

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

THE DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE INVITES TENDERS FOR:

Project title:	DE AAR AREA AND SURROUNDING: REPAIR AND MAINTENANCE OF LOW VOLTAGE INSTALLATION AT VARIOUS CLIENTS (36 MONTHS TERM CONTRACT)
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Tender no:	ID 3275448	Reference no:	19/2/4/2/2/2026-2030
Advertising date:	12/06/2026	Closing date:	17/07/2026
Closing time:	11:00	Validity period:	84 Calendar days

1. REQUIRED CIDB GRADING

It is estimated that tenderers should have a CIDB contractor grading designation of **4 EB** or **4 EB*** or higher.
** Delete "or select tender value range select class of construction works" where only one class of construction works is applicable*

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

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

2. FUNCTIONALITY CRITERIA APPLICABLE YES NO

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

Functionality criteria ¹ :	Weighting factor:
<p>1. COMPANY EXPERIENCE: TRACK RECORD OF SIMILAR PROJECTS WITH A VALUE THRESHOLD EQUAL OR ABOVE R500 000.00 PER PROJECT COMPLETED WITHIN THE PAST 10 YEARS</p> <p>PROVIDE SIGNED COMPLETION CERTIFICATE OR REFERENCE LETTERS AND APPOINTMENT LETTER FROM PROJECT MANAGER OR CONSULTANT OR CLIENT. REFERENCE LETTER'S MUST HAVE PROJECT MANAGER OR CONSULTANT OR CLIENT CONTACT DETAILS, PROJECT DESCRIPTION AND END DATE.</p> <p>1.1) 5 and above completed projects and =5 points 1.2) 4 completed projects = 4 points 1.3) 3 completed projects = 3 points 1.4) 2 completed projects = 2 points 1.5) Below the above required criteria and non submission = 0</p>	30

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

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

<p>2. TECHNICAL CAPACITY (ARTISANS): QUALIFIED ARTISANS WHO PASSED TRADE TEST IN THE FIELDS OF ELECTRICAL</p> <p>2.1) 5 Electricians as qualified artisan = 5 points 2.2) 4 electricians as qualified artisan = 4 points 2.3) 3 electricians as qualified artisan = 3 points 2.4) 2 electricians as qualified artisan = 2 points 2.5) Below the above required criteria provided and non-submission = 0 points</p> <p>Provide copy of valid trade test certificates as proof from accredited institution</p>	<p>35</p>
<p>3. TECHNICAL CAPACITY SUPERVISION (SUPERVISOR OR FOREMAN OR SITE AGENT): PREVIOUS EXPERIENCE AS INSTALLATION ELECTRICIAN WHO PASSED TRADE TEST AS ELECTRICIAN FROM ACCREDITED INSTITUTION</p> <p>3.1) 5 years and above experience = 5 points 3.2) 4 years experience = 4 points 3.3) 3 years experience = 3 points 3.4) 2 years experience = 2 points 3.5) Below the above required criteria and non submission = 0 points</p> <p>Provide a copy of a valid installation electrician license, N3 certificate in electrical studies and trade test certificate from accredited institution with detail/comprehensive CV</p>	<p>25</p>
<p>4. FINANCIAL CAPABILITY</p> <p>4.1) Bank code of A = 5 points 4.2) Bank code of B = 4 points 4.3) Bank code of C = 3 points 4.4) Bank code of D = 2 points 4.5) Below the above required criteria and non submission = 0 points</p>	<p>15</p>
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:	50
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(Total minimum qualifying score for functionality is 50 Percent, any deviation below or above the 50 Percent, provide motivation below)

insert motivation (if the provided space is not enough attach a memorandum)

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

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

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

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

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

1	<input checked="" type="checkbox"/>	Only those tenderers who satisfy the eligibility criteria stated in the Tender Data may submit tenders.
2	<input checked="" type="checkbox"/>	Tender offer must be properly received on the tender closing date and time specified on the invitation, completed either electronically (if issued in electronic format), or by writing legibly in non-erasable ink. (All as per Standard Conditions of Tender).
3	<input checked="" type="checkbox"/>	Use of correction fluid is prohibited.
4	<input checked="" type="checkbox"/>	Submission of a signed bid offer as per the DPW-07 (EC).
5	<input checked="" type="checkbox"/>	Submission of DPW-09 (EC): Particulars of Tenderer's Projects.
6	<input checked="" type="checkbox"/>	Bidders must comply with DPW-21 (EC): Record of Addenda to tender documents, if any.
7	<input type="checkbox"/>	Submission of DPW-16 signed by the authorised official and completion of bid briefing attendance register. insert motivation why the tender clarification meeting is declared compulsory
8	<input checked="" type="checkbox"/>	The tenderer shall submit his fully priced Bills of Quantities / Lump Sum Document (complete document inclusive of all parts) together with his tender.
9	<input type="checkbox"/>	The tenderer shall submit his fully priced and completed sectional summary- and final summary pages with the tender.
10	<input type="checkbox"/>	Specify other responsiveness criteria
11	<input type="checkbox"/>	Specify other responsiveness criteria
12	<input type="checkbox"/>	Specify other responsiveness criteria
13	<input type="checkbox"/>	Specify other responsiveness criteria
14	<input type="checkbox"/>	Specify other responsiveness criteria
15	<input type="checkbox"/>	Specify other responsiveness criteria

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

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

The 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 specifically indicated, will disqualify the tender offer from further consideration.

1	<input checked="" type="checkbox"/>	Any correction to be initialled by the person authorised to sign the tender documentation as per PA 15.1 or PA 15.2 resolution of board/s of directors / or PA15.3 Special Resolution of Consortia or JV's.
2	<input checked="" type="checkbox"/>	Submission of applicable (PA-15.1, PA-15.2, PA-15.3): Resolution by the legal entity, or consortium / joint venture, authorising a dedicated person(s) to sign documents on behalf of the firm / consortium / joint venture.
3	<input checked="" type="checkbox"/>	All parts of tender documents submitted must be fully completed in ink and signed where required.
4	<input checked="" type="checkbox"/>	Submission of (PA-11): Bidder's disclosure
5	<input type="checkbox"/>	Submission of PA-16.1 (EC): Ownership Particulars
6	<input type="checkbox"/>	Submission of documentation relating to risk assessment criteria as contained in C 2.1 of DPW-03 Tender Data.
7	<input checked="" type="checkbox"/>	Submission of (PA 40): Declaration of Designated Groups.
8	<input checked="" type="checkbox"/>	Submission of proof of Registration on National Treasury's Central Supplier Database (CSD). Insert the Supplier Registration Number on the form of offer, including proposed sub-contractors if any
9	<input checked="" type="checkbox"/>	Data provided by the tenderer in Part 2 of DPW-04 Contract Data (JBCC 2018) or DPW-05 Contract Data (GCC 2015) whichever applicable to be fully completed.
10	<input type="checkbox"/>	The tenderer shall submit his fully priced Bills of Quantities (complete document inclusive of all parts) within 14 calendar days from request.
11	<input checked="" type="checkbox"/>	Upon request, submission of fingerprints obtainable from local SAPS including any other additional documentation and information required for vetting purposes.
12	<input checked="" type="checkbox"/>	Upon request, submission of a fully completed security clearance application form with supporting documentation and information as required. The security clearance form will be provided by the Employer for projects requiring a security clearance.
13	<input checked="" type="checkbox"/>	Submission of a signed copy by: Chief Inspector) Electrical Installation Regulation Registration 6(4): registration of electrical contractor (under company or employs a registered person in a full-time capacity or is himself or herself a registered person) from Department of Employment and Labour. Provide a copy of employment contract..
14	<input checked="" type="checkbox"/>	Bidders are required to ensure compliance with section 23(3)(b) of the Companies Act, 2008, as it relates to the registered address of the bidding company entity. In terms of section 23(3)(b) of the Companies Act, 2008, if an entity has more than one office in South Africa, it must register the address of its 'principal office' with the CIPC which address shall, for all tender and contractual purposes, be the regarded as the lawful and registered address of the bidding entity.
15	<input type="checkbox"/>	Submission of document relating to risk assessment criteria.
16	<input type="checkbox"/>	Specify other responsiveness criteria
17	<input type="checkbox"/>	Specify other responsiveness criteria
18	<input type="checkbox"/>	Specify other responsiveness criteria

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

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

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

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

Table 1

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

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

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



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

Table 2

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

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

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

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

7. ELIGIBILITY IN RESPECT OF RISK TO THE EMPLOYER:

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

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

In order for the evaluation reports to be prepared by the Professional Team, the Tenderer is obliged to provide comprehensive information on form DPW-09 (EC). Failure to complete the said form will cause the tender to be declared non-responsive and removed from any further consideration. The Employer reserves the right

to request additional information over and above that which is provided by the Tenderer on said form. The information must be provided by the Tenderer within the stipulated time as determined by the Bid Evaluation Committee, failing which the tender offer will *mutatis mutandis* be declared non-responsive.

7.1 Technical risks:

Criterion 1: Experience on comparable projects during the past 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

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(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.	Select
(g)	Labour Intensive Works – Condition of Contract.	Select
(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 iOld Magistrate Court Building, 21-23 Market Square, Kimberley, 8301. A non-refundable bid deposit of R 200.00 is payable (cash only) on collection of the bid documents.

10. SITE INSPECTION MEETING

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

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

Venue:	(N/A)		
Virtual meeting link:	N/A		
Date:	N/A	Starting time:	N/A

11. ENQUIRIES

11.1. Technical enquiries may be addressed to:

DPWI Project Manager	Mahlomola Khoabane	Telephone no:	053 838 5350
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Cellular phone no		Fax no:	
E-mail	Mahlomola.Khoabane@dpw.gov.za		

11.2. SCM enquiries may be addressed to:

SCM Official	Gail Aysen	Telephone no:	053 838 5221
Cellular phone no		Fax no:	
E-mail	Gail.Aysen@dpw.gov.za		

12. DEPOSIT / RETURN OF TENDER DOCUMENTS

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

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

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

<p>Tender documents may be posted to:</p> <p>The Director-General Department of Public Works and Infrastructure Private Bag X 5002 KIMBERLEY i8301</p> <p>Attention: Procurement section: Room insert room no</p>	OR	<p>Deposited in the tender box at:</p> <p>the Bid Box Department of Public Works & Infrastructure Old Magistrate Court Building i21-23 Market Square Kimberley 8301</p>
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● PG-01.1 (EC) SCOPE OF WORKS – GCC 3rd Edition (2015)

Project title:	DE AAR AREA AND SURROUNDING: REPAIR AND MAINTENANCE OF LOW VOLTAGE INSTALLATION AT VARIOUS CLIENTS (36 MONTHS TERM CONTRACT).		
Tender no:	ID:3275448	Reference no:	19/2/4/2/2/2026-2030

C3. Scope of Works

CONTENTS

C3.1 STANDARD SPECIFICATIONS

C3.2 PROJECT SPECIFICATIONS

A: GENERAL

PS-1 PROJECT DESCRIPTION

De Aar Area and Surrounding: Repair and Maintenance of Low Voltage Installation at Various Clients (36 Months Term Contract)

PS-2 DESCRIPTION OF SITE AND ACCESS

The Department, Chief of the SANDF or Commissioner of SAPS may require the Contractor to have his personnel or certain number of them for security screening.

Contractor's personnel must have identity card and uniform so that they can be easily identified by Clients Department.

Comply with National Strategic Intelligence Act 39 of 1994, prescribes that individual who will have access to classified information and National Key Points must have positive security clearance (Foreign Nationality).

PS-3 DETAILS OF CONTRACT

- *De Aar Area and Surrounding: Repair and Maintenance of Low Voltage Installation at Various Clients (36 Months Term Contract)*

PS-4 CONSTRUCTION AND MANAGEMENT REQUIREMENTS

The Contractor shall use competent trained staff directly employed and supervised by him and shall take all reasonable care to maintain the installations and keep them in proper operational condition.

Arrangement with the occupants of buildings regarding access to the premises in order to execute the required services.

Take adequate precautions to prevent damage to buildings, fittings and furnishings inside the premises and elsewhere on the sites.

Accept liability and to indemnify the Department against any claims whatsoever arising from his/her conduct and/or the conduct of his/her employees.

Safeguard all his/her employees in accordance with the regulations of the Unemployment Insurance Act 1996, (Act no 33 of 1966) and any amendments therefore.

Comply with all By- Laws and requirements of the Local Authority.

Carry out maintenance, service and repairs during normal working hours.

PS-5 CONSTRUCTION PROGRAMME

The Contractor must provide Department and Clients with programme (Bar/Gunth Chart) for quarterly service of Low Voltage Installation for 36 months any amendments on the programme must be communicated with Project Leader in time to avoid inconvenience.

PS-6 SITE FACILITIES AVAILABLE

- BRITSTOWN SAPS
- BRISTOWN MAGISTRATE
- CALVINIA SAPS
- CALVINIA MAGISTRATE
- CARNAVORN SAPS
- CARNAVORN MAGISTRATE
- COLESBURG SAPS
- COLESBURG MAGISTRATE
- DE AAR MAGISTRATE
- DE AAR MAIN SAPS
- DE AAR NONZWAKAZI SAPS
- DE AAR SUNRISE
- COLESBURG SAPS
- COLESBURG MAGISTRATE
- HOPETOWN MAGISTRATE
- HOPETOWN SAPS
- HANOVER SAPS
- HANOVER MAGISTRATE
- PETRUSVILLIE SAPS
- PETRUSVILLIE MAGISTRATE
- VOSBURG SAPS
- WILLINGSTON SAPS
- WILLINGSTON MAGISTRATE
- VICTORIA WEST MAGISTRATE
- LOERISFONTEIN SAPS
- SUNDERLAND MAGISTRATE
- SUNDERLAND SAPS
- FRASERBURG SAPS
- FRASERBURG MAGISTRATE
- RICHMOND SAPS
- RICHMOND MAGISTRATE
- PRIESKA SAPS
- PRIESKA MAGISTRATE
- PHILLIPSTOWN MAGISTRATE
- NOURPORT SAPS
- VAN WYKSVLEI SAPS
- OTHERS

PS-7 SITE FACILITIES REQUIRED

NOT APPLICABLE

PS-8 REQUIREMENTS FOR ACCOMMODATION OF TRAFFIC

NOT APPLICABLE

PS-9 OCCUPATIONAL HEALTH AND SAFETY

The contractor must submit HEALTH AND SAFETY PLAN within fourteen (14) days upon signing site handover certificate and failure to submit will result not accessing sites.

The Contractor must all at time in position of Occupational Health and Safety Plan on site.

The Contractor must provide his/her employee with Personal Protective Equipment

S-10 ADVERSE WEATHER CONDITIONS

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

B: AMENDMENTS TO THE PARTICULAR SPECIFICATIONS Insert amendments to particular specifications

C3.3 PARTICULAR SPECIFICATIONS List particular specifications

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:

A - 1986 - GENERAL / D – (etc, to be provide by compiler)

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:

DE AAR AREA AND SURROUNDING: REPAIR AND MAINTENANCE OF LOW VOLTAGE INSTALLATION AT VARIOUS CLIENTS (36 MONTHS TERM CONTRACT).

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:

- C3.6.1 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

C3.7.1 Minimum Targeted Local Material Manufacturer Contract Participation Goal

The Minimum Targeted Local Building Material Manufacturers CPG is *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**km 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**km 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 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**km 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**km 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 *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. 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 *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 *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

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 remeasurable 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 60%(sixty percent) 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 **2 (TWO)** 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 **not applicable** 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 **applicable** 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 **not applicable** 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 ~~(delete that which is not applicable)~~ 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 ~~(delete that which is not applicable)~~.
- (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 ~~(delete that which is not applicable)~~.
- (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 ~~(delete that which is not applicable)~~ 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 ~~(delete that which is not applicable)~~ 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 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 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:

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

b) cohesive materials:

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

Note

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

Table 3: Consistency of materials when profiled			
GRANULAR MATERIALS		COHESIVE MATERIALS	
CONSISTENCY	DESCRIPTION	CONSISTENCY	DESCRIPTION
Very loose	Crumbles very easily when scraped with a geological pick.	Very soft	Geological pick head can easily be pushed in as far as the shaft of the handle.

Loose	Small resistance to penetration by sharp end of a geological pick.	Soft	Easily dented by thumb; sharp end of a geological pick can be pushed in 30-40 mm; can be moulded by fingers with some pressure.
Medium dense	Considerable resistance to penetration by sharp end of a geological pick.	Firm	Indented by thumb with effort; sharp end of geological pick can be pushed in up to 10 mm; very difficult to mould with fingers; can just be penetrated with an ordinary hand spade.
Dense	Very high resistance to penetration by the sharp end of a 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.

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 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.



**PRICE SUMMARY BILL- DE AAR AND SURROUNDING AREAS MAINTENANCE AND REPAIRS OF LOW VOLTAGE
INSTALLATION OF 36 MONTHS TERM CONTRACT**

ITEM	DESCRIPTION	TOTAL AMOUNT
Bill No. 1	Preliminary & General	
Bill No. 2	LV Switchgears and Distribution Boards	
Bill No. 3	Mains Cabling & Cable Sleeves	
Bill No. 4	General Lighting	
Bill No. 5	Luminaires	
Bill No. 6	Small Power	
Bill No. 7	Area/Perimeter Lighting	
Bill No. 8	Day Work and Non-Schedule Items	
	SUB-TOTAL	
	ADD VAT@15%	
	TOTAL	



BILL NO:01 PRELIMINARY AND GENERALS

ITEM	DESCRIPTION	YEAR ONE			YEAR TWO			YEAR THREE			TOTAL AMOUNT A+B+C
		UNIT	QTY	RATE	AMOUNT A	QTY	RATE	AMOUNT B	QTY	RATE	
1.1	FIXED CHARGES										
1.1.1	Site Establishment	Sum	1			1			1		
1.1.2	Removal of Site Establishment and Equipment to DPWI workshop-Kimberley	Sum	1			1			1		
1.1.3	Extent of Fixed-charge Obligations	Sum	1								
1.1.4	Provision for Health & Safety file in Compliance with occupational Health & Safety Act	Sum	1								
1.1.5	Rubbish and Waste Management Plan	Sum	1								
1.1.6	(Please Specify)	Sum	1								
1.2.1	Provision of Sureties	Sum	1								
1.2.2	Insurance: Public Liability	Sum	1								
1.2.3	Provision of Record Drawings	Sum	1								
1.2.4	Other Value Related Obligations	Sum	1								
1.2.5	(Please Specify)										
1.2.6										
1.2.7										
1.2.8										
1.2.9										
1.3	TIME-RELATED ITEMS										
1.3.1	Contractual Requirements	Months	12			12			12		
	Insurance: Special Risk(SASRIA)	Months	12			12			12		
	Insurance: Occupational Compensation(COID)	Months	1			1			1		
	Programme of Works	Months	12			12			12		
	Progress of the Works										
TOTAL CARRIED FORWARD TO THE NEXT PAGE											

ITEM	DESCRIPTION	TOTAL BROUGHT FORWARD FROM THE PREVIOUS PAGE						AMOUNT C	TOTAL AMOUNT				
		UNIT	QTY	RATE	AMOUNT A	QTY	RATE			AMOUNT B	QTY	RATE	
1.3.2	Operation and Maintenance of Site Establishment Admin facilities: Instructions books/Records, communication and etc	Months	12			12			12				
1.3.3	Supervision for the Duration of Contract Access Control & Identity of staff	Months	4			4			4				
	First Aid Kit: Supply & Maintain	Sum	1			1			1				
1.4	EPWP PROGRAMME The provision of remuneration is based on official labour rate(R21,69/hr) as the amount agreed by NMW from the Minister of Labour. The tender shall include full compensation for all costs associated with the employment of two(2) workers, and complying with the conditions of EPWP and of contract. The cost for the training shall be excluded from this item. This is based on 36 months period, but employment is based on year one, year two and year three. Electrical students are recommended for this opportunity for training purposes and skills transfer. Allowance of R3600.00/mnth per student is calculated based on R21.69*8hrs*21days.												
1.4.1	Allowance of R7200 for 2 student per/month	Months	12	R7 200,00	R86 400,00	12	R	7 200,00	R86 400,00	12	R7 200,00	R86 400,00	R259 200,00
1.4.2	Profit and Attendance to the above item Provision for complete branded EPWP PPE for 2 student	%											
1.4.3	Footwear-Safety Shoe	each	2			2				2			
1.4.4	Reflective Jacket as per SANS 1866 -	each	2			2				2			
1.4.5	Reflective Trouser as per SANS 1866 - Supply basic electrician tool box	each	2			2				2			
	sum	sum	2										
1.4.6	Training of EPWP: Provide accredited training to improve beneficiaries' chances of securing employment after the end of project in order to qualified as Artisan in the field of Electrical. Allowance of R40 000 for 2 student once off training.	Sum	2	R40 000,00									R80 000,00
TOTAL BILL NO.1 CARRIED OVER TO SUMMARY OF BILLS													

ITEM	DESCRIPTION	YEAR ONE			YEAR TWO			YEAR THREE			TOTAL AMOUNT A+B+C
		UNIT	QTY	RATE	AMOUNT A	QTY	RATE	AMOUNT B	QTY	RATE	
	BILL NO:2: LV SWITCHGEARS AND DISTRIBUTION BOARD										
	Supply, maintain, repair and commission complete switchgears and distribution boards where necessary, including all busbars and din-rails as specified to relevant sections below with their standard specification. PLEASE NOTE: Labour/Install rate is measured somewhere										
	LV SWITCHGEARS										
2.1	Miniature Circuit Breakers (MCB) As per SANS 556-1/IEC 60947-2, with a fault level current 2.5 to 10KA. C curve and D curve.										
2.1.1	Single Pole MCB (2Amps to 32Amps)	Unit	20		20				20	R	
2.1.2	Single Pole MCB (40Amps to 125Amps)	unit	10		10				10	R	
2.1.3	Double Pole MCB (2Amps to 32Amps)	unit	5		5				5		
2.1.4	Double Pole MCB (40Amps to 125Amps)	unit	5		5				5		
2.1.5	Triple Pole MCB (6Amps to 40Amps)	unit	5		5				5		
2.1.6	Triple Pole MCB (50Amps to 125Amps)	unit	2		2				2		
2.2	Earth Leakage Protection Unit As per IEC/EN 60898, with sensitivity tripping current 30mA And fault level current 6KA										
2.2.1	Double Pole Unit (25Amps to 63Amps)	Unit	10		10				10		
2.2.2	Triple Pole Unit+Neutral (63Amps)	unit	3		3				3		
TOTAL CARRIED FORWARD TO THE NEXT PAGE											

TOTAL BROUGHT FORWARD FROM THE PREVIOUS PAGE											
ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT A	QTY	RATE	AMOUNT B	QTY	RATE	AMOUNT C	TOTAL AMOUNT
2.3 Surge Protection Three pole and neutral 275v with indication, surge protection device class 2 lmax 10KA.	unit	5			5			5			
2.3.1 Supply											
2.3.2 Three pole and neutral 275v with indication, surge protection device class 2 lmax 40KA.	unit	5			5			5			
2.3.3 Supply											
2.4 DISTRIBUTION BOARDS DB's will differ with dimension on domestic and commercial type.	unit	5			5			5			
2.4.1 Domestic Distribution Boards											
2.4.2 Flush Adjustable Distribution Boards - All Colours Metal pre-fitted for din or samite complete with metal chassis and tray.	unit	2			2			2			
2.4.3 Supply											
2.4.4 Surface Mounted Distribution Boards - All colours Metal pre-fitted for din or samite	unit	3			3			3			
2.4.5 Supply											
2.5 Commercial Distribution Boards											
2.5.1 Flush Architrave Distribution Boards with Door - All colours Complete with metal push handle, metal hinges. Pre-fitted for samite or din	unit	3			3			3			
2.5.2 Supply											
2.5.3 Surface Cabinet Distribution Board with Door - All colours Metal pre-fitted for samite or din	unit	2			2			2			
2.5.4 Supply											
2.5.5 Floor Standing Cabinet distribution Board with Doors-All colours Metal pre-fitted for samite or din	unit	2			2			2			
2.5.6 Supply											
2.5.7 Kiosks (Metal or Fibreglass)	unit	3			3			3			
2.5.8 Supply											
TOTAL CARRIED FORWARD TO THE NEXT PAGE											R



TOTAL BROUGHT FORWARD FROM THE PREVIOUS PAGE												
ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT A	QTY	RATE	AMOUNT B	QTY	RATE	AMOUNT C	R TOTAL AMOUNT	
2.5 Distribution Board - Painting and Lockers												
Allowance for painting with similar colour and Lockers	Sum	1	R 10 000,00	R 10 000,00	1	R10 000,00	R 10 000,00	1	R10 300,00	R 10 300,00		R30 300,00
Profit and attendance on above	%				%			%				
TOTAL BILL NO.2 CARRIED OVER TO SUMMARY OF BILLS												



ITEM	DESCRIPTION	UNIT	YEAR ONE			YEAR TWO			YEAR THREE			TOTAL AMOUNT A+B+C
			QTY	RATE	AMOUNT A	QTY	RATE	AMOUNT B	QTY	RATE	AMOUNT C	
3	BILL NO.3: MAINS CABLING AND CABLE SLEEVES											
3.1	CABLE SLEEVES Solid or flexible PVC cable sleeves chased or surfaced onto brickwork or laid in the open trench or under concrete floor including couplings, backfilling and compacting <i>NOTE: Sleeves for future use to be sealed at both ends</i> <i>Rate for labour is measured somewhere</i>											
3.1.1	50mm diameter (kabelflex sleeve) Supply	m	15			10						
3.1.2	45 degrees slow bends for 50mm dia.sleeve Supply	each	5			5						
3.1.3	32mm diameter (kabelflex sleeve) Supply	m	10			10						
3.1.4	45 degrees slow bends for 32mm dia.sleeve Supply	each	5			5						
TOTAL CARRIED FORWARD TO THE NEXT PAGE												

TOTAL BROUGHT FORWARD FROM THE PREVIOUS PAGE											
ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT A	QTY	RATE	AMOUNT B	QTY	RATE	AMOUNT C	TOTAL AMOUNT
3.1.5 Cleaning and maintaining including paint of LV room service trench with cross bracing for LV Panel, chequer plate covers and the whole interior of lv room.											
Allowance amount per facility	Sum	10			10			5			
3.1.6 Drawn into conduit or sleeve 1,6mm galvanised draw wire											
Supply	m	50			10			10			
3.1.7 P9000 in roof space for light, power cables and power conductors complete with cover strips											
Supply	m	30			10			5			
3.1.8 P220 wire basket in roof space for power cables complete with cover strips											
Supply	m	10			10			10			
3.1.9 150mm wide medium duty cable tray including hangers and fixing											
Supply	m	15			10			5			
3.2 LOW VOLTAGE CABLES Supply cable where needs to be serviced through cable sleeve in trench or on cable trays and sleeves											
TOTAL CARRIED FORWARD TO THE NEXT PAGE											

TOTAL BROUGHT FORWARD FROM THE PREVIOUS PAGE											
ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT A	QTY	RATE	AMOUNT B	QTY	RATE	AMOUNT C	TOTAL AMOUNT
3.2.1 70mm ² x 4 core ECC											
Supply	m	20			20			10			
3.2.2 Termination for 70mm ² x 4 core cable											
Supply	each	6			4			4			
3.2.3 50mm ² x 4 core ECC											
Supply	m	10			10			10			
3.2.4 Termination for 50mm ² x 4 core cable											
Supply	each	6			6			6			
3.2.5 35mm ² x 4 core ECC											
Supply	m	20			20			20			
3.2.6 Termination for 35mm ² x 4 core cable											
Supply	each	6			6			6			
3.2.7 25mm ² x 4 core ECC											
Supply	m	50			50			20			
3.2.8 Termination for 25mm ² x 4 core cable											
Supply	each	6			6			6			
TOTAL CARRIED FORWARD TO THE NEXT PAGE											



TOTAL BROUGHT FORWARD FROM THE PREVIOUS PAGE											
ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT A	QTY	RATE	AMOUNT B	QTY	RATE	AMOUNT C	TOTAL AMOUNT
3.2.9 16mm ² x 4 core ECC Supply	m	50			30			20			
3.2.1 Termination for 16mm ² x 4 core cable Supply	each	10			15			20			
3.2.1 16mm ² x 3 core ECC Supply	m	50			30			20			
3.2.1 Termination for 16mm ² x 3 core cable Supply	each	10			15			20			
3.2.1 10mm ² x 3 core ECC Supply	m	50			50			50			
3.2.1 Termination for 10mm ² x 3 core cable Supply	each	8			9			10			
3.2.1 16mm ² x 3 core ECC Supply	m	50			50			50			
3.3 Cable Tape Laid in an open trench and 150mm above a cable 150mm wide 800 gauge cable marker tape. Supply	m	10			10			10			
TOTAL BILL NO.3 CARRIED OVER TO SUMMARY OF BILLS											



ITEM DESCRIPTION	UNIT	YEAR ONE			YEAR TWO			YEAR THREE			TOTAL AMOUNT A+B
		QTY	RATE	AMOUNT A	QTY	RATE	AMOUNT B	QTY	RATE	AMOUNT B	
4.1 BILL NO.4: GENERAL LIGHTING											
CONDUIT The supply of PVC conduit. Install is measured elsewhere Prices to include cutting, draw boxes, fixing materials tees, bends, saddles, etc.											
4.1.1 20mm dia conduit	m	100			100			50			
Supply											
4.1.2 32mm dia conduit	m	10			10			10			
Supply											
Galvanised metal conduit chased into brickwork, cast in concrete or fixed on trusses in ceiling void including cutting, bending, reaming, setting, joining, draw boxes and fixing material (average).											
4.1.3 20mm dia conduit	m	100			100			100			
Supply											
4.1.4 32mm dia conduit	m	10			10			10			
Supply											
4.2 SWITCHES											
4.2.1 16/20A single lever, one way flush mounted rocker or similar type switch (White in colour)	each	30			30			30			
Supply											
4.2.2 16/20A single lever, two way flush mounted rocker or similar type switch (White in colour)	each	20			20			20			
Supply											
TOTAL CARRIED FORWARD TO THE NEXT PAGE											



TOTAL BROUGHT FORWARD FROM THE PREVIOUS PAGE												
ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT A	QTY	RATE	AMOUNT B	QTY	RATE	AMOUNT B	TOTAL AMOUNT
4.2.3	BROUGHT FORWARD 16/20A two lever, one way flush mounted rocker or similar type switch (White in colour) Supply	each	15			15			15			
4.2.4	16/20A three lever, one way flush mounted rocker or similar type switch with classic range coverplates (White in colour) Supply	each	5			5			5			
4.2.5	16/20A four lever, one way flush mounted rocker or similar type switch with classic range coverplates (white in colour) Supply	each	3			3			3			
4.2.6	16/20A single lever, one way surface mounted weatherproof switch Supply	each	5			5			5			
4.2.7	Photo Cell- Day/night Switch Type ZS 20A National photo electric cell Supply	each	40			30			20			
4.2.8	Dimmer switch - 1000w (one lever, two way) diamond range coverplates(White in colour) Supply	each	3			3			5			
	Industrial switch-12A or 20A with 2 to 5 position stepping	each	10			10			10			
TOTAL CARRIED FORWARD TO THE NEXT PAGE												

TOTAL BROUGHT FORWARD FROM THE PREVIOUS PAGE											
ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT A	QTY	RATE	AMOUNT B	QTY	RATE	AMOUNT B	TOTAL AMOUNT
4.3 CONDUCTORS The supply of PVC insulated single core stranded copper conductors drawn into conduits. Installation is measured elsewhere											
4.3.1 2. 5mm ² PVC black and red Supply	m	600			600			500			
4.3.2 1. 5mm ² PVC green / yellow earth wire Supply	m	250			250			250			
4.3.3 2. 5mm ² round surfix and earth wire Supply	m	500			200			100			
TOTAL BILL NO.4 CARRIED OVER TO SUMMARY OF BILLS											



BILL NO. 5: LUMINAIRES												
ITEM DESCRIPTION BILL NO. 5: LUMINAIRES	UNIT	QTY	YEAR ONE		YEAR TWO		YEAR THREE		TOTAL AMOUNT A+B			
			RATE	AMOUNT A	RATE	AMOUNT B	RATE	AMOUNT B				
5.1 Maintain all luminaires that are surface mounted or recessed on a ceiling, or on brickwork including lamps and fixing material. Replace luminaire with similar or equal to the existing NOTE: See contract document for detailed technical specifications Open channel fluorescent 18 to 36W Light fitting												
5.1.1 Supply Closed Channel: Tamper proof screws hold the diffuser in place and must be removable with special tool. The diffuser shall be standard 8mm high impact acrylic with opal. The body must be manufactured from 1mm stainless steel powder coated. The luminaire must be approved by department of correctional services. The luminaire to be compactable to LED lamp tubes	each	10		10		10		10				
5.1.2 Supply Reseaced luminaire: 1200mmx600mm. Luminaire must be ideal for retrofit solution for ceiling up to 3.5m. Opal optic diffuser. LED lighting	each	20		20		20		20				
5.1.3 Supply Bulkhead: Square or round with alluminium body opal polycarbonated diffuser epoxy coated. The luminaire must be anti corrosion IP65 rating. Wall mounted or ceiling mounted. Body shape either round or square	each	10		10		10		10				
5.1.4 Supply	each	20		20		20		20				
TOTAL CARRIED FORWARD TO THE NEXT PAGE												



TOTAL BROUGHT FORWARD FROM THE PREVIOUS PAGE

ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT A	QTY	RATE	AMOUNT B	QTY	RATE	AMOUNT B	TOTAL AMOUNT
BROUGHT FORWARD											
Surface mounted closed channel, body rolled mild steel with epoxy coated powder finish. Anti iridescent matt aluminium louvre. Luminaire to be compactable for three tubes lamp Or either 2 tube lamps. Replace with similar to what is existing.											
5.1.5 Supply											
Recessed Luminaire: 3 or 4 tubes high quality luminaire the louvre is fixed with the body. Rolled steel body with epoxy powder coated finish either with panels or parabolic louvre	each	10			10			10			
5.1.6 Supply											
High bay Luminaire: Body finish with epoxy powder finish coated. Aluminium diffuser. Luminaire compactable to PL lamps	each	5			5			5			
5.1.7 Supply											
Supply light fixture components	each	5			5			5			
5.1.8 Supply											
Starters	each	5			5			5			
Ballast/choke	each	30			30			20			
Ignitor	each	5			5			5			
Control Gear	each	5			5			5			
Diffusers	each	5			5			5			
Capactors	each	5			5			5			
Retrofitting: Removing part of existing fixture and install new components compatible with the existing wiring. Make certain that the lumen output is equal to the existing to avoid the compromising of the original lux level to the designer.											
5.1.9											
Compact Fluorescent lamp tubes (CFL) T5/T8/T9 to LED	each	30			30			20			
Compact Fluorescent (CFL) bulkhead light fittings P19/18/20 to LED	each	30			30			20			
Halogen Lights lamp to LED	each	30			30			20			
pressure sodium street lights/flood light (HPS) to LED	each	30			30			20			
Metal halide street light/flood light to LED	each	30			30			20			
TOTAL BILL NOS CARRIED OVER TO SUMMARY OF BILLS											



ITEM	DESCRIPTION	UNIT	QTY	YEAR ONE		YEAR TWO		YEAR THREE		TOTAL AMOUNT A+B+C
				AMOUNT A	QTY	AMOUNT B	QTY	AMOUNT C	QTY	
6.1	BILL NO.6: SMALL POWER CONDUIT AND CONDUIT ACCESSORIES SABS APPROVED CONDUIT PVC conduit. The supply of conduit including cutting, drawboxes and fixing materials									
6.1.1	20mm dia									
	Supply	m	100		50		50			
6.1.2	25mm dia									
	Supply	m	50		50		50			
	CONDUIT ACCESSORIES PVC SABS APPROVED CONDUIT The supply of drawboxes including locknuts, bushes, coverplates, fixing materials when required etc.									
6.1.3	Round box for 20mm									
	Supply	No	20		20		20			
6.1.4	Round box for 25mm									
	Supply	No	20		20		20			
TOTAL CARRIED FORWARD TO THE NEXT PAGE										

TOTAL BROUGHT FORWARD FROM THE PREVIOUS PAGE												
ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT	QTY	RATE	AMOUNT	QTY	RATE	AMOUNT C	TOTAL AMOUNT
6.2	CONDUCTORS The supply of PVC insulated stranded single core copper conductors drawn into conduits and ducting											
6.2.1	2.5mm ² PVC black and red Supply	m	500			200			200			
6.2.2	4mm ² PVC black and red Supply	m	500			200			200			
6.2.3	2.5mm ² PVC insulated green/yellow earth wire Supply	m	500			200			200			
6.3	SOCKET OUTLETS AND ISOLATORS											
6.3.1	16A 3 pin single switch socket outlets complete with range coverplates Supply	each	100			100			100			
6.3.2	16A 3 pin double switch socket outlets complete with range coverplates Supply	each	50			20			20			
TOTAL CARRIED FORWARD TO THE NEXT PAGE												



TOTAL BROUGHT FORWARD FROM THE PREVIOUS PAGE												
ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT A	QTY	RATE	AMOUNT B	QTY	RATE	AMOUNT C	TOTAL AMOUNT
6.3.3	16A 3 pin double pedestal switch socket outlets complete with range coverplates Supply	each	5			5			5			
6.3.4	Cluster unit with 2 pin, 2 essential switched socket outlets with data and telephone point in diamond range cover or similar Supply	each	5			5			5			
6.3.5	5A switchless socket outlets Supply	each	30			30			30			
6.3.6	60 Ampere, triple pole isolator for Hot water cylinder, including diamond range cover Supply	each	20			10			10			
6.3.7	40 Ampere double pole for Stove Isolator including diamond range or similar cover Supply	each	5			5			5			
6.3.8	25 Ampere, one lever surface weatherproof isolator for cassette room airconditioner Supply	each	10			10			10			
6.3.9	30 Ampere, triple pole isolator Supply	each	50			50			50			
TOTAL CARRIED FORWARD TO THE NEXT PAGE												



TOTAL BROUGHT FORWARD FROM THE PREVIOUS PAGE												
ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT A	QTY	RATE	AMOUNT B	QTY	RATE	AMOUNT C	TOTAL AMOUNT
6.4	POWER SKIRTING AND POWER TRUNKING The supply of modular pre-galvanised 2 compartment power skirting or power trunking complete with 2 separate clip on steel full length covers colour hospital grey or similar. Endcap/top end, Inside Bend, OutsideBend, Corner Riser, Mid Point "TEE" Riser etc.											
6.4.1	2 compartment P802 power ducting complete with 55mm cover											
	Supply	m	50			50			50			
6.4.2	16A 3 pin round socket outlet											
	Supply	each	10			10			10			
6.4.3	16A 3 pin flat dedicated socket outlet											
	Supply	each	30			30			30			
TOTAL BILL NO.6 CARRIED OVER TO SUMMARY OF BILLS												



BILL NO.7: AREA/PERIMETER LIGHTING

ITEM	DESCRIPTION	UNIT	QTY	YEAR ONE		YEAR TWO		YEAR THREE		TOTAL AMOUNT A+B+C
				AMOUNT A	QTY	AMOUNT B	QTY	RATE	AMOUNT B	
7.1	BILL NO.7: AREA/PERIMETER LIGHTING LOW VOLTAGE CABLE									
	Maintain, Provide, test and commission the following 1.000V ECC/SWA/ECC copper cable.									
7.1.1	6mm ² x 3 core ECC									
	supply	m	600			400			400	
	Termination	each	20			10			10	
7.1.2	2.5mm ² x 3 core ECC									
	supply	m	400			300			300	
	Termination	each	10			10			10	
7.3	LUMINAIRES									
	Maintain, provide, install and connect completely the following light fittings as described and light accessories. Light fittings shall be complete with lamps and shall be SANS approved.									
7.3.1	similar type post top luminaires to provide area lighting along the parking area. Police Blue indicator light. Written POLICE. The luminaire consists of a spigot base, optical compartment with integral control gear and top cover and is designed to operate LEDs of up to 54W									
	Supply	each	20			20			20	
7.3.2	similar type post top luminaire to provide lighting along the area. The luminaire shall have a housing with a spigot base, top cover, glare shield. Marine grade high pressure die cast aluminium, protected by high impact acrylic. The luminaire shall have IP rating of 65 with high impact acrylic. The entry shall be at the bottom. Equal or similar to bekashine									
	Supply	each	20			20			10	
TOTAL CARRIED FORWARD TO THE NEXT PAGE										



TOTAL BROUGHT FORWARD FROM THE PREVIOUS PAGE

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT A	QTY	RATE	AMOUNT B	QTY	RATE	AMOUNT C	TOTAL AMOUNT	
7.3.3	Similar Post top: The luminaire consists of a spigot base. The luminaire must be designed to operate LEDs up to 54 watts. The high-impact non-discolouring acrylic diffuser bowl is hexagonal in shape and is smooth on the outside, but has internal prismatic to reduce the direct glare component. Supply	each	10			10			5				
7.3.4	LED Flood light: The body is high pressure die cast aluminium finished. The luminaire to be powered with LED modules. Power of 220V to 240V and must have a surge protection Supply	each	10			10			5				
7.3.5	Floodlight: The body must of high pressure cast aluminium and the control housing as well. The diffuser must be tempered glass. The luminaire must be able to use with metal halide or HPS (High pressure sodium) Supply	each	10			10			10				
7.3.6	Streetlight: The body, gear compartment lid, and bulkhead must be manufactured from high pressure UV stabilised. The gasket between the diffuser and the body must be silicone. The luminaire clips and the diffuser must be stainless steel. Supply	each	20			10			10				
7.3.7	Bulkhead luminaire: The diffuser must be designed for glare control and high impact protection. The housing must be high pressure die cast aluminium and corrosion resistant and suitable to install in coastal areas. The luminaire must be able to operate LED lights and retrofit of 70watt-100watt HPS and mercury vapour. Supply	each	30			20			20				
7.3.8	4,5m Galvanized steel pole or similar for post top luminaire Supply	each	10			6			6				
TOTAL CARRIED FORWARD TO THE NEXT PAGE													



TOTAL BROUGHT FORWARD FROM THE PREVIOUS PAGE												
ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT A	QTY	RATE	AMOUNT B	QTY	RATE	AMOUNT C	TOTAL AMOUNT
7.3.9	9.5m Galvanized steel pole or similar for flood lights											
	Supply	each	3			3			3			
	Supply	each										
	Starters	each	30			10			10			
	Ballast/choke	each	80			80			60			
	Ignitor	each	30			10			10			
	Capactors	each	50			50			50			
	Diffuser	each	10			10			10			
	Control gear housing	each	10			10			10			
	Retrofitting: Removing part of existing fixture and install new components compatible with the existing wiring. Make certain that the lumen output is equal to the existing to avoid the compromising of the original lux level to the											
7.3.10	designer.											
	Compact Fluorescent lamp tubes (CFL) T5/T8/T9 to LED	each	50			50			50			
	Compact Fluorescent (CFL) bulkhead light fittings PL9/18/20 to LED	each	50			50			50			
	Halogen Lights lamp to LED	each	50			50			50			
	High pressure sodium street lights/flood light (HPS) to LED	each	50			50			50			
	Metal halide street light/flood light to LED	each	50			50			50			
TOTAL BILL NO. 7 CARRIED OVER TO SUMMARY OF BILLS												

ITEM	DESCRIPTION	UNIT	QTY	YEAR ONE		YEAR TWO		YEAR THREE			TOTAL AMOUNT A+B+C	
				RATE	AMOUNT A	QTY	RATE	AMOUNT B	QTY	RATE		AMOUNT C
BILL NO 8: DAY WORK (LABOUR/INSTALL AND TRANSPORT COSTS) NON SCHEDULED ITEMS												
8	BILL NO.8: DAY WORK (LABOUR/INSTALL AND TRANSPORT COSTS) AND NON-SCHEDULED ITEMS											
8.1	DAY WORK											
8.1.1	Normal Hours											
	Electrician (Supervisor)	Hour	150			100				100		
	Electrician Artisan	Hour	400			300				200		
	Semi-skilled labourer	Hour	400			300				200		
	General labourer	Hour	400			300				200		
8.2	TRANSPORT COST											
	All distance for inspection, repairs, maintenance and any installation will be measure from reference location identified at Kimberley											
8.2.1	Type A (1Ton) vehicle travelling rate	km	1600			1600				1000		
8.2.2	Type B (2Ton) vehicle travelling rate	km	500			500				500		
8.2.3	Use of a self-propelled cherry picker	hr	20			10				10		
8.2.4	Use of TLB	hr	20			10				10		
8.3	ELECTRICAL COC'S											
	Testing and commissioning of electrical installation or provision of supplementary COC as per SANS 10142-1 and submit Certificate of Compliance.											
8.3.1	Allowance amount for COC's	Sum	6			4				2		
8.4	NON-SCHEDULED ITEMS											
	This item includes labour and material. Quotation to be submitted prior the commencement of works. No payment will be made without proof of payment and an instruction from the project leader.											
8.4.1	Allowance for non-schedule items	Sum	1	R 150 000,00	R 150 000,00	1	R150 000,00	R 150 000,00	1	R 100 000,00	R 100 000,00	R400 000,00
	Profit & Attendance to the above item	%										
TOTAL BILL NO.8 CARRIED OVER TO SUMMARY OF BILLS												

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

Project title:	DE AAR AREA AND SURROUNDING:REPAIR AND MAINTENANCE OF LOW VOLTAGE INSTALLATION AT VARIOUS CLIENTS (36 MONTHS TERM CONTRACT).		
Tender no:	ID-3275448	Reference no:	19/2/4/2/2/2026-2030

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

	Date	Title or Details
1.		
2.		
3.		
4.		
5.		
6.		
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11.		
12.		
13.		

Name of Tenderer	Signature	Date

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

Name of Tenderer	Signature	Date