANCE REQUIREMENTS
SA 03	MAINTENANCE CONTROL
SA 04	COMMUNICATION
SA 05	PERFORMANCE MEASUREMENT
SA 06	MEASUREMENT AND PAYMENT

SA 01 SCOPE

Maintenance of the specified systems, services and/or parts of buildings and infrastructure shall all be referred to as "Maintenance of an Installation". Maintenance of all completed installations shall ensure reliable functioning and optimum service life thereof. Commencement of maintenance of each installation shall mean that the installation has been repaired to its original level of serviceability and shall leave the Contractor with a functional installation to maintain for the remaining period of the 36-month Contract.

Monthly maintenance responsibilities for each installation including all units and components as specified shall commence with access to the site. A difference shall be made in payment for the maintenance prior to and after practical completion of repair work.

Maintenance of an installation shall be performed in accordance with the Technical and Particular Specifications, the Operating and Maintenance Manuals (where applicable) and the Maintenance Control Plan.

Remuneration for maintaining "installations" (systems, services and/or buildings and parts of the infrastructure) in perfect functional condition is provided for in the Schedules of Quantities by means of monthly payment items.

This Additional Specification covers maintenance requirements, development of a maintenance control plan, identification of equipment, site maintenance administration, maintenance performance measurement, as well as the items for measurement of the Contractor's service level and resulting payment.

SA 02 MAINTENANCE REQUIREMENTS

SA 02.01 CONTRACTOR'S RESPONSIBILITIES

The Contractor shall maintain the complete installations for the 36-month Contract period.

Maintenance implies and shall include monthly routine preventative maintenance, corrective maintenance, as well as breakdown maintenance on all components of the specified installations.

The maintenance control plan (specified in Clause SA 03) will be developed by the Contractor, to schedule the frequency of routine inspections and format of reports. The Contractor shall carry out inspections on the equipment as detailed in the Technical and Particular Specifications and the maintenance control plan. Each inspection, test or breakdown shall be recorded in an approved format and listed in a quarterly report (part of the maintenance control plan).

As part of repair of each installation, the Contractor shall submit a set of Operating and Maintenance Manuals where applicable. The Contractor shall ensure through training that the operating and maintenance personnel are conversant with the instructions as presented in the Operating and Maintenance Manuals. Continued training shall be included in the scope of maintenance work for the duration of the 36-month Contract, in accordance with Additional Specification SD: General Training.

The Operating and Maintenance Manuals, as approved by the Engineer, shall be used as a basis of routine preventative maintenance. The Contractor shall perform all routine preventative and corrective maintenance as described in the Operating and Maintenance Manuals. This shall be in accordance with the Technical and Particular Specifications.

The Contractor shall, as part of his maintenance responsibilities repair or replace faulty equipment upon logging of a breakdown, within the down-time as defined in Clause SA 05.02 at the Contractor's cost, except in the event of replacement being labelled as exceeding liability as specified in Clause 63 of the Project Specific Conditions of Contract, in which case the Department of Public Works will bear part of the costs.

The Contractor shall rectify any faulty condition of which he becomes aware, even if it has not been logged. Such rectification shall also be logged and listed in the quarterly report.

SA 02.02 CONDITIONS FOR EXCEEDING THE CONTRACTOR'S LIABILITY DUE TO MALICIOUS DAMAGE BREAKDOWNS

In the event of damage caused to the installation or any part thereof, the repair and/or replacing of necessary parts of the damaged installation shall be performed by the Contractor. Where repair work is necessitated as a result of malicious damage caused by User Clients or their associates, the Contractor will be requested to:

- (a) perform work, using tendered rates for the supply, delivery and installation of material forming part of the repair work schedule, within the maximum down-time allowed for malicious damage, where the Engineer rules that the damage has been caused maliciously;
- (b) submit one (1) quotation for repair and/or replacement of the damaged unit, where tendered rates are not available and where the Engineer rules that the damage has been caused maliciously;
- (c) perform the work on receipt of an order from the Engineer, within the time offered as part of the quotation, and
- (d) notify the Engineer well in advance of completion of the repair work in order to enable inspection.

The responsibility of determining whether damage to the installation was caused maliciously by people other than the Contractor shall rest with the Engineer.

SA 02.03 CONDITIONS FOR EXCEEDING THE CONTRACTOR'S LIABILITY ABOVE MARGINAL BREAKDOWN COST

In the event where the cost for the repair or replacement of any single component/subassembly or where a breakdown has occurred due to a single failure, or where the cost for replacing a single item of equipment completely, exceeds the value of R10 000,00 (transport, accommodation and travelling cost excluded), the liability of the Contractor is limited to the value of R10 000,00. The additional cost above the value of

R10 000,00 will be paid for by the Employer provided that conditions 1, 2 and 3 below have been met.

1. The defective part/component/subassembly or machine must be identifiable as a single subassembly or component and not the total of a number of small defects or breakdowns on subassemblies/components on any one or more machines.

Examples of subassemblies/components are the following:

- (a) Should the wiring or bearings on an electric motor fail, the complete motor must be removed for repairs and the cost for the repairs on the complete motor will be regarded as repairs on a single subassembly/component.
 - (b) A starter motor, for example, is a subassembly, which can be removed from the machine for repairs. The repairs on the starter motor together with the repairs on the main bearings will not be regarded as a repair on a single subassembly/component. If the complete diesel engine is replaced with its associated subassemblies the replacement of the complete unit will be regarded as a single component.
 - (c) A pump as a whole is regarded as a single component. The pump and driving machine on long coupled pumps are regarded as separate subassemblies. Pumps and motors on close-coupled equipment are regarded as a single component. The pump and motor of a sump pump are therefore regarded as a single component.
 - (d) Control equipment for the control of a single item, with the sensing device, the controller itself and the final controlled variable are regarded as a single component of the system. The repairs on any one item on a controller have an influence on the rest of the control equipment and must after the replacement be commissioned again as a unit.
2. The Contractor shall submit a written report to the Engineer for approval. This report shall contain the following information:
 - (a) The make and model number of the machine serviced/inspected/ repaired/replaced;
 - (b) The identification number of the machine;
 - (c) A description or name and part number of the defective part/component or subassembly;
 - (d) A statement on whether the component could be repaired, together with a cost estimate;
 - (e) A quotation valid for a minimum period of 60 days if the component/part/subassembly has to be replaced or repaired by an outside firm. If the subassembly/machine is to be repaired or replaced by an outside company, the Contractor shall supply one (1) quotation for such parts/repairs or a quotation from any sole supplier. Only an original quotation will be accepted. The mark-up on such work shall be a percentage as tendered and shall be applicable to the total cost (VAT excluded) of repair work by outside companies;
 - (f) The expected urgency for the replacement or repairs, and
 - (g) The delivery time of a new component/subassembly/machine or delivery times on spares required to repair the defective component/ subassembly.
3. A written approval to proceed with the work must be issued by the Department. Copies of the original VAT invoices from outside companies for all repairs or spare parts supplied must be attached to the Contractor's invoice.

SA 02.04**COMPONENTS INCLUDED IN MAINTENANCE SCOPE**

The following main sections with its subsections as set out in the Technical Specifications and Particular Specifications where applicable and in the Schedule of Quantities will each be deemed "an installation". Maintenance, as specified, will be applicable to all of these installations:

SCHEDULE A: INSTALLATIONS

INSTALLATION 3A: TRIOMF HERDERSHOF POLICE STATION - JE5737
INSTALLATION 3B: TRIOMF HERDERSHOF POLICE STATION - JE5740
INSTALLATION 4A: PNEUMOCONIOSIS – 01L2436
INSTALLATION 4B: PNEUMOCONIOSIS – 01L2437
INSTALLATION 5A: SAP DISTRICT HEAD QUARTERS ROODERPOORT – JE7562
INSTALLATION 5B: SAP DISTRICT HEAD QUARTERS ROODERPOORT – JE7563
INSTALLATION 6A: PUBLIC OFFICES ROODEPOORT – 01L3030
INSTALLATION 7A: SAPS VEREENIGING – 01L2844
INSTALLATION 8A: SAPS FLATS BENONI – 01L3032
INSTALLATION 8B: SAPS FLATS BENONI – 01L3033
INSTALLATION 9A: PWD STORES – 01L3633
INSTALLATION 9B: PWD STORES – 01L3634
INSTALLATION 10A: SAP KRUGERSDORP – 01L2441
INSTALLATION 10B: SAP KRUGERSDORP – 01L2442
INSTALLATION 11A: HARRISON STREET GOVERNMENT OFFICES – 01L2845
INSTALLATION 11B: HARRISON STREET GOVERNMENT OFFICES – 01L2846
INSTALLATION 11C: HARRISON STREET GOVERNMENT OFFICES – 01L2847
INSTALLATION 11D: HARRISON STREET GOVERNMENT OFFICES – 01L2848
INSTALLATION 11E: HARRISON STREET GOVERNMENT OFFICES – JE2792
INSTALLATION 12A: JOHANNESBURG CENTRAL POLICE STATION – 01L5110
INSTALLATION 12B: JOHANNESBURG CENTRAL POLICE STATION – 01L5111
INSTALLATION 12C: JOHANNESBURG CENTRAL POLICE STATION – 01L5108
INSTALLATION 12D: JOHANNESBURG CENTRAL POLICE STATION – 01L5107
INSTALLATION 13A: NEW REVENUE OFFICES – JE2803
INSTALLATION 13B: NEW REVENUE OFFICES – JE2804
INSTALLATION 13C: NEW REVENUE OFFICES – JE2805
INSTALLATION 13D: NEW REVENUE OFFICES – JE2806
INSTALLATION 13E: NEW REVENUE OFFICES – JE2807
INSTALLATION 13F: NEW REVENUE OFFICES – JE2808
INSTALLATION 13G: NEW REVENUE OFFICES – 01L3090
INSTALLATION 14A: BENONI MECHANICAL SCHOOL – BE105
INSTALLATION 14B: BENONI MECHANICAL SCHOOL – BE106
INSTALLATION 14C: BENONI MECHANICAL SCHOOL – BE107
INSTALLATION 14D: BENONI MECHANICAL SCHOOL – BE129

SA 02.05**COMMENCEMENT OF MAINTENANCE PERIOD**

The Contractor shall accept full maintenance responsibilities for each completed installation upon issue of a Certificate of Practical Completion for repair work of that installation.

Maintenance responsibilities for an installation prior to practical completion of repair work shall include maintenance of all individual units, equipment or components thereof, for which no repair work is required, and shall commence with access to the site.

The preliminary construction programme differentiates between commencements of maintenance on various installations.

SA 02.06**ROUTINE PREVENTATIVE MAINTENANCE: DEFINITION**

This entails the rendering of services and servicing of equipment according to a predetermined maintenance control plan to:

- (a) replace and service components of equipment, units or parts thereof for each installation at prescheduled moments regardless of condition;
- (b) readjust, reset, clean, corrosion protect all components of equipment, units or parts thereof for each installation, and
- (c) all implied actions to maintain installations in a perfect functional condition.

Routine preventative maintenance shall be aimed at minimisation of breakdowns.

SA 02.07 CORRECTIVE MAINTENANCE: DEFINITION

This entails regular observation of the equipment, identifying pending breakdowns, maladjustment or anomalies of equipment, units or parts of installations and subsequent action to restore installations to the original functional condition as specified.

SA 02.08 BREAKDOWN MAINTENANCE: DEFINITION

This entails repair and/or replacement of defective equipment, units or parts of installations following a breakdown that leaves the installation inoperable or unsafe, and subsequent action to restore installations to the original functional condition as specified, within the maximum down-time allowed.

SA 02.09 SITE MAINTENANCE RECORD KEEPING

The Contractor shall provide and maintain hard-cover A4 maintenance files for each installation for the duration of the Contract. All schedules, checklists, breakdown reports, preventative maintenance records, component replacement records and quarterly reports shall be filed, together with information regarding repairs exceeding the Contractor's liability, as set out in SA 02.02 and SA 02.03.

Site maintenance records shall be submitted at each monthly meeting.

SA 02.10 SUPPLY OF LABOUR, EQUIPMENT AND MATERIAL

SA 02.10.01 Labour

Competent personnel that have been trained by the Contractor, in accordance with Additional Specification SD: General Training shall execute all maintenance work.

SA 02.10.02 Equipment

All tools and equipment required for maintenance work shall be supplied by the Contractor at his cost (except where otherwise provided).

SA 02.10.03 Material

All material, spare parts, components, equipment and appurtenances necessary for the complete maintenance of each installation shall be supplied and installed by the Contractor at his cost, to a maximum value per part/subassembly as specified in the Special Conditions of Contract for exceeding Contractor's Liability.

Materials as provided for in the Schedule of Quantities, shall be supplied and delivered by the Contractor at the tendered rates upon order of the Engineer only, and shall be free-issued to the User Client for own use. The Contractor shall inform the Engineer of all scheduled deliveries to arrange official hand-over with the User Client.

SA 02.11 IDENTIFICATION OF EQUIPMENT

A unique identification number will be allocated to each equipment item forming part of the installation. This identification number will be allocated and administered in collaboration with the User Client and must be described in the maintenance control plan.

Reference shall be made to identification numbers in the maintenance control plan, operating and maintenance manuals and during all maintenance activities, including the logging of breakdowns and other correspondence. Identification numbers shall also be indicated on as-built drawings.

SA 03 MAINTENANCE CONTROL

SA 03.01 SCOPE

Maintenance quality control shall be the responsibility of the Contractor. The Contractor shall introduce a maintenance control plan to ensure that preventative, corrective and breakdown maintenance are performed as described in the operating and maintenance manuals and Technical and Particular Specifications.

SA 03.02 PRELIMINARY MAINTENANCE CONTROL PLAN

A preliminary version of the maintenance control plan must be submitted with the programme. Detail contained in this preliminary maintenance control plan must include:

- (a) Actual time that a representative of the Contractor will be present on Site for the duration of the maintenance period;
- (b) the scope and frequency of routine inspections, and
- (c) repair methodology.

SA 03.03 MAINTENANCE CONTROL PLAN

The maintenance control plan will be based on the Contractor's preliminary maintenance control plan, and will be extended to provide for:

- (a) Scheduled routine preventative maintenance actions;
- (b) monthly meetings of the Department of Public Works, the User Client, Contractor and Engineer;
- (c) reports to be submitted after every routine inspection;
- (d) procedures to address complaints and logged breakdowns;
- (e) quarterly reports, summarising all inspections, together with inspection data such as nature of test, names of persons carrying out tests and inspection results. Detail of repairs and replacements, together with testing of repaired equipment shall also be reflected in this report, and
- (f) assistance by the Engineer with decisions regarding material, equipment and other recommendations.

The codes of practice as set out in ISO 10006 and ISO 9004 for quality systems and management shall be used as a guideline for compiling a maintenance control plan. ISO accreditation is not a requirement in terms of this Contract.

SA 04 **COMMUNICATION**

The maintenance control plan (Clause SA 03) will provide, after agreement between the Contractor and the Engineer, for the following communication and complaint logging procedure:

- (a) The Contractor shall establish a telephone and fax line and a cellular telephone connection to ensure that he can be reached at any time.
- (b) The Contractor shall primarily be responsible for determining the items requiring preventative, corrective and breakdown maintenance, and shall communicate this information directly to his maintenance workforce.
- (c) Should the Engineer or operating personnel of the User Client determine or suspect that preventative, corrective or breakdown maintenance is required, a call shall be logged through the call centre to reach the Contractor as soon as possible.
- (d) Reaction times will be as described in Clause SA 05.02.
- (e) All complaints of the User Client shall be reported to the Engineer via the call centre, as set out in the maintenance control plan, and the Engineer shall issue instructions to the Contractor. After the Contractor has attended to the complaint, the Engineer will provide feedback to the call centre both telephonically and via fax.

The call centre logs the details of the Engineer's call and provides feedback to the complainant.

SA 05 **PERFORMANCE MEASUREMENT**

The Contractor's performance shall be measured against the following parameters:

SA 05.01 **SPECIAL TESTING OF AN INSTALLATION**

The Engineer may at any time inspect any part of the entire installation. During Maintenance work, the Engineer shall at his discretion order special tests to be carried out on complete installations, at intervals of not less than four months, to verify the satisfactory functional condition of the installation.

The Engineer reserves the right to select at random component equipment and trade practices to be tested by independent authorities for compliance with specifications as specified in this contract document.

The Contractor shall provide all equipment, tools and instruments required for testing.

SA 05.02 **MAXIMUM MAINTENANCE DOWN-TIME**

After a complaint has been logged and forwarded to the Contractor, the Contractor shall be expected to minimise the maintenance down-time until the system component is fully operational to the satisfaction of the Engineer. Should the Contractor not respond within the maximum down-time, the Engineer may arrange, at the cost of the Contractor, for the necessary repair work to be done by others.

Should the actual down-time exceed the maximum down-time the Contractor shall be liable to a payment reduction for the difference between actual down-time and maximum down-time. This is reflected in the table below:

REQUIRED MAINTENANCE	MAXIMUM DOWN-TIME ALLOWED	PAYMENT REDUCTION IF EXCEEDED
Fatal breakdown (where specified)	Zero (immediate response)	R500/hour
Emergency Breakdown	48 hours	R250/day
Ordinary Breakdown	7 days	R500/day
Malicious damage repair	7 days	R250/day

"Maximum down-time" shall mean the period of time allowed to repair a breakdown, and "actual down-time" shall mean the measured period from the instant when the breakdown was logged with the Contractor until the installation has been repaired to its functional specification.

"Immediate response repairs" shall imply breakdown maintenance repair work where no breakdowns are allowed at any time in terms of the Technical Specification.

"Emergency maintenance repairs" shall imply any breakdown maintenance repair work required to rectify a component or unit of the installation that disables the installation from functioning at its designed maximum requirement in terms of the Technical Specification.

"Ordinary maintenance repairs" shall imply all breakdown maintenance repair work required other than immediate response or emergency maintenance repairs.

SA 05.03 PERFORMANCE-BASED PAYMENT

SA 05.03.01 Score-card

The Engineer shall inspect each installation monthly after Practical Completion of the installation. The Engineer shall use a score-card to measure the quality of routine preventative and corrective maintenance on all components that form part of the installation, in accordance with the maintenance specifications. The Engineer will record his inspection directly onto the score-card. The score-card shall serve to evaluate ten performance indicators each month. The Contractor shall always have the opportunity to score the maximum points, provided that his routine preventative and corrective maintenance work comply with the Specifications. The Employer shall be protected against a reduced or unsatisfactory service level and may refuse payment on such points.

SA 05.03.02 Performance indicators

Performance indicators shall be selected to measure the Contractor's service level of routine preventative and corrective maintenance.

The Contractor and the Engineer shall each have the opportunity to select five (5) performance indicators each month, which shall focus on the measurement of maintenance quality against the relevant specifications for the ensuing month.

The Contractor shall aim to perform satisfactorily on at least ten performance indicators. The Contractor shall have knowledge of all ten selected performance indicators. All indicators shall be selected from the scope of his normal routine preventative and corrective maintenance work and shall be based on the maintenance control plan and operating and maintenance manuals. The work shall either be satisfactory, or unsatisfactory, and the Contractor shall score 1 or zero respectively per indicator. Performance indicators shall be used to focus on certain key aspects of the work and shall in no way limit the Contractor's responsibility to do all the required work.

SA 05.03.03 Satisfactory performance

The Engineer shall inspect the site on an arbitrary day to measure the quality of maintenance against the ten selected performance indicators. Should the Contractor score the maximum points (10) he shall receive his full maintenance payment for the installation. Should the quality of routine preventative maintenance, or components requiring persistent corrective maintenance be unsatisfactory according to the score-card, the Contractor may fail to achieve full payment due to a reduced service level. Each monthly payment for maintenance shall be subject to evaluation based on the score-card.

A copy of the score-card including a guideline for the use thereof is included in this Specification.

SA 06 MEASUREMENT AND PAYMENT

SA.01 Maintenance of a completed installation.....Unit: point

The unit of measurement shall be a point. Each month shall represent a maximum of ten points and a minimum of zero points, depending on the performance and quality of maintenance. Ten points per month at the tendered rate shall include full compensation for the complete monthly maintenance of an entire installation after practical completion of repair work, and all appurtenant works deemed to form part thereof, as defined in the relevant Technical or Particular Specifications.

Ten points per month at the tendered rate shall also include full compensation for complete preventative, corrective and breakdown maintenance (as defined in this General Maintenance Specification), including full compensation for all costs related to resetting, repair, procurement, supply, delivery, replacement, protecting, furnishing, installing, testing and commissioning of all items and material required to maintain the complete installation in a perfect functional condition. The only items not to be included in the rate for monthly maintenance points are:

1. Supply, delivery, installation and testing of special equipment/materials that will be measured elsewhere, and
2. Special testing of an installation.

Different installations shall be listed in the Schedule of Quantities, in accordance with the definition of each installation.

Although ten points per month shall include full compensation for routine preventative, corrective and breakdown maintenance, the Contractor might fail to achieve all points applicable in the event of unsatisfactory performance, in which case he shall still perform all maintenance requirements according to specification, but at his own cost where a reduction in points awarded is insufficient to cover his cost.

Remuneration for all value-related as well as all time-related preliminary and general charges shall be deemed included in the monthly maintenance payments for the various installations.

SA.02 Maintenance of an installation prior to practical completion.....Unit: point

The unit of measurement shall be a point. Each month shall represent a maximum of ten points and a minimum of zero points, depending on the quality of maintenance. Ten points per month at the tendered rate shall include full compensation for the monthly maintenance of an incomplete installation until practical completion of the repair work thereof.

Ten points per month at the tendered rate shall include full compensation for routine preventative, corrective and breakdown maintenance (as defined in this General Maintenance Specification) of all units, equipment and/or components thereof that require no initial repair work in terms of the complete installation. As repair work progresses, maintenance responsibilities shall be extended to include those units, equipment or parts thereof that have been serviced, repaired or reconditioned.

Different installations shall be listed in the Schedule of Quantities, immediately below maintenance of a completed installation. The total number of points for maintenance of a completed installation plus maintenance of the same installation prior to practical completion shall be 360.

Although ten points per month shall include full compensation for routine preventative corrective and breakdown maintenance, the Contractor might in the event of unsatisfactory performance fail to achieve all points applicable, in which case he shall still perform all maintenance requirements according to specification, but at his own cost where a reduction in points awarded is insufficient to cover his cost.

SA.03 Additional tests:

SA.03.01 Where ordered by the Engineer.....Unit: rand (R)

SA.03.02 Charge required by the Contractor on subitem SA.03.01 aboveUnit: %

An amount has been allowed in the Schedule of Quantities to cover the cost of additional tests required by the Engineer. The Engineer will have the sole authority to spend the amount or part thereof under subitem SA.03.01.

The tendered percentage under subitem SA.03.02 will be paid to the Contractor on the value of each payment made to the approved testing authority.

SA.04 Payment reduction due to exceeding of maximum allowable down-time during fatal breakdownUnit: hours

The unit of measurement shall be the number of hours during which a component of an installation was in a dysfunctional condition and required immediate response repairs.

The negative fixed rate shall include full compensation for the User Client's loss in productivity and, multiplied by the number of hours measured, shall be deducted from the certified amount due to the Contractor.

SA.05 Payment reduction due to exceeding of maximum allowable down-time during emergency breakdown.....Unit: days

The unit of measurement shall be the number of days, in excess of 48 hours, during which a component of an installation was in a dysfunctional condition that required emergency repairs.

The negative fixed rate shall include full compensation for the User Client's loss in productivity and, multiplied by the number of days measured, shall be deducted from the certified amount due to the Contractor.

SA.06

Payment reduction due to exceeding of maximum allowable

down-time during ordinary breakdownUnit: days

The unit of measurement shall be the number of days, in excess of 7 days, during which a component of an installation was in a dysfunctional condition that required ordinary repairs.

The negative fixed rate shall include full compensation for the User Client's loss in productivity and, multiplied by the number of days measured, shall be deducted from the certified amount due to the Contractor.

SA.07

Payment reduction due to exceeding of maximum allowable

down-time during malicious damage breakdown Unit: days

The unit of measurement shall be the number of days, in excess of 7 days, during which a component of an installation was in a dysfunctional condition that required ordinary repairs.

The negative fixed rate shall include full compensation for the Client's loss in productivity and, multiplied by the number of days measured, shall be deducted from the certified amount due to the Contractor.

**DEPARTMENT OF PUBLIC WORKS
MAINTENANCE SCORE-CARD**



CONTRACT NUMBER: WCS _____

CONTRACT: _____

CONTRACTOR
:

ENGINEER: _____

INSTALLATION: **MONTH:** **OF 36**

The following components of the installation were selected by the contractor at the Monthly Maintenance Meeting
nr. as performance indicators to be tested according to specification:

1. CONTRACTOR'S SELECTION

- 1.1 _____
1.2 _____
1.3 _____
1.4 _____
1.5 _____

SUBTOTAL:

0	1

The following components of the installation were selected by the Engineer as performance indicators to be tested
According to specification:

2. ENGINEER'S SELECTION

- 2.1 _____
2.2 _____
2.3 _____
2.4 _____
2.5 _____

SUBTOTAL:

TOTAL SCORE:

--	--

D	D	/	M	M	/	Y	Y
---	---	---	---	---	---	---	---

Engineer's Representative

Signature

Date

GUIDELINE FOR THE USE OF THE MAINTENANCE SCORE-CARD

The score-card and performance indicators must be used as a maintenance management tool. The aim with each score-card is to ensure that:

- (a) the project focuses on key aspects of maintenance per month;
- (b) the Contractor receives payment for his work, and
- (c) the Employer receives value for money and a sustained high level of service.

Performance indicators must be selected to measure the Contractor's service level of routine preventative and corrective maintenance that will be based on the Maintenance Control Plan and the Operating and Maintenance Manuals (containing information specified in the Contract documentation).

For each specific installation, different performance indicators must be defined each month based on the content of the maintenance in relation to the scope of maintenance work per installation and must be based on the Contractor's service level record on routine preventative and corrective maintenance.

Breakdown maintenance is excluded from the score-card's scope of measurement. Breakdowns must be dealt with if and when necessary by logging of the breakdown and monitoring the downtime.

The Contractor and the Engineer must agree on all performance indicators at an occasion prior to the month during which the Contractor's performance (service level of maintenance) will be measured.

ADDITIONAL SPECIFICATION

SB OPERATING AND MAINTENANCE MANUALS

CONTENTS

SB 01	SCOPE
SB 02	PROCEDURE FOR SUBMISSION OF MANUALS
SB 03	FORMAT OF OPERATING AND MAINTENANCE MANUALS
SB 04	CONTENTS
SB 05	MEASUREMENT AND PAYMENT

SB 01 SCOPE

The Contractor shall be responsible for the compilation of complete sets of Operating and Maintenance Manuals. A separate Operating and Maintenance Manual shall be supplied for each installation where required and as defined in the Additional Specification SA: General Maintenance.

SB 02 PROCEDURE FOR SUBMISSION OF MANUALS

SB 02.01 SUBMISSION OF DRAFT MANUALS

A draft copy of each Operating and Maintenance Manual shall be submitted to the Engineer prior to safety inspection of the installation. Approval of the draft Operating and Maintenance Manuals shall be a prerequisite for commencement of the safety inspection in terms of the Occupational Health and Safety Act, 1993 (Act No. 85 of 1993)

The manuals will be reviewed and checked by the Engineer and returned to the Contractor with comments, where necessary. The Contractor shall make the necessary changes and amendments to the manuals to incorporate the Engineer's comments.

SB 02.02 DEVELOPMENT OF FINAL MANUALS

A final draft copy of each Operating and Maintenance Manual shall be submitted to the Engineer at least one week prior to commencement of Day 1 tests on commissioning. This set of manuals will not be accepted without the Contractor's verification of the information contained in the manuals and the professional language editing thereof. The Engineer shall return the manuals to the Contractor, who shall make the final corrections. The Engineer will, however, not be responsible for the quality control on manuals. Approval of final Operating and Maintenance Manuals shall be a prerequisite for issuing of a Certificate of Practical Completion for repair of the installation.

After the Engineer has approved the final Operating and Maintenance Manuals, the Contractor shall provide the Engineer with seven (7) sets of the manuals. Approval of the final Operating and Maintenance Manuals shall be a prerequisite for issuing of a Certificate of Completion.

SB 03 FORMAT OF OPERATING AND MAINTENANCE MANUALS

- (a) Manuals shall be bound in hardcover lever-arch files with plastic coatings. The files shall be clearly labelled on the front cover, as well as on the back band, with the following information:
 - (i) The title "Operating and Maintenance Manuals"
 - (ii) Name of the installation (as defined in Additional Specification SA: General Maintenance)
 - (iii) Name of the contract and contract number
 - (iv) The Contractor's name, address and contact telephone number and fax (logo optional)
 - (v) Month and year in which the manuals are finally handed over to the Employer
 - (vi) Name of the User Client.
- (b) Pamphlets and bound leaflets/booklets from suppliers or manufacturers shall be placed in plastic pockets.
- (c) Drawings and diagrams larger than A3 shall be folded and placed in plastic pockets to be easily removed or stored.
- (d) The sections of the manuals specified below shall be clearly partitioned.
- (e) Cross-referencing between drawings/diagrams and text shall be in a clear and consequent format.
- (f) The Operating and Maintenance Manuals shall be supplied in English.

SB 04 CONTENTS**SB 04.01 TABLE OF CONTENTS**

The table of contents shall appear on the second page and shall consist of the headings of the various sections in the manual and the relevant page numbers.

The table of contents shall essentially contain at least the following:

- 1. Introduction
 - 1.1 Scope of the manual
 - 1.2 General arrangement of the manual
 - 1.3 Description of installation
 - 1.4 Specifications
- 2. List of drawings and diagrams
- 3. Parts and components
- 4. Operating procedures

5. Maintenance
 - 5.1 Purpose of maintenance
 - 5.2 Preventative maintenance
 - 5.3 Trouble-shooting
6. Breakdown maintenance and repair
7. List of Appendices.

SB 04.02 INTRODUCTION

The introduction shall contain at least the following:

SB 04.02.01 Scope of the manual

A summary shall explain the scope of the contents.

SB 04.02.02 General arrangement of the manual

A brief description shall explain the way in which the manual is arranged.

SB 04.02.03 Description of installation

This section shall give a functional description of the complete installation covered by the manual, including all systems and/or functional units deemed to form part thereof, as defined in Additional Specification SA: General Maintenance.

SB 04.02.04 Specifications

A summary shall be given of the specifications applicable to the particular part of the Contract.

SB 04.03 DRAWINGS AND DIAGRAMS

SB 04.03.01 Mechanical flow diagrams (MFDs) and single line diagrams

Mechanical flow diagrams (for mechanical systems) or single line diagrams (for electrical systems) of the system and/or functional unit shall be included in the Operating and Maintenance Manuals for easy reference by the operators of the installation. Diagrams shall be drawn not only for parts of an installation that have been repaired, but also for the complete installation, including all the components.

SB 04.04 PARTS AND COMPONENTS

SB 04.04.01 Equipment data sheets

A data sheet shall be drawn up for each piece of equipment and/or machine forming part of the installation and shall contain the following information:

- (a) Equipment tag number
- (b) Equipment description
- (c) Model/make/manufacture
- (d) Supplier/Reconditioning details
- (e) Ordering details

- (f) Details of fixed components
- (g) Details of lubrication
- (h) Maintenance references (refer to supplier/reconditioning technical manual).

SB 04.04.02 Technical equipment manuals

For each piece of equipment and/or machine forming part of the installation the following information shall be included in this section of the Operating and Maintenance Manuals:

- (a) the supplier or reconditioning manual and/or standards of operating and maintenance instructions;
- (b) illustrated parts breakdown and/or group assembly drawings as agreed with the Engineer;
- (c) parts lists and data sheets, including all characteristic curves for machines indicating operation point, efficiency, power consumption, etc;
- (d) calibration charts, and
- (e) test certificates for hydraulic pressure tests, flame-proof grading, materials, non-destructive examinations, coating and lining details, etc.

Each detailed description shall be accompanied by a set of engineering drawings. From the drawings the functionality of each part or component used, as well as the special characteristics associated with the part or component shall be very clear.

SB 04.04.03 Parts and components list

A detailed description shall specify all the parts and components used for the duration of the Contract. This description shall include new parts and components, as well as existing parts and components that have either been reconditioned or used as specified in the Contract.

The description shall state at least the part or component number, part or component name, the size of the part or component, an explanatory description, the quantity used, the material of which the part or component is made, the coating (if any), date of purchase, as well as any relevant remarks as to the application thereof.

Details of the manufacturer of the part or component shall also be listed. This shall at least state the name, address, telephone number, fax number and name of a contact person.

The supplier of the part or component shall also be stated and shall include at least the name, address, telephone number, fax number, name of a contact person and an alternative supplier (if available).

SB 04.04.04 Drawings

Drawings shall contain a descriptive heading, an explanatory key and relevant comments. Drawings shall be done on a computer-aided design package approved by the Engineer.

A compound drawing for all subassemblies shall clearly indicate how and where the various parts fit in the subassembly. The compound drawing shall be linked to the equipment data sheets and parts and components list and shall clearly specify the parts or components used, their model numbers, their sizes and the quantities used. The compound drawings shall also be accompanied by a short description explaining the workings of the subassembly, as well as the assembly of the parts or components to complete the subassembly.

SB 04.05 OPERATING PROCEDURES

The operating instructions shall be a step by step description of the manual start-up and shut-down procedure for every piece of equipment and/or process reconditioned, repaired or supplied with references to the MFDs. For automatic operation the operators shall be referred to the automatic control manual (if applicable).

The functioning of the installation shall be clearly described, using a flow diagram depicting the interrelationships among the various subassemblies. The subassemblies shall be described by descriptive drawings.

Each mechanical or process flow diagram shall contain at least a heading, relevant comments and a key.

Every subassembly shall also have its own flow diagram explaining the operation of the subassembly, as well as the application of each part and component. The application of the subassembly shall also be very clear. The flow diagram shall consist of at least a heading, relevant comments and an explanatory key.

A detailed description shall be given of all operational systems forming part of the installation, explaining the operation and functioning of the system and the number of operations personnel required for performing the operation successfully.

The preparations, which are required before the system can be operational, shall be clearly stated and explained.

The operation tasks shall be clearly explained with reference to dangerous situations that might occur. Hazardous operations shall be explained in great detail and cover all the applicable safety precautions.

SB 04.06 MAINTENANCE**SB 04.06.01 Purpose of maintenance**

The maintenance process shall be explained and the main responsibilities described.

SB 04.06.02 Preventative maintenance

A preventative maintenance and lubrication schedule shall be included in this section. This schedule shall be in table format and shall include a summary of all the maintenance actions required for each different system and/or functional unit covered by this manual, in order to give a single summary of all routine preventative maintenance actions required for the complete installation.

The schedule shall indicate daily, weekly, fortnightly, monthly and yearly maintenance actions. A lubrication schedule summary shall also be included under this section.

The frequency of routine preventative maintenance actions shall be indicated very clearly.

The Contractor shall provide the maintenance requirements as prescribed by the manufacturer. The type of maintenance shall be clearly indicated. The description of the maintenance to be performed shall include at least the part name, location of the part in either the assembly or subassembly, the model number, the quantity of the particular part or component to be maintained, the type of maintenance, and notes on the maintenance procedure.

A brief description shall accompany the maintenance schedule, indicating special tools to be used, maintenance and test equipment required for the test procedures. Any special tools necessary for maintenance shall be specified in terms of name, model, size, manufacturer, supplier (name, telephone number, fax number, contact person), coating (if any) and notes on the use of the equipment.

Remarks on the system readiness checks of each subassembly shall be explained in detail. Routine inspection and maintenance processes shall be described. It shall be very clear what needs to be done, how to perform the necessary task and any dangers that are present.

SB 04.06.03 Trouble-shooting

An explanation shall be given to assist the maintenance personnel in analysing and resolving malfunctions that might occur. Various scenarios with possible causes and rectification procedures shall be explained.

The scenarios shall be accompanied by drawings indicating the position of the part that is faulty. Each of these drawings shall have a heading, comments and an explanatory key.

SB 04.07 BREAKDOWN MAINTENANCE AND REPAIR

The Contractor shall describe the complete procedure to be followed in the event of a breakdown. It shall be very clear what the operating personnel should look for, how to eliminate any dangers due to the breakdown (eg electricity must be shut off in the event of problems with the wiring) and who should be contacted. The Contractor shall supply the names and telephone numbers of at least two contact persons who may be contacted in the event of a breakdown.

The Contractor shall refer to Additional Specification SA: General Maintenance, to determine the reaction time for the repair to the breakdown.

Repair instructions shall provide the maintenance personnel with detailed instructions for the removal and/or replacement of any item requiring replacement due to malfunctioning. Contact numbers shall also be given to assist maintenance personnel, should a breakdown occur.

The Contractor shall specify the actions expected of maintenance personnel in the event of a breakdown.

The Contractor shall also specify the testing procedures to be followed before the system can be put into operation again. Every procedure shall be described clearly and all the potential dangers pointed out, as well as the precautions that have to be taken.

The testing procedures shall be accompanied by drawings illustrating the process to be performed. Every drawing shall have a heading, comments and an explanatory key.

SB 05 MEASUREMENT AND PAYMENT

SB.01 Compile and supply a complete set of Operating and Maintenance Manuals Unit : sum

The unit of measurement shall be a sum for each complete set (seven copies) of Operating and Maintenance Manuals. Operating and Maintenance Manuals for different installations shall be measured separately in the Schedule of Quantities.

The tendered sum shall include full compensation for all technical research, gathering of information, compilation of manufacturer's instructions, compilation of drawings and diagrams, and for writing of all the descriptions, instructions and functional procedures, as well as language editing, in order to provide a clear and correct set of Operating and Maintenance Manuals.

The tendered sum shall also include full compensation for all expenses such as paper, copy work, binding and printing necessary for the completion of the manuals.

The tendered sum shall also include full compensation for the compilation of draft sets of operating and maintenance manuals in accordance with the specification, and for incorporation of all comments and corrective requirements.

SB.02 Compile and supply a complete key planUnit : sum

The unit of measurement shall be a sum for each complete set (three A0-size copies) of the key plan(s).

The tendered sum shall include full compensation for all expenses such as paper, copy work and printing required for the completion of the key plan.

The key plan shall include and comply with the following:

(a) Detail ground survey

All services must be shown on a complete key plan as required by the Engineer, including roads, fences, paving, transmission and telephone lines, etc. For sewerage reticulation and stormwater drainage systems the pipe sizes, as well as invert heights must be provided. An effort must be made to trace the routes of these services.

(b) Survey of buildings

The "footprint" of all the buildings and structures must be surveyed.

(c) General

All survey data shall be captured in electronic format (DXF).

ADDITIONAL SPECIFICATION

SH HIV/AIDS REQUIREMENTS

CONTENTS

SH 01	SCOPE
SH 02	MAINTENANCE REQUIREMENTS
SH 03	MAINTENANCE CONTROL
SH 04	COMMUNICATION
SH 05	PERFORMANCE MEASUREMENT
SH 06	MEASUREMENT AND PAYMENT

SH 01 SCOPE

This specification contains all requirements applicable to the Contractor for creating HIV/AIDS awareness amongst all of the Workers involved in this project for the duration of the construction period, through the following strategies:

- Raising awareness about HIV/AIDS through education and information on the nature of the disease, how it is transmitted, safe sexual behaviour, attitudes towards people affected and people living with HIV/AIDS, how to live a healthy lifestyle with HIV/AIDS, the importance of voluntary testing and counselling, the diagnosis and treatment of Sexually Transmitted Infections and the closest health Service Providers
- Informing Workers of their rights with regard to HIV/AIDS in the workplace
- Providing Workers with access to condoms and other awareness material that will enable them to make informed decisions about sexual practices

SH 02 DEFINITIONS AND ABBREVIATIONS

SH 02.01 DEFINITIONS

Service Provider: The natural or juristic person recognised and approved by the Department of Public Works as a specialist in conducting HIV/AIDS awareness programmes.

Service Provider Workshop Plan: A plan outlining the content, process and schedule of the training and education workshops, presented by a Service Provider which has been approved by the Representative/Agent.

Worker: A Person in the employ of the Contractor or under the direction or supervision of the Contractor or any of his Sub-contractors, who is on site for a minimum period of 30 days in total.

SH 02.02 ABBREVIATIONS

HIV	:	Human Immunodeficiency Virus
AIDS	:	Acquired Immune Deficiency Syndrome
STI	:	Sexually Transmitted Infection

SH 03 BASIC METHOD REQUIREMENT

The Contractor shall, through a Service Provider, conduct onsite workshops with the Workers

The Service Provider shall develop and compile a Service Provider Workshop Plan to be presented at the workshops and which will be best suited for this project to achieve the specified objectives with regard to HIV/AIDS awareness.

The Service Provider Workshop Plan shall be based on the following information provided by the Contractor:

- Number of Workers and Sub-contractors on site
- When new Workers or Sub-contractors will join the construction project
- Duration of Workers and Sub-contractors on site
- How the maximum number of Workers can be targeted with workshops
- How the Contractor prefers workshops to be scheduled, e.g. three hourly sessions per Worker, or one 2.5 hour workshop per Worker
- Profile of Workers, including educational level, age and gender (if available)
- Preferred time of day or month to conduct workshops
- A Gantt chart reflecting the construction programme, for scheduling of workshops
- Suitable venues for workshops

The Contractor shall submit the Service Provider Workshop Plan for approval within 21 days after the tender acceptance date. After approval by the Representative/Agent, the Contractor shall make available a suitable venue that will be conducive to education and training.

The Service Provider Workshop Plan shall address, but will not be limited to the following:

- The nature of the disease;
- How it is transmitted;
- Safe sexual behaviour;
- Post exposure services such as voluntary counselling and testing (VCT) and nutritional plans for people living with HIV/AIDS;
- Attitudes towards other people with HIV/AIDS;
- Rights of the Worker in the workplace;
- How the Awareness Champion will be equipped prior to commencement of the HIV/AIDS awareness programme with basic HIV/AIDS information and the necessary skills to handle questions regarding the HIV/AIDS awareness programme on site sensitively and confidentially;
- How the Service Provider will support the Awareness Champion;
- Location and contact numbers of the closest clinics, VCT facilities, counselling services and referral systems;
- How the workshops will be presented, including frequency and duration;
- How the workshops will fit in with the construction programme;
- How the Service Provider will assess the knowledge and attitude levels of attendees to structure workshops accordingly;
- How the video will be used;
- How the Service Provider will elicit maximum participation from the Workers;
- A questions and answers slot (interactive session)
- The Service Provider Workshop Plan shall encompass the Specific Learning Outcomes (SLO) as stipulated

SH 04 HIV/ AIDS AWARENESS EDUCATION AND TRAINING**SH 04.01 WORKSHOPS**

The Contractor shall ensure that all Workers attend the workshops.

The workshops shall adequately deal with all the aspects contained in the Service Provider Workshop Plan. A video of HIV/AIDS in the construction industry, which can be obtained from all Regional Offices of the Department of Public Works, is to be screened to Workers at workshops. In order to enhance the learning experience, groups of not exceeding 25 people shall attend the interactive sessions of the workshops.

SH 04.02 RECOMMENDED PRACTICE**SH 04.02.01 WORKSHOP SCHEDULE**

Presenting information contained in the Service Provider Workshop Plan can be divided in as many workshop sessions as deemed practicable by the Contractor, provided that all Workers are exposed to all aspects of the workshops as outlined in the Service Provider Workshop Plan.

Breaking down the content of information to be presented to Workers into more than one workshop session however, has the added advantage that messages are reinforced over time while providing opportunity between workshop sessions for Workers to reflect and test information. Workers will also have an opportunity to ask questions at a following session.

SH 04.02.02 SERVICE PROVIDERS

A database of recommended Service Providers is available from all Regional Offices of the Department of Public Works

SH 04.02.03 HIV/AIDS SPECIFIC LEARNING OUTCOMES AND ASSESSMENT CRITERIA

Workers shall be exposed to workshops for a minimum duration of two-and-a-half hours. In order to set a minimum standard requirement, the following specific learning outcomes and assessment criteria shall be met.

04.02.03.01 UNIT 1: The nature of HIV/AIDS

After studying and understanding this unit, the Worker will be able to differentiate between HIV and AIDS and comprehend whether or not it is curable. The Worker will also be able to explain how the HI virus operates once a person is infected and identify the symptoms associated with the progression of HIV/AIDS.

Assessment Criteria:

1. Define and describe HIV and AIDS
2. List and describe the progression of HIV/AIDS

04.02.03.02 UNIT 2: Transmission of the HI virus

After studying and understanding this unit, the Worker will be able to identify bodily fluids that carry the HI virus. The Worker will be able to recognise how HIV/AIDS is transmitted and how it is not transmitted.

Assessment Criteria:

1. Record in what bodily fluids the HI virus can be found
2. Describe how HIV/AIDS can be transmitted
3. Demonstrate the ability to distinguish between how HIV/AIDS is transmitted and misconceptions around transmittance of HIV/AIDS

04.02.03.03 UNIT 3: HIV/AIDS preventative measures

After studying and understanding this unit, the Worker will comprehend how to act in a way that would minimise the risk of HIV/AIDS infection and to use measures to prevent the HI virus from entering the bloodstream.

Assessment Criteria:

1. Report on how to minimise the risk of HIV/AIDS infection
2. Report on precautions that can be taken to prevent HIV/AIDS infection
3. Explain or demonstrate how to use a male and female condom
4. List the factors that could jeopardize the safety of condoms provided against HIV/AIDS transmission

04.02.03.04 UNIT 4: Voluntary HIV/AIDS counselling and testing

After studying and understanding this unit, the Worker will be able to recognise methods of testing for HIV/AIDS infection. The Worker will be able to understand the purpose of voluntary HIV/AIDS testing and pre- and post-test counselling

Assessment Criteria:

1. Describe methods of testing for HIV/AIDS infection
2. Report on why voluntary testing is important
3. Report on why pre- and post-test counselling is important

04.02.03.05 UNIT 5: Living with HIV/AIDS

After studying and understanding this unit, the Worker will be able to recognise the importance of caring for people living with HIV/AIDS and be able to manage HIV/AIDS.

Assessment Criteria

1. List and describe ways to manage HIV/AIDS
2. Describe nutritional needs of people living with HIV/AIDS
3. Describe ways to embrace a healthy lifestyle as a person living with HIV/AIDS
4. Explain the need for counselling and support to people living with HIV/AIDS

04.02.03.06 UNIT 6: Treatment options for people with HIV/AIDS

After studying and understanding this unit, the Worker will be familiar with the various treatments available to HIV/AIDS infected or potentially HIV/AIDS infected people

Assessment Criteria

1. Discuss anti-retroviral therapy
2. List methods of treatment to prevent HIV/AIDS transmission from mother-to-child
3. Describe the need for treatment of opportunistic diseases for people living with HIV/AIDS
4. Describe post exposure prophylactics

04.02.03.07 UNIT 7: The rights and responsibilities of Workers in the workplace with regard to HIV/AIDS

After studying and understanding this unit, the Worker will be able to identify the rights and responsibilities of the Worker living with HIV/AIDS in the workplace. The Worker will recognise the importance of accepting colleagues living with HIV/AIDS and treating them in a non-discriminative way

Assessment Criteria:

1. Discuss the rights of a person living with HIV/AIDS in the workplace
2. Discuss the responsibilities of a person living with HIV/AIDS in the workplace
3. Report on why acceptance and non-discrimination of colleagues living with HIV/AIDS is important

SH 04.03 DISPLAYING OF PLASTIC LAMINATED POSTERS AND DISTRIBUTION OF INFORMATION BOOKLETS

The Contractor shall obtain a set of four laminated posters conveying different key messages and information booklets, which are available from all Regional Offices of the Department of Public Works.

The above-mentioned posters and information booklets have been prepared to raise awareness and to share information about HIV/AIDS and STI's

Posters or display stands shall be displayed on site as soon as possible, but not later than 14 days after the date of site handover

Posters shall be displayed in areas highly trafficked by Workers, including toilets, rest areas, the site office and compounds

The posters on display must always be intact, clear and readable

Information booklets must be distributed to all Workers as soon as possible, but not later than 14 days after site handover, or as soon as the Worker joins the site

SH 05 PROVIDING WORKERS WITH ACCESS TO CONDOMS

The Contractor shall provide and maintain condom dispensers and make both male and female condoms, complying with the requirements of SABS ISO 4074, available at all times to all Workers at readily accessible points on site, for the duration of the contract. The Contractor may obtain condom dispensers from the Department of Health and condoms may be obtained from the Local Clinic or the Department of Health.

At least one male and one female condom dispenser and a sufficient supply of condoms, all to the approval of the Representative/Agent, shall be made available on site within 14 days of site hand over. Contractors should note that arrangements to obtain condoms from the Department of Health Clinics prior to site hand over may be necessary, to ensure that condoms are available within 14 days of site handover.

Condoms shall be made available in areas highly trafficked by Workers, including toilets, the site office and compounds.

SH 06 ENSURING ACCESS TO HIV/AIDS TESTING AND COUNSELLING FACILITIES AND TREATMENT OF SEXUALLY TRANSMITTED INFECTIONS (STI)

The Contractor shall provide Workers with the names of the closest Service Providers that provide HIV/AIDS testing and counselling and Clinics providing Sexually Transmitted Infection (STI) diagnosis and treatment. Information on these Service Providers and Clinics must be displayed on a poster of a size not smaller than A1 in an area highly trafficked by Workers

SH 07 APPOINTMENT OF AN HIV/AIDS AWARENESS CHAMPION

Within 14 days of site handover the Contractor shall appoint an Awareness Champion from amongst the Workers, who speaks, reads and writes English, who speaks and understands all the local languages spoken by the Workers and who shall be on site during all stages of the construction period. The Contractor shall ensure that the Awareness Champion has been trained by the Service Provider on basic HIV/AIDS information, the support services available and the necessary skills to handle questions regarding the HIV/AIDS programme in a sensitive and confidential manner

The Awareness Champion shall be responsible for:

- 7.1 Liaising with the Service Provider on organising awareness workshops;
- 7.2 Filling condom dispensers and monitoring condom distribution;
- 7.3 Handing out information booklets;
- 7.4 Placing and maintaining posters

SH 08 MONITORING

The Contractor shall grant to the Representative/Agent reasonable access to the construction site, in order to establish that the Contractor complies with his obligations regarding HIV/AIDS awareness under this contract

The Contractor must report problems experienced in implementing the HIV/AIDS requirements to the Representative/Agent

The attached SITE CHECKLIST (SCHEDULE A) shall be completed and submitted at every construction progress inspection to the Representative/Agent

The attached SERVICE PROVIDER REPORT (SCHEDULE B) shall be completed and submitted on a monthly basis to the Department's Project Manager, through the Representative/Agent

The attached CONTRACTOR HIV/AIDS PROGRAMME REPORT (SCHEDULE C), a close out programme report, shall be completed by the Contractor at the end of the contract

SCHEDULE A

HIV/AIDS PROGRAMME: SITE CHECKLIST

When did construction commence _____

Name of Departmental Project Manager _____

Please refer to HIV/AIDS Programme activities during the reporting period

Tick the block if Contractor satisfactorily complied with specifications																												
DATE	PI				PI				PI				PI				PI				PI				PI			
	D	D	M	M	D	D	M	M	D	D	M	M	D	D	M	M	D	D	M	M	D	D	M	M	D	D	M	M
Programme implemented within 14 days of site handover																												
Awareness champion on site																												
HIV/AIDS awareness service provider report																												
Male condom dispenser																												
Sufficient male condoms available																												
Male condom dispenser in a highly trafficked area																												
Female condom dispenser																												
Sufficient female condoms available																												
Female condom dispenser in a highly trafficked area																												
All four types of posters displayed																												
Posters in a good condition																												
Posters in a highly trafficked area																												
Posters displayed on local support services: clinic & VCT centre																												
Support service poster/s in highly trafficked area																												
Support service poster/s in a good condition																												

Please indicate the applicable number for the reporting period							
Workers on payroll (at PI)							
Sub-Contractors who will be on site for longer than 30 days (at PI)							
Workshop attendees							
Number of workshops held							
Scheduled workshops according to approved workshop plan							
Booklets distributed							
Male condoms distributed							
Female condoms distributed							
_____ Representative/Agent							
_____ Contractor							

Date of progress inspection (dd/mm/yy) _____

Reporting period: (dd/mm/yy)_____ to (dd/mm/yy) _____

Deviations from HIV/AIDS awareness programme plan:

Corrective actions

Representative/Agent

Departmental Project Manager

Date

Date

SCHEDULE B

HIV/AIDS AWARENESS PROGRAMME: SERVICE PROVIDER REPORT

Reporting period: (dd/mm/yy)_____ to (dd/mm/yy) _____

Number of workshops conducted in reporting period _____

Number of scheduled workshops according to approved workshop plan _____

Deviations from workshop plan:

State reasons for deviating from workshop plan:

Corrective actions:

Service Provider

Contractor

Date

Date

HIV/AIDS AWARENESS PROGRAMME: WORKSHOP CONTENT ADDRESSED

Fill in the applicable information with regard to each workshop conducted																												
DATE	W/S				W/S				W/S				W/S				W/S				W/S				W/S			
	D	D	M	M	D	D	M	M	D	D	M	M	D	D	M	M	D	D	M	M	D	D	M	M	D	D	M	M
Content of workshop: (Mark the content included)																												
SLO1																												
SLO2																												
SLO3																												
SLO4																												
SLO5																												
SLO6																												
SLO7																												
HIV/AIDS in construction video																												
Indicate the duration of the workshop in hours																												
Total number of Workers																												
Indicate workshop venue																												

SCHEDULE C

CONTRACTOR HIV/AIDS PROGRAMME REPORT

Project name _____

Project Location _____

Contract value of project (R) _____

Department of Public Works Project Manager _____

HIV/AIDS Programme duration: (dd/mm/yy) _____ to (dd/mm/yy) _____

AWARENESS MATERIAL

Describe location of posters displayed during the programme _____

Comments on posters _____

Indicate total number of booklets distributed _____

Comments on booklets _____

CONDOMS

Indicate total number of male condoms distributed _____

Indicate total number of female condoms distributed _____

Describe where male condom dispenser was placed _____

Describe where female condom dispenser was placed _____

HIV/AIDS WORKSHOPS

Indicate the total number of HIV/AIDS workshops conducted _____

Indicate the duration of workshops _____

Indicate the total number of Workers that participated in the HIV/AIDS workshops _____

Indicate the total number of Workers that were exposed to the video on HIV/AIDS in the Construction Industry _____

Comments on HIV/AIDS workshops on site _____

GENERAL

Briefly describe programme activities and satisfaction with outcome _____

Additional comments, suggestions or needs with regard to the HIV/AIDS awareness programmes on site

Please indicate if your company has a formal HIV/AIDS policy focussing on HIV/AIDS awareness raising and care and support of HIV/AIDS Workers

Yes	No	Currently developing one
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Please indicate if, to your knowledge, you have lost any workers during the duration of the project to HIV/AIDS related sicknesses. One or more of the following might indicate an HIV/AIDS related death:

Excessive weight loss
Reactive TB
Hair loss
Severe tiredness

Coughing or chest pain
Pain when swallowing
Persistent fever
Diarrhoea

Vomiting
Meningitis
Memory loss
Pneumonia

Number of HIV/AIDS-related deaths _____

Contractor

Date

Departmental Project Manager

Date