



REQUEST FOR QUOTATION (RFQ)

RFQ NUMBER: RFQ06-01/01/2024

**APPOINTMENT FOR SUPPLY, INSTALLATION AND COMMISSIONING OF ELECTRICAL POWER SUPPLY
FOR THE NEW CANADA HOUSES AND PERWAY DEPOT FOR 3 MONTHS PERIOD IN THE GAUTENG
REGION.**

SECTION 1: SBD1

PART A INVITATION TO BID

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF PASSENGER RAIL AGENCY (PRASA)					
BID NUMBER:	RFQ06-01/01/2024	CLOSING DATE:	07 FEBRUARY 2024	CLOSING TIME:	12:00 PM
DESCRIPTION	APPOINTMENT FOR SUPPLY, INSTALLATION AND COMMISSIONING OF ELECTRICAL POWER SUPPLY FOR THE NEW CANADA HOUSES AND PERWAY DEPOT FOR 3 MONTHS PERIOD AT THE SOUTH GAUTENG REGION.				
BID RESPONSE DOCUMENTS SHALL BE ADDRESSED AS FOLLOWS:					
BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT (STREET ADDRESS): Umjantshi House Ground floor. 30 Wolmarans Street, Braamfontein Johannesburg 2001					
Hand delivery only! Briefing session: Compulsory @ New Canada Perway Depot Date: 25 January 2024 Time: 11:00am					
BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO					
CONTACT PERSON	Precius Leaba				
TELEPHONE NUMBER	011 013 1547				
E-MAIL ADDRESS	precius.leaba@prasa.com				
SUPPLIER INFORMATION					
NAME OF BIDDER					
POSTAL ADDRESS					
STREET ADDRESS					
TELEPHONE NUMBER	CODE		NUMBER		
CELLPHONE NUMBER					
FACSIMILE NUMBER	CODE		NUMBER		
E-MAIL ADDRESS					
VAT REGISTRATION NUMBER					
SUPPLIER COMPLIANCE STATUS	TAX COMPLIANCE SYSTEM PIN:		OR	CENTRAL SUPPLIER DATABASE No:	MAAA.....

<p>2.1 ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No <small>[IF YES ENCLOSURE PROOF]</small>	<p>2.2 ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No <small>[IF YES, ANSWER THE QUESTIONNAIRE BELOW]</small>
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QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS

IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)?	<input type="checkbox"/> YES <input type="checkbox"/> NO
DOES THE ENTITY HAVE A BRANCH IN THE RSA?	<input type="checkbox"/> YES <input type="checkbox"/> NO
DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA?	<input type="checkbox"/>
YES <input type="checkbox"/> NO	
DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA?	<input type="checkbox"/> YES <input type="checkbox"/> NO
IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION?	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>IF THE ANSWER IS “NO” TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 BELOW.</p>	

PART B: TERMS AND CONDITIONS FOR BIDDING

1. BID SUBMISSION:

- 1.1. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.
- 1.2. **ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED– (NOT TO BE RE-TYPED) OR IN THE MANNER**
- 1.3. **PRESCRIBED IN THE BID DOCUMENT.**
- 1.4. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT, 2000 AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2022, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.

2. TAX COMPLIANCE REQUIREMENTS

- 2.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.
- 2.2 BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VERIFY THE TAXPAYER’S PROFILE AND TAX STATUS.
- 2.3 APPLICATION FOR TAX COMPLIANCE STATUS (TCS) PIN MAY BE MADE VIA E-FILING THROUGH THE SARS WEBSITE WWW.SARS.GOV.ZA.
- 2.4 BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.

- 2.5 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.
- 2.6 WHERE NO TCS PIN IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.
- 2.7 NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE, COMPANIES WITH DIRECTORS WHO ARE PERSONS IN THE SERVICE OF THE STATE, OR CLOSE CORPORATIONS WITH MEMBERS PERSONS IN THE SERVICE OF THE STATE.”

NB: FAILURE TO PROVIDE / OR COMPLY WITH ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID.

SIGNATURE OF BIDDER:

CAPACITY UNDER WHICH THIS BID IS SIGNED:

(Proof of authority must be submitted e.g., company resolution)

DATE:

NB:

- ***Quotation(s) must be addressed to PRASA before the closing date and time shown above.***
- ***PRASA General Conditions of Purchase shall apply.***

SECTION 2

NOTICE TO BIDDERS

1. RESPONSES TO RFQ

Responses to this **RFQ06-01/01/2024** must not include documents or reference relating to any other quotation or proposal. Any additional conditions must be embodied in an accompanying letter.

Proposals must reach the PRASA before the closing hour on the date shown on SBD1 above and must be enclosed in a sealed envelope.

2 COMMUNICATION

Respondent/s are warned that a response will be liable for disqualification should any attempt be made either directly or indirectly to canvass any SCM Officer(s) or PRASA employee in respect of this RFQ between the closing date and the date of the award of the business.

3 BIDDERS COMPLAINTS PROCESS

3.1 Bidders are advised utilize this email address (SCM.Complaints@prasa.co.za) for lodging of complains to PRASA in relation to this bid process. The following minimum information about the bidder must be included in the complaint:

- 3.1.1 Bid/Tender Description
- 3.1.2 Bid/Tender Reference Number
- 3.1.3 Closing date of Bid/Tender
- 3.1.4 Supplier Name;
- 3.1.5 Supplier Contact details
- 3.1.6 The detailed compliant

4 LEGAL COMPLIANCE

The successful Respondent shall be in full and complete compliance with any and all applicable national and local laws and regulations.

5 CHANGES TO QUOTATIONS

Changes by the Respondent to its submission will not be considered after the closing date and time.

6 PRICING

All prices must be quoted in South African Rand on a fixed price basis, including all applicable taxes.

7 BINDING OFFER

Any Quotation furnished pursuant to this Request shall be deemed to be an offer. Any exceptions to this statement must be clearly and specifically indicated.

8 DISCLAIMERS

PRASA is not committed to any course of action as a result of its issuance of this RFQ and/or its receipt of a Quotation in response to it. Please note that PRASA reserves the right to:

- Modify the RFQ's goods / service(s) and request Respondents to re-bid on any changes.
- Reject any Quotation which does not conform to instructions and specifications which are detailed herein.
- Reject Quotations submitted after the stated submission deadline or at the incorrect venue.

Should a contract be awarded on the strength of information furnished by the Respondent, which after conclusion of the contract, is proved to have been incorrect, PRASA reserves the right to cancel the contract.

PRASA reserves the right to award business to the highest scoring bidder/s unless objective criteria justify the award to another Respondent.

Should the preferred fail to sign or commence with the contract within a reasonable period after being requested to do so, PRASA reserves the right to award the business to the next highest ranked Respondent provided that he/she is still prepared to provide the required goods at the quoted price.

9 LEGAL REVIEW

Proposed contractual terms and conditions submitted by a Respondent will be subjected to review and acceptance or rejection by PRASA's Legal Counsel, prior to consideration for an award of business.

10 NATIONAL TREASURY'S CENTRAL SUPPLIER DATABASE

Respondents are required to self-register on National Treasury's Central Supplier Database (CSD) which has been established to centrally administer supplier information for all organs of state and facilitate the verification of certain key supplier information. PRASA is required to ensure that price quotations are invited and accepted from prospective bidders listed on the CSD. Business may not be awarded to a respondent who has failed to register on the CSD. Only foreign suppliers with no local registered entity need not register on the CSD. The CSD can be accessed at <https://secure.csd.gov.za/>.

11 PROTECTION OF PERSONAL DATA

In responding to this bid, PRASA acknowledges that it may obtain and have access to personal data of the Respondents. PRASA agrees that it shall only process the information disclosed by Respondents in their response to this bid for the purpose of evaluating and subsequent award of business and in accordance with any applicable law.

Furthermore, PRASA will not otherwise modify, amend or alter any personal data submitted by Respondents or disclose or permit the disclosure of any personal data to any Third Party without the prior written consent from the Respondents. Similarly, PRASA requires Respondents to process any personal information disclosed by PRASA in the bidding process in the same manner.

12 EVALUATION METHODOLOGY

PRASA will utilise the following criteria not necessarily in this order in choosing a Supplier/Service Provider, if so required:

EVALUATION CRITERIA	WEIGHTING
Stage 1 – Compliance	
Stage 1A	Mandatory Requirements
Stage 1B	Non- Mandatory Requirements
Stage 2	
Technical/functional Criteria	Testing of capacity- meet minimum threshold of 60%
Stage 3	
Price	80
Specific Goals	20
TOTAL	100

13 ADMINISTRATIVE RESPONSIVENESS

The test for administrative responsiveness will include completeness of response and whether all returnable and/or required documents, certificates; verify completeness of warranties and other bid requirements and formalities have been complied with. Incomplete Bids will be disqualified.

14 VALIDITY PERIOD

- 14.1 PRASA requires a validity period of **60 Working Days** from the closing date.
- 14.2 Respondents are to note that they may be requested to extend the validity period of their response, on the same terms and conditions, if the internal processes are not finalized within the validity period. However, once the delegated authority has approved the process the validity of the successful respondent(s)' bid will be deemed to remain valid until finalization of the award.).

15 PUBLICATION OF INFORMATION ON THE NATIONAL TREASURY E-TENDER PORTAL

Respondents are to note that, bid awards, amendments and cancellations will be published on the e-tender portal and or media used to advertise the bid. For the award of business, PRASA is required to publish the prices and preferences claimed of the successful and unsuccessful Respondents *inter alia* on the National Treasury e-Tender Publication Portal, (www.etenders.gov.za), on CIDB website for construction related RFQ's. (*Where applicable*).

16 RETURNABLE DOCUMENTS

Returnable Documents means all the documents, Sections and Annexures, as listed in the tables below. There are three types of returnable documents as indicated below and Respondents are urged to ensure that these documents are returned with the quotation based on the consequences of non-submission as indicated below:

15.1. Mandatory Returnable Documents

Failure to provide Mandatory Returnable Documents at the Closing Date and time of this RFQ will result in a Respondent's disqualification. Respondents are therefore urged to ensure that all documents are returned with their Quotations.

SECTION 3

1. EVALUATION CRITERIA:

Bidders are to comply with the following requirements and failure to comply may lead to disqualification.

Stage 1A – Mandatory Requirements

If you do not submit/meet the following mandatory documents/requirements, you will be automatically disqualified.

Only bidders who comply with stage 1A will be evaluated further.

NO.	DESCRIPTION OF REQUIREMENT	TICK (X)
a)	Bidders to fill and sign the closing/ Submission register on submission of tender documents, failure to comply will result into disqualification	
b)	Submission of signed Briefing session Form D and signed briefing session attendance register. (Compulsory briefing session will be held on site)	
c)	Price Schedule / Pricing form (Bidders must ensure documents are completed in full), failure to comply will result into disqualification.	
d)	Completion of ALL RFQ documentation (includes ALL declarations, SBD documents/ forms signatures required and commissioner of oath signatures required)	
e)	Active CIDB grading level of 4 EP/EB or Higher. Bidder to ensure that their CIDB status is active on the system throughout the validity of the tender Note: A trust, consortium or joint venture (including unincorporated consortia and joint ventures) must submit a consolidated CIDB grading Verification Certificate for every separate tender	
f)	Joint Venture / Consortium agreement / Trust Deed/ Confirmation in writing of their intention to enter into a JV or consortium agreement signed by all parties and clearly indicate the LEAD CONTRACTOR (if applicable)	

Stage 1B –Non- Mandatory Requirements

If you do not submit/meet the following non-mandatory documents/requirements, PRASA may request the bidder to submit the information within five (5) working days. Should this information not be provided, your bid proposal will be disqualified.

Only bidders who comply with stage 1B will be evaluated further.

NO.	DESCRIPTION OF REQUIREMENT	TICK (X)
a)	Valid B-BBEE certificate from SANAS accredited rating agency (Original or Certified copy)/DTI / Companies and Intellectual Property Commission B-BBEE Certificate (Original or Certified copy) or Sworn Affidavit signed and stamped by the commissioner of Oath. Note: A trust, consortium, or joint venture (including unincorporated consortia and joint ventures) must submit a consolidated B-BBEE Certificate.	
b)	Company Registration Documents (Proof of Registration), Certificate of Incorporation or CK1.	
c)	Copies of Directors' ID documents;	
d)	Valid Tax Clearance Certificate and Valid Tax Pin letter (must be valid on closing date of submission of the proposal) issued by SARS.	
e)	CSD Summary report / CSD reference number	
f)	Proof of UIF registration	
g)	Proof of Bank Account (i.e. cancelled cheque or Letter issued by the Bank)	
h)	Valid certified copy of Letter of Good Standing (COIDA)	

STAGE 2

Technical/Functional Requirements

Scoring of Functionality

The minimum threshold for the technical/functional criteria is (60%) and bidders who score below this minimum will not be considered for further evaluation in terms of price and specific goals.

Summary of the technical/functional requirements are presented below:

	EVALUATION CRITERIA	weight
A	Company experience	30%
B	Key personnel experience	30%
C	Resources availability	20%
D	Health and safety	20%
	TOTAL	100%

CRITERIA FOR TECHNICAL EVALUATION OF A CONTRACTOR

CRITERIA FOR TECHNICAL EVALUATION OF A CONTRACTOR		
1. COMPANY'S EXPERIENCE		
Bidders should indicate the experience of previous work done within the Electrical Maintenance industry in the last 10 years. Only contracts/projects with a minimum value of R 1 000 000 will be considered.		
<p>Evidence required:</p> <p>The bidders are to submit the following documents:</p> <ul style="list-style-type: none"> Provide appointment letter/purchase order/signed contract document. Provide a Reference Letter/Completion Certificate corresponding to the Appointment Letter/Purchase Order/Contract document provided. The reference letter to indicate the following: company name, contact person and confirmation that work was completed One of the provided documents must indicate value of the contract. Points will be awarded only if both documents are submitted. 	<p>No submission or irrelevant submission – 0 points.</p> <p>Successfully completed 1 project – 1 points</p> <p>Successfully completed 2 projects – 2 points</p> <p>Successfully completed 3 projects – 3 points</p> <p>Successfully completed 4 projects – 4 points</p> <p>Successfully completed 5 projects – 5 points</p>	30%

2. KEY PERSONNEL EXPERIENCE

Years of experience of key personnel to be directly responsible for implementation of this contract. Provide CV's and qualifications or certificates of key personnel. **1 x Qualified electricians / Millwright with Red Seal Trade Test** will only be accepted.

Electrician / Millwright	No submission or irrelevant submission – 0 points 1yr experience to 2 years with relevant certification provided – 1 points. 2yrs experience or above with relevant certification provided – 2 points. 3yrs experience or above with relevant certification provided – 3 points. 4yrs experience or above with relevant certification provided – 4 points. 5yrs experience or above with relevant certification provided – 5 points.	30%
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3. Resources Availability

The bidder to submit proof of ownership or rental agreement of a list of vehicles suitable for the execution of the work. Suitable vehicles include "bakkies" or light duty pickup trucks.

- **For rental of vehicle a letter of intent on the letter head of the rental company or rental agreement will be enough.**
- For ownership of vehicle only proof from Traffic Dept will be accepted.

Proof Of Ownership of Vehicles	No proof of ownership /rental agreement provided – 0 points. Only proof of rental agreement provided, no proof of ownership – 1 point. Proof of ownership for one (1) vehicle and rental agreement – 2 points Proof of ownership for two (2) vehicles and rental agreement – 3 points Proof of ownership for three (3) vehicles and rental agreement - 4 points Proof of ownership for four (4) vehicles and rental agreement - 5 points	20%
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4. Health and Safety

The bidder to submit a safety plan that is in accordance with the OHS ACT OF 1993 and Passenger Rail Agency of South Africa Health and safety Specification.

<p>The following must be provided to get points on this criterion.</p> <p>i. Operational structure with minimum of one (1) maintenance crew (each crew to have an Artisan Electrician/ millwright and assistant)</p> <p>ii. First Aider (valid certification required) to be part of the team.</p> <p>iii. Risk assessment specific to Electrical maintenance.</p> <p>iv. Valid letter of good standing .</p>	<p>Non-Submission of documents – 0 Points</p> <p>Only One (1) item submitted from the 4 listed in the left column – 1 points.</p> <p>Only Two (2) item submitted from the 4 listed in the left column – 2 points.</p> <p>Only Three (3) item submitted from the 4 listed in the left column – 3 points.</p> <p>Only Four (4) item submitted from the 4 listed in the left column – 4 points.</p> <p>All Five (5) item submitted from the 4 listed in the left column – 5 points.</p>	20%
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STAGE 3

Price and Specific Goals

The following formula, shall be used to allocate scores to the interested bidders:

The maximum points for this tender are allocated as follows:

DETAILS	POINTS
PRICE	80
SPECIFIC GOALS	20
TOTAL POINTS FOR PRICE AND SPECIFIC GOALS	100

FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

POINTS AWARDED FOR PRICE THE 80/20 PREFERENCE POINT SYSTEMS

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

80/20

$$PS = 80 \left(1 - \frac{Pt - P_{min}}{P_{min}} \right)$$

Where

Ps = Points scored for price of tender under consideration

Pt = Price of tender under consideration

Pmin = Price of lowest acceptable tender

POINTS AWARDED FOR SPECIFIC GOALS

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

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

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

The specific goals allocated points in terms of this tender	Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (80/20 system) (To be completed by the tenderer)
51% BLACK WOMAN OWNED	10	
EME OR QSE 51% BLACK OWNED	10	

The following table must be used as guide to determine acceptable evidence for Specific Goals:

SPECIFIC GOALS	ACCEPTABLE EVIDENCE
51% BLACK WOMAN OWNED	CIPC documents or BB-BEE certificate or sworn affidavit
EME or QSE 51% BLACK OWNED	CIPC documents or BB-BEE certificate or sworn affidavit

SECTION 4

PRICING AND DELIVERY SCHEDULE

Respondents are required to complete the attached Pricing Schedule **Annexure:**

- 1 Prices must be quoted in South African Rand, inclusive of all applicable taxes.
- 2 Price offer is firm and clearly indicate the basis thereof.
- 3 Pricing Bill of Quantity is completed in line with schedule if applicable.
- 4 Cost breakdown must be indicated.
- 5 Price escalation basis and formula must be indicated.
- 6 To facilitate like-for like comparison bidders must submit pricing strictly in accordance with this price schedule and not utilise a different format. Deviation from this pricing schedule could result in a bid being declared non-responsive.
- 7 Please note that should you have offered a discounted price(s), PRASA will only consider such price discount(s) in the final evaluation stage on an unconditional basis.
- 8 Respondents are to note that if price offered by the highest scoring bidder is not market related, PRASA may not award the contract to the Respondent. PRASA may:
 - 9 negotiate a market-related price with the Respondent scoring the highest points;;
 - 10 if that Respondent does not agree to a market-related price, negotiate a market-related price with the Respondent scoring the second highest points;
 - 11 if the Respondent scoring the second highest points does not agree to a market-related price, negotiate a market-related price with the Respondent scoring the third highest points;
 - 12 If a market-related price is not agreed with the Respondent scoring the third highest points, PRASA must cancel the RFQ.

I / We _____ (Insert Name of Bidding Entity) _____ of _____

code _____

(Full address) conducting business under the style or title of: _____

represented by: _____ in my capacity as: _____

_____ being duly authorized, hereby offer to undertake and complete the above-mentioned work/services at the prices quoted in the bills of quantities / schedule of quantities or, where these do not form part of the contract, at a lumpsum, of R _____ (amount in numbers);

_____ (amount in words) Incl.

VAT.

DELIVERY PERIOD: Suppliers are requested to offer their earliest delivery period possible.

Delivery will be affected within working days from date of order. (To be completed by Service provider)

SECTION 5

PRASA GENERAL CONDITIONS OF PURCHASE

General

PRASA and the Supplier enter into an order/contract on these conditions to supply the items (goods/services/works) as described in the order/contract.

Conditions

These conditions form the basis of the contract between PRASA and the Supplier. Notwithstanding anything to the contrary in any document issued or sent by the Supplier, these conditions apply except as expressly agreed in writing by PRASA.

No servant or agent of PRASA has authority to vary these conditions orally. These general conditions of purchase are subject to such further special conditions as may be prescribed in writing by PRASA in the order/contract.

Price and payment

The price or rates for the items stated in the order/contract may include an amount for price adjustment, which is calculated in accordance with the formula stated in the order/contract.

The Supplier may be paid in one currency other than South African Rand. Only one exchange rate is used to convert from this currency to South African Rand. Payment to the Supplier in this currency other than South African Rand, does not exceed the amounts stated in the order/contract. PRASA pays for the item within 30 days of receipt of the Suppliers correct tax invoice.

Delivery and documents

The Supplier's obligation is to deliver the items on or before the date stated in the order/contract. Late deliveries or late completion of the items may be subject to a penalty if this is imposed in the order/contract. No payment is made if the Supplier does not provide the item as stated in order/contract.

Where items are to be delivered the Supplier:

Clearly marks the outside of each consignment or package with the Supplier's name and full details of the destination in accordance with the order and includes a packing note stating the contents thereof; On dispatch of each consignment, sends to PRASA at the address for delivery of the items, an advice note specifying the means of transport, weight, number of volume as appropriate and the point and date of dispatch; Sends to PRASA a detailed priced invoice as soon as is reasonably practical after dispatch of the items, and states on all communications in respect of the order the order number and code number (if any).

Containers / packing material

Unless otherwise stated in the order/contract, no payment is made for containers or packing materials or return to the Supplier.

Title and risk

Without prejudice to rights of rejection under these conditions, title to and risk in the items passes to PRASA when accepted by PRASA.

Rejection

If the Supplier fails to comply with his obligations under the order/contract, PRASA may reject any part of the items by giving written notice to the Supplier specifying the reason for rejection and whether and within what period replacement of items or re-work are required.

In the case of items delivered, PRASA may return the rejected items to the Supplier at the Supplier's risk and expense. Any money paid to the Supplier in respect of the items not replaced within the time required, together with the costs of returning rejected items to the Supplier and obtaining replacement items from a third party, are paid by the Supplier to PRASA.

In the case of service, the Supplier corrects non-conformances as indicated by PRASA.

Warranty

Without prejudice to any other rights of PRASA under these conditions, the Supplier warrants that the items are in accordance with PRASA's requirements, and fit for the purpose for which they are intended, and will remain free from defects for a period of one year (unless another period is stated in the Order) from acceptance of the items by PRASA.

Indemnity

The Supplier indemnifies PRASA against all actions, suits, claims, demands, costs, charges and expenses arising in connection therewith arising from the negligence, infringement of intellectual or legal rights or breach of statutory duty of the Supplier, his subcontractors, agents or servants, or from the Supplier's defective design, materials or workmanship.

The Supplier indemnifies PRASA against claims, proceedings, compensation and costs payable arising out of infringement by the Supplier of the rights of others, except an infringement which arose out of the use by the Supplier of things provided by PRASA.

Assignment and sub-contracting

The successful Respondent awarded the contract may only enter into a subcontracting arrangement with PRASA's prior approval. The contract will be concluded between the successful Respondent and PRASA, therefore, the successful Respondent and not the sub-contractor will be held liable for performance in terms of its contractual obligations.

Governing law

The order/contract is governed by the law of the Republic of South Africa and the parties hereby submit to the non-exclusive jurisdiction of the South African courts.

SECTION 6

SBD4

BIDDER'S DISCLOSURE

1. PURPOSE OF THE FORM

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

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

2. Bidder's declaration

2.1 Is the bidder, or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest¹ in the enterprise, employed by the state? **YES/NO**

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

Full Name	Identity Number	Name of State institution

2.2 Do you, or any person connected with the bidder, have a relationship with any person who is employed by the procuring institution? **YES/NO**

2.2.1 If so, furnish particulars:

.....
.....

2.3 Does the bidder or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest in the enterprise have any interest in any other related enterprise whether or not they are bidding for this contract? **YES/NO**

2.3.1 If so, furnish particulars:

.....
.....

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

3 DECLARATION

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

- 3.1 I have read and I understand the contents of this disclosure;
- 3.2 I understand that the accompanying bid will be disqualified if this disclosure is found not to be true and complete in every respect;
- 3.3 The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium² will not be construed as collusive bidding.
- 3.4 In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications, prices, including methods, factors or formulas used to calculate prices, market allocation, the intention or decision to submit or not to submit the bid, bidding with the intention not to win the bid and conditions or delivery particulars of the products or services to which this bid invitation relates.
- 3.4 The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.
- 3.5 There have been no consultations, communications, agreements or arrangements made by the bidder with any official of the procuring institution in relation to this procurement process prior to and during the bidding process except to provide clarification on the bid submitted where so required by the institution; and the bidder was not involved in the drafting of the specifications or terms of reference for this bid.
- 3.6 I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

I CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 1, 2 and 3 ABOVE IS CORRECT.
I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME IN TERMS OF PARAGRAPH 6 OF PFMA SCM INSTRUCTION 03 OF 2021/22 ON PREVENTING AND COMBATING ABUSE IN THE SUPPLY CHAIN MANAGEMENT SYSTEM SHOULD THIS DECLARATION PROVE TO BE FALSE.

.....
Signature

.....
Date

.....
Position

.....
Name of bidder

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

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

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

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

1. GENERAL CONDITIONS

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

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

1.2 **To be completed by the organ of state**

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

1.3 Points for this tender (even in the case of a tender for income-generating contracts) shall be awarded for:

- (a) Price; and
- (b) Specific Goals.

(c) To be completed by the organ of state:

The maximum points for this tender are allocated as follows:

	POINTS
PRICE	80
SPECIFIC GOALS	20
Total points for Price and Specific Goals	100

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

2. DEFINITIONS

- (a) “**tender**” means a written offer in the form determined by an organ of state in response to an invitation to provide goods or services through price quotations, competitive tendering process or any other method envisaged in legislation.
- (b) “**price**” means an amount of money tendered for goods or services, and includes all applicable taxes less all unconditional discounts.
- (c) “**Rand value**” means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;
- (d) “**tender for income-generating contracts**” means a written offer in the form determined by an organ of state in response to an invitation for the origination of income-generating contracts through any method envisaged in legislation that will result in a legal agreement between the organ of state and a third party that produces revenue for the organ of state, and includes, but is not limited to, leasing and disposal of assets and concession contracts, excluding direct sales and disposal of assets through public auctions; and
- (e) “**The Act**” means the Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000).

3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

3.2. POINTS AWARDED FOR PRICE

3.1.1 THE 80/20 PREFERENCE POINT SYSTEMS

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

80/20

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

Where

Ps = Points scored for price of tender under consideration

Pt = Price of tender under consideration

Pmin = Price of lowest acceptable tender

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

3.3.1. POINTS AWARDED FOR PRICE

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

80/20

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

Where

Ps = Points scored for price of tender under consideration

Pt = Price of tender under consideration

Pmax = Price of highest acceptable tender

4. POINTS AWARDED FOR SPECIFIC GOALS

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

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

- (a) an invitation for tender for income-generating contracts, that either the 80/20 or 90/10 preference point system will apply and that the highest acceptable tender will be used to determine the applicable preference point system; or
- (b) any other invitation for tender, that either the 80/20 or 90/10 preference point system will apply and that the lowest acceptable tender will be used to determine the applicable preference point system, then the organ of state must indicate the points allocated for specific goals for both the 90/10 and 80/20 preference point system.

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

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

The specific goals allocated points in terms of this tender	Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (80/20 system) (To be completed by the tenderer)
51% BLACK WOMAN OWNED	10	
EME OR QSE 51% BLACK OWNED	10	

DECLARATION WITH REGARD TO COMPANY/FIRM

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

4.4. Company registration number:

4.5. TYPE OF COMPANY/ FIRM

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

[TICK APPLICABLE BOX]

4.6. I, the undersigned, who is duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the specific goals as advised in the tender, qualifies the company/ firm for the preference(s) shown and I acknowledge that:

- i) The information furnished is true and correct.

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

.....
SIGNATURE(S) OF TENDERER(S)

SURNAME AND NAME:

DATE:

ADDRESS:

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

SECTION 8

1. INTRODUCTION

The works is: Appointment of a contractor to supply, installation, of 200KVA transformer, Distribution of electrical power supply to New Canada houses and Perway Depot.

2. BACKGROUND OF THE PROJECT

3. DETAILS OF THE PREFERRED SOLUTION

The preferred solution is to procure a service provider to supply, installation, of 200KVA transformer, Distribution of electricity supply to residential houses and Perway Depot.

4. AREAS TARGETED FOR THIS PRODUCTS OR WORK OR SERVICE REQUIRED.

4.1 New Canada Residential Houses: Surroundings of Facilities Depot.

5. SCOPE OF WORK

The scope of works entails supply, installation, of 200KVA transformer, Distribution of electricity supply to residential houses and Perway Depot.

The high-level scope of work to be executed under this project will include, but not.

Limited to the following:

5.1 New Canada Residential Houses

5.1.1. Supply of a 200KVA Transformer.

5.1.2. Distribution of electricity to the houses which includes Cable laying and installation of necessary kiosks for the project.

5.1.3. Wiring of the residential houses.

6. SPECIFICATIONS

6.1 ELECTRICAL WORKS

6.1.1 3 phase , Dyn 11, 200 KVA , 6.6 / 400 V stepdown transformer.

6.1.2 70mm 4 Core ECC Cable.

6.1.3 1.5mm sufix wire.

6.1.4 2.5mm sufix wix

6.1.5 100 W LED flood lights.

6.1.6 Primary and secondary electrical Kiosk.

6.1.7 Sub DB's/ Electrical boxes.

6.1.8 MCCB/ MCB's.

6.1.9 Cable trays.

6.1.10 Trenching, backfilling, and compacting.

6.1.11 Concrete works.

7. WARRANTY

The repaired components must be supplied with a 12-month warranty from the date of fitment for the work that was carried out.

8. COMPLIANCE

- 8.1 Non-conformances (NCR) must be returned within 10 working days.
- 8.2 All components, once tested and certified, shall be issued with a compliance certificate.
- 8.3 All components must have a quality assurance label indicating the name of the organization, date, card tested by.
- 8.4 All components should be SABS approved.

9. PERIOD

Project period is 3 months.

10. PRICE ADJUSTMENTS

Prices will be fixed for the duration of this contract.

11. PENALTIES

- 11.1. Should the Contractor fail to deliver on or before the agreed date, a penalty of 1% per day will be charged on the total value of the Purchase order (PO) but shall not exceed 10 percent of the total value of the PO.
- 11.2. PRASA CRES reserves the right to test the product at any given time during the contract period for compliance. The Contractor will be held liable with costs for any deviations in the specifications which may have resulted in damages and downtime to Rolling Stock equipment. A meeting will be convened by both parties to discuss the outcome of the investigation and the costs incurred.

12. DEMOLITION

The contractor is responsible for the demolition of the existing equipment and the transportation of the existing equipment from site station to Langlaagte Electrical depot.

13. OVERALL STAFFING AND KEY PROFESSIONAL STAFF

A contractor shall provide qualified and experienced professional staff for the following.

- 13.1 Project manager
- 13.2 Electrician / millwright / electro mech.
- 13.3 Construction health and safety officer

14. MINIMUM QUALIFICATIONS OF KEY PROFESSIONAL STAFF

- 14.1 Project manager - Electrical qualification (Degree, Diploma or N-level certificate).
- 14.2 Electrician / millwright / electro mech- Minimum 5 years' experience in Electrical building environment.
- 14.3 Construction health and safety officer - The desired minimum qualifications for the Construction Health and Safety Officer are as follows: Minimum of 3 years industry experience as a health and safety officer.

15. GENERAL INFORMATION

- 15.1 The contract shall be registered with the ECB as laid down in the Electrical a. Installation Regulations of the Occupational Health and Safety Act 85/1993, clause 5.
- 15.2 The electrical contractor shall be or have in his employment an accredited person Proof must be supplied of the above requirements.
- 15.3 All materials/components shall be of high standard (SABS approved)
- 15.4 A contractor is not allowed to sub- contract without the permission of the Prasa project manager.
- 15.5 Contractor: Successful tender who is appointed by PRASA-CRES and will be responsible for carrying out the work as per this specification.
- 15.6 The Contractor shall always be responsible for supervision of the work and for follow-up instructions to monitor that the work is being done to specification. He shall immediately take appropriate remedial action, in areas where the specified standards are not achieved.
- 15.7 The Contractor shall allow PRASA representatives to visit plant workshop sites anytime to monitor/inspect construction process and ticket office facilities.
- 15.8 The PRASA Maintenance engineering department shall at any time during Contract periods carry out inspection of the contractor's performance methods and procedures.
- 15.9 The contractor shall provide transport, equipment, tools, consumables, supervision, protection, and labor necessary to successfully complete the contract.

16. SAFETY

- 16.1 The Contractor shall comply with requirements of safety legislations and regulations in all respects.
- 16.2 The contract shall submit a COVID -19 safety compliance plan.
- 16.3 All vehicles shall be roadworthy.
- 16.4 The contractor shall be responsible for security of personnel and material onsite as well as during transit.
- 16.5 Normal protection measures in accordance with the Protection Manual shall apply.

- 16.6 An effective safety procedure to be followed by all personnel on any work site in the case of approaching rail traffic shall be compiled by the Contractor and implemented before any work commences. This procedure shall be updated whenever the need arises, and any changes shall be communicated to all employees on a works site before work proceeds.
- 16.7 It is the requirement of this contract that the contractor should provide PRASA with a Safety File with a detailed safety plan prior to being issued with a site access certificate, in accordance with the latest version of the OHS Act and the SPK7 and the E4E. (safety file check list shall be provided by PRASA).
- 16.8 The Contractor shall make necessary arrangements for sanitation, water, and electricity on site during the installation of the equipment.

17. COMMISIONING AND TESTING

Designated PRASA personnel, in conjunction with the Contractor, shall carry out the final commissioning test. The Contractor shall carry out any remedial work, necessary.

18. HANDING OVER

The handovers shall be for each portion of the work when the Electrical System is tested and commissioned to the satisfaction of the Project Manager, in accordance with the details as set out in the handing over documentation by PRASA.

19. SECURITY

The contractor shall provide on-site security for personnel and material stock and should ensure that patrols are in place at the section handed over to the contractor and until the completed work is handed over to PRASA. No claims of material or losses shall be lodged with the client for stolen goods during the construction before the completed work is handed over to PRASA.

20. GRADING – Class of Work: Grade 4 EP / EB

21. MEASUREMENT AND PAYMENTS

- 21.1 Completed work will be inspected and Invoices will be submitted to finance department after passing the inspection and testing.
- 21.2 Any rejected and incomplete work will not be paid for until it is rectified.

22. PRICING SCHEDULE

- 22.1 Prices must be quoted in South African Rand, inclusive of all applicable taxes.
- 22.2 The price offer is firm and clearly indicates the basis thereof.
- 22.3 Pricing Bill of Quantity is completed in line with schedule if applicable.
- 22.4 Cost breakdown must be indicated.
- 22.5 Price escalation basis and formula must be indicated.
- 22.6 To facilitate like-for-like comparison bidders must submit pricing strictly in accordance with this price schedule and not utilize a different format. Deviation from this pricing schedule could result in a bid being declared non-responsive.
- 22.7 PRASA CRES is not obligated to appoint the lowest bidder.
- 22.8 Pricing Preliminary & Generals, Health & safety should be inclusive of all stations on tender.

SECTION 9

BILL OF QUANTITIES

BILL OF QUANTITIES NEW CANADA HOUSES AND PERWAY DEPOT

SUPPLY AND INSTALL ELECTRICAL POWER SUPPLY TO NEW CANADA HOUSES AND PERWAY DEPOT						
Item No.	Description	Unit	Quantity	Rate/unit	Amount	
	BILL OF QUANTITIES					
	ELECTRICAL WORKS					
A bidder shall refer to the Project specification for detailed information per item						
1	Premiliary and General	sum	1			
OCCUPATIONAL HEALTY AND SAFETY						
1.2	Compliance with Occupational Health and Safety Act (Act 85 of 1993) and its regulations and with the Employers Health and Safety	sum	1			
REMOVAL OF EXISTING WORKS.						
1.3	Existing cables, wiring and fittings.	sum	1			
SECTION 2						
TRANSFORMER						
2.0	Supply, install and commission a 3 phase 6.6 / 400 V, Dyn 11, 50 Hz 200 KVA pole mounted transformer	sum	1			
CABLING, LIGHTS AND STEEL WORKS						
2.1	Supply and install 70mm ² 600/1000V ABC (incl. the H frame) complete with terminations, lugs, anti-climbing protection steel cage etc.	M	150			

2.2	Supply and install I beam to hold the bundle conductor with all accessories.	sum	2			
2.3	Supply and install H frame to accommodate the transformer. I beam to hold the bundle conductor with all accessories.	sum	1			
2.4	Re-wire all the houses with complete circuits.	sum	10			

KIOKS (PRIMARY AND SECONDARY DISTRIBUTION BOARD)

2.5	Supply and install a full IP55 mild steel enclosure orange - double door. 6 x 16 way (1020H X 1100W 205D) Earth & neutral bars on each row. Busbar included.	sum	1			
2.6	Supply and install a full IP55 mild steel enclosure orange - double door. 3 x 24 way (476H x 465W x 115D) Earth & neutral bars on each row. Busbar included.	sum	1			

LIGHTING

2.7	Supply and install 8m x 1 pole with x 2 ,100w flood lights on the entrance to the Depot With complete accessories	sum	2			
2.8	Design, supply and install wall mounted 150 W outdoor industrial lights for each house with associated components including clamps, cables, fittings.	sum	10			
2.9	Design, supply and construct a 4 x M36 foundations bolt group (I beam). NB: drawing No. CEE- TQ-25. Drawing attached	sum	4			

SECTION 3

DIGGING OF TRENCHES AND BACK FILLING

3.1	Cutting of tar and re-surfacing after cable has been laid. 1000mm deep.	M3	2000			
3.2	Excavate existing ground to prepare incite layer and compact. Supply and compact final layer G5 material and backfill foundation trenches. NB to accommodate the cable from transformer to the kiosk, and houses.	M	2000			

DISTRIBUTION BOARD

3.3	Supply and install surface mounted industrial type AC distribution board. The board to be powder coated Eau-de-nil.	sum	1			
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WARNING NOTICES AND SIGNS

3.4	Supply and install a complete set of warning notices and signs as per the specifications including ratings and kiosk equipment labels.	sum	1			
MANUALS AND DATA PACK						
3.5	Provide 2 sets of detailed operating and maintenance instructions of the transformers and other electrical equipment. Hard copies and electronic format on CD/Memory Stick.	set of 2	2			
3.6	Testing, commission and issuing of COC	sum	1			
				TOTAL (EXCLUDING VAT)	R	
				<u>VAT@ 15%</u>	R	
				TOTAL (INCLUDING VAT)	R	

SECTION 10

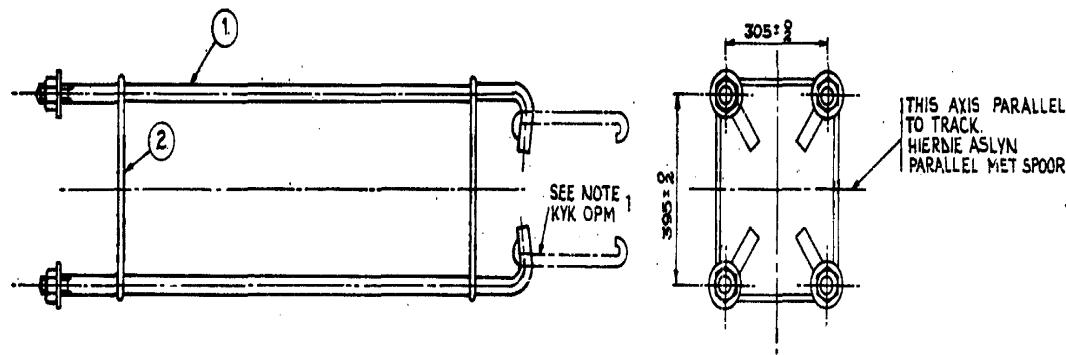
ORIGINAL FRAME SIZE
OORSPRNLKE RAAMGROOTTE 390 x 267

ITEM	DESCRIPTION~BESKRYWING	QTY. HVLD.	STORES MAGASYN	DRG. NO.	NO. CEE- TEK.	AMENDMENTS WYSIGINGS
1.	BOLT, FOUNDATION. BOUT, FONDAMENT.	4	—	TQ-50	NO.	NAME NAAM
2.	RING, RETAINING. RING, KEER-.	2	—	TQ-48	9. B. Stewart	DATE DATUM 81-07-21

NOTES/OPMERKINGS

1. BIND EXTENSION PIECES (CEE-TQ-30) ONTO FOUNDATION BOLTS WHEN REQUIRED, TO BRING REINFORCEMENT WITHIN 300mm OF BOTTOM OF FOUNDATION HOLE.
BIND VERLENGINGSTUKKE AAN FONDAMENTBOUTE VAS WANNEER VEREIS, OM VERSTERKING BINNE 300mm VAN BOELEM VAN FONDAMENTGAT TE BRING.
2. COAT THREADS WITH ANTI-CORROSION PASTE TO SPEC
BEDEK SKROEFDRAAD MET KORROSIEWERENDE PASTA VOLG. SPES.
CEE-T-P4A-9. STORES/MAGASYN ITEM NO. 9/21545.
3. FOR METHOD OF ATTACHING ITEM 2 TO ITEM 1 SEE DRG. CEE-TQ-41
VIR METODE OM ITEM 2 AAN ITEM 1 VAS TE HEG KYK TEK.

REDRAWN. ASSOCIATED
DRG. NO'S. CHANGED.
OORGETEKEN. VERWANTE
TEK. NO'S. VERANDER.
D.O.REF. T1/81/26
T.K. VERW. T1/81/26



DIMENSIONS: MILLIMETRES.
AFMETINGS: MILLIMETER.

0 500 1000

DRN. GEN. TOLERANCES: LIN ± 5
GET. VAN EMMENIS ALG. TOLERANSIES: LANG/HOEK.

TRCD. D.O.REF. ENG.
N.G. VAN EMMENIS T1-KV-PW. J72/96 NR.

CKD. J.A. BOTHMA DATE 73-8-24. F. PIENAAR for/s
NGS. CHIEF ELECTRICAL ENGINEER S. R. JOHANNESBURG.
ELEKTRIESE HOOFINGENIEUR S. A. S.

4 x M36 FOUNDATION BOLT GROUP
FOR 203 x 152 I-MASTS AND 206 x 204 UNIVERSAL
COLUMNS.

4 x M36 FONDAMENTBOUTGROEP
VIR 203 x 152 I-MASTE EN 206 x 204 UNIVERSELE
KOLOMME.

CEE-TQ-17
CEE-TW-69
CEE-TW-124
CEE-TMB-31
CEE-TMB-67

ASSOCIATED DRG.
VERWANTE TEK.

DRAWING
TEKENING NO CEE-

TQ-25

A3
A4