



prasa

PASSENGER RAIL AGENCY
OF SOUTH AFRICA

REQUEST FOR QUOTATION (RFQ)

RFQ NUMBER: 08/02/2024 COT

Supply and Delivery of special tools and equipment -Braamfontein COT

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF PASSENGER RAIL AGENCY (PRASA)

BID NUMBER:	08/02/2024 COT	CLOSING DATE:	15 February 2024	CLOSING TIME:	12:00
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DESCRIPTION	Supply and Delivery of special tools and equipment -Braamfontein COT
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BID RESPONSE DOCUMENTS SHALL BE ADDRESSED AS FOLLOWS:

BID RESPONSE DOCUMENTS MUST BE HAND DELIVERED TO UMJANTSHI HOUSE, 30 WOLMARAANS, BRAAMFONTEIN, JOHANNESBURG ON OR BEFORE CLOSING DATE.

PLEASE ENSURE YOU SIGN SUBMISSION REGISTER.

BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO

CONTACT PERSON	Mahuna Mphela
TELEPHONE NUMBER	011 013 1784
E-MAIL ADDRESS	mmphele@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.....

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

- IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)? YES NO
- DOES THE ENTITY HAVE A BRANCH IN THE RSA? YES NO
- DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA? YES NO
- DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA? YES NO
- IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION? YES NO

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 PRESCRIBED IN THE BID DOCUMENT.**
- 1.3. 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.
- 1.4. **THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (SBD7).**

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.”

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.

SECTION 1: SBD1

PART A INVITATION TO BID

PART B: TERMS AND CONDITIONS FOR BIDDING

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 RFQ [**Quotations**] 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 complaint

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 VAT.

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;
- Disqualify Quotations submitted after the stated submission deadline;
- Not necessarily accept the lowest priced Quotation or an alternative bid;
- Bids lodged at the incorrect venue that reach the correct venue late will be regarded as late.
- Reject all Quotations, if it so decides;
- Place an order in connection with this Quotation at any time after the RFQ's closing date;
- Make no award at all.
- Award only a portion of the proposed goods / service/s which are reflected in the scope of this RFQ;
- split the award of the order/s between more than one Supplier/Service Provider should it at PRASA's discretion be more advantageous in terms of, amongst others, cost or developmental consideration; or

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 bidder 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.

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 1	Basic Compliance
Stage 2	
Price	80
Specific Goals	20
TOTAL	100

Stage 1 – Basic Compliance.

If you do not submit the following mandatory documents your Proposal/Quote will be disqualified automatically:

No.	Description of requirement	
a)	Price Schedule / Pricing form	

The following documents are non-mandatory and where not submitted, PRASA may request the documents and must be made available at the time of request:

No.	Description of requirement	
a)	Company Registration Documents	
b)	Copies of Directors' ID documents;	
c)	Valid Tax Clearance Certificate (must be valid on closing date of	

	submission of the proposal) and SARS Issued Pin	
d)	CSD report / CSD reference number	

12 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.

13 VALIDITY PERIOD

13.1 PRASA requires a validity period of **60 Business Days** from the closing date.

13.2 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 adjudication body has approved the process and award of the business to the successful respondent(s), the validity of the successful respondent(s)' response will be deemed to remain valid until a final contract has been concluded.

14 DISCLOSURE OF PRICES QUOTED

Respondents are to note that, on 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.

15 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:

16 Mandatory Returnable Documents

Failure to provide all these 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 these Documents are returned with their Quotations.

SECTION 3

1 EVALUATION CRITERIA: NB: Compliance Checklist Requirements for all Services/Goods and works

2 Interested bidders for this project shall be evaluated in terms for their administrative responsiveness, substantive responsiveness, technical/functional (capacity testing) evaluation and preference points. The evaluation committee shall use the following Evaluation Criteria depicted in table below for the selection of the preferred bidder that shall render / deliver the required works, goods and / or services.

POINTS AWARDED FOR SPECIFIC GOALS

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 RFQ 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)	Number of points claimed (80/20 system) (To be completed by the tenderer)	Evidence
B-BBEE Level 2 or Above	5		BBBEE Certificate issued by an approved agency certified by SANAS
Black Women owned	4		Certified copies of ID Documents of the Owners
Owned by black persons with disabilities	5		Certified copies of ID Documents of the Owners and Doctor's note confirming the disability
Black Youth owned	3		Certified copy of ID Documents of the Owners
Owned by people in the rural areas	3		Municipal/ESKOM bill or letter from Induna/chief confirming residential address not older than 3 months
TOTAL	20		

SECTION 4

PRICING AND DELIVERY SCHEDULE

Respondents are required to complete the attached Pricing Schedule

- 1 Prices must be quoted in South African Rand, inclusive of VAT.
- 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 or cancel the RFQ;
 - 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 or cancel the RFQ;
 - 11 If a market-related price is not agreed with the Respondent scoring the third highest points, PRASA must cancel the RFQ.
 - 12 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 or 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 authorised, 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.

Validity Period: PRASA requires the Validity period of 60 Days from the day of submission.

Delivery will be effected 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 Supplier may not assign or subcontract any part of this order/contract without the written consent of PRASA.

Termination

PRASA may terminate the order/contract at any time (without prejudice to any right of action or remedy which has accrued or thereafter accrues to PRASA):

If the Supplier defaults in due performance of the order/contract, or if the Supplier becomes bankrupt or otherwise is, in the opinion of PRASA, in such financial circumstances as to prejudice the proper performance of the order/contract, or for any other reason in which case the Supplier will be compensated for all costs incurred.

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

DECLARATION OF INTEREST

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 institution	State

2.2 Do you, or any person connected with the bidder, have with any person who is the

you, or any person connected with the bidder, a relationship with any person employed by the procuring

institution? **YES/NO**

2.2.1 If so, furnish particulars:

.....

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

2.3.1 If so, furnish particulars:

.....

3 DECLARATION

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.

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.

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.

.....
Signature

.....
Date

.....
Position

.....
Name of bidder

SBD 6.1

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

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

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

1. GENERAL CONDITIONS

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

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

1.2 The applicable preference point system for this RFQ is the 80/20 preference point system.

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.

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

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

1.5 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.

- 1.6 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

3.1. 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

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

Where

Ps = Points scored for price of tender under consideration

Pt = Price of tender under consideration

Pmin = Price of lowest 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:

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)	Number of points claimed (80/20 system) (To be completed by the tenderer)	Evidence
B-BBEE Level 2 or Above	5		BBBEE Certificate issued by an approved agency certified by SANAS
Black Women owned	4		Certified copies of ID Documents of the Owners
Owned by black persons with disabilities	5		Certified copies of ID Documents of the Owners and Doctor's note confirming the disability
Black Youth owned	3		Certified copy of ID Documents of the Owners
Owned by people in the rural areas	3		Municipal/ESKOM bill or letter from Induna/chief confirming residential address not older than 3 months
TOTAL	20		

DECLARATION WITH REGARD TO COMPANY/FIRM

4.2. Name of company/firm.....

4.3. Company registration number:

4.4. TYPE OF COMPANY/ FIRM

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

[TICK APPLICABLE BOX]

4.5. 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

COMPANY NAME	
BID NUMBER	BRAAMFONTEIN CENTRE OF TECHNOLOGY SPECIAL TOOLS.
SERVICE DESCRIPTION	THE SUPPLY, DELIVERY, SPECIAL TOOLS FOR BRAAMFONTEIN CENTRE OF TECHNOLOGY.

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:

.....

.....

.....

PRICING AND DELIVERY SCHEDULE












ITEM NO.	DESCRIPTION	QTY	UNIT OF MEASURE	UNIT PRICE (INCL. VAT)	TOTAL PRICE (INCL. VAT)
1	Tool boxes (must be lockable and with inflated wheels)	10	Unit		
2	4.5 x 100 mm Flat screwdriver (Equivalent to Gedore , Mastercraft or Toptul)	10	Unit		
3	6 x 150 mm Flat screwdriver (Equivalent to Gedore , Mastercraft or Toptul)	10	Unit		
4	8 x 150 mm Flat screwdriver (Equivalent to Gedore , Mastercraft or Toptul)	10	Unit		
5	10 x 200 mm Flat screwdriver (Equivalent to Gedore , Mastercraft or Toptul)	10	Unit		
6	Allen key metric set from 1.5mm to 12mm (11 Piece) (Equivalent to Gedore , Mastercraft or Toptul)	10	Unit		
7	8 mm Combination spanners (Equivalent to Gedore , Mastercraft or Toptul)	10	Unit		
8	10 mm Combination spanners (Equivalent to Gedore , Mastercraft or Toptul)	10	Unit		
9	11 mm Combination spanners (Equivalent to Gedore , Mastercraft or Toptul)	10	Unit		
10	12 mm Combination spanners (Equivalent to Gedore , Mastercraft or Toptul)	10	Unit		
11	13 mm Combination spanners (Equivalent to Gedore , Mastercraft or Toptul)	10	Unit		
12	14 mm Combination spanners (Equivalent to Gedore , Mastercraft or Toptul)	10	Unit		
13	15 mm Combination spanners (Equivalent to Gedore , Mastercraft or Toptul)	10	Unit		
14	16 mm Combination spanners (Equivalent to Gedore , Mastercraft or Toptul)	10	Unit		
15	17 mm Combination spanners (Equivalent to Gedore , Mastercraft or Toptul)	10	Unit		
16	19 mm Combination spanners (Equivalent to Gedore , Mastercraft or Toptul)	10	Unit		
17	21 mm Combination spanners (Equivalent to Gedore , Mastercraft or Toptul)	10	Unit		
18	22MM Combination spanner	10	Unit		
19	24 mm Combination spanners (Equivalent to Gedore , Mastercraft or Toptul)	10	Unit		
20	Ratcheted head spanners: size 10 mm with changeable direction and one side open of each.	10	Unit		
21	Ratcheted head spanners: size 13 mm with changeable direction and one side open of each.	10	Unit		
22	Ratcheted head spanners: size 14 mm with changeable direction and one side open of each.	10	Unit		
23	Ratcheted head spanners: size 17 mm with changeable direction and one side open of each.	10	Unit		
24	Ratcheted head spanners: size 19mm with changeable direction and one side open of each.	10	Unit		
25	Combination Ratcheted head spanners: size 10 -22 mm with changeable direction and one side open of each.	10	Unit		
26	Tool boxes (must be lockable and with inflated wheels)	10	Unit		
27	Variable DC power supply 50V – 160V Variable DC	5	Unit		
28	three ton trolley	1	Unit		
29	Shims in a machined wooden box	5	Unit		










30	Pedestal drilling machine	1	Unit		
31	Traction motor stand.	1	Unit		
32	Design, Supply and install connection box with 95mm2x4core cable, duct steel pipe, Termination of 95mm2x4core cable, contact points, and 95mm2 lugs	1	Unit		
33	Tower with wheels	1	Unit		
34	Rewireable auto star delta.	3	Unit		
35	Four sided panel wiring cube	3	Unit		
36	CO2 welding machine. to be delivered with safety kit	1	Unit		
37	Demountable electrical machine complete with workstation, set of plug in modules and manuals	2	Unit		
38	Coddles drill set X5	5	Unit		
39	Workshop boiler	3	Unit		
40	Two speed motor	6	Unit		
41	Star delta motor	6	Unit		
42	Toolbox	10	Unit		
43	Allen key sockets	10	Unit		
44	3m measuring tape	10	Unit		
45	Combination spanners size 10 to 42	10	Unit		
46	Vice grip	10	Unit		
47	Tubular hacksaw	10	Unit		
48	Tube spanners	10	Unit		
49	Trim knife	10	Unit		
50	Tin snip 300mm	10	Unit		
51	Stilson wrench 350mm	10	Unit		
52	Steel square 150mm Eclipse No 400	10	Unit		
53	Steel ruler 300mm stainless steel	10	Unit		
54	Speedex wire stripper	10	Unit		
55	Socket set	10	Unit		
56	Shifting spanner 200mm	10	Unit		
57	Scriber 150mm Eclipse No 222	10	Unit		
58	Screwdrivers(4.5x100,6.5x150,10x200,Phillips no 1,2,3)	10	Unit		
59	Plier side cutter180mm crescent	10	Unit		
60	Pliers elect 200mm	10	Unit		
61	Pliers long nose knipex 160mm	10	Unit		
62	Plier pump	10	Unit		
63	Pliers round nose180mm	10	Unit		
64	Electronics mini side cutters 125 mm cutting edge 13 mm	10	Unit		
65	Mini Long Nose Pliers, Length 125mm, Jaw 35mm and Handle Length 65mm	10	Unit		
66	Gas plier Elliot lcas	10	Unit		
67	Pin punches3,4,6,8mm	10	Unit		
68	Junior hacksaw	10	Unit		
69	Hand reamer – descaling tool	10	Unit		






70	Feeler gauge 0.05-1.00mm eclipse	10	Unit		
71	Loubster crimper	10	Unit		
72	Center punch	10	Unit		
73	Bearing scrappers	10	Unit		
74	Ball pein hammer 900g and 200g	10	Unit		
75	Allen keys 1.5,2,2.5,3,4,5,5.5,6,8,10	10	Unit		
76	Precision wire stripper for multi-stranded cores	10	Unit		
77	Wire stripper for multi-stranded cores	10	Unit		
78	Electronic side cutter	10	Unit		
79	RS pro Wire stripper	10	Unit		
80	Harting FC crimper	10	Unit		
81	Harting crimper TYPES D E F FM MH	10	Unit		
82	Bootlace Ferrule Crimper	10	Unit		
83	Dual speed control wiring panel	3	Unit		
84	Four sided panel wiring cube	3	Unit		
85	Buffer Height Gauge	4	Unit		
86	Oxy-Acetylene welding equipment	1	Unit		
87	Gas cutting and welding combination kit tools box	1	Unit		
88	Soldering Station 2000 comes standard with the Soldering Iron 1000sp.	20	Unit		
89	Solder sucker	20	Unit		
90	200 Litre 2.2 KW (3 HP) 230 V Belt Driven "V-Type" Compressor	1	Unit		
91	50 KVA diesel generator	1	Unit		
92	Chain saw 450MM	2	Unit		
Total					

Is Specification

ITEM NAME	DESCRIPTION	PICTURE
Tool boxes (must be lockable and with inflated wheels)		
4.5 x 100 mm Flat screwdriver (Equivalent to Gedore , Mastercraft or Toptul)	4.5 x 100 mm	

<p>6 x 150 mm Flat screwdriver (Equivalent to Gedore , Mastercraft or Toptul)</p>	<p>6 x 150 mm</p>	
<p>8 x 150 mm Flat screwdriver (Equivalent to Gedore , Mastercraft or Toptul)</p>	<p>8 x 150 mm</p>	
<p>10 x 200 mm Flat screwdriver (Equivalent to Gedore , Mastercraft or Toptul)</p>	<p>10 x 200 mm</p>	
<p>8 mm Combination spanners (Equivalent to Gedore , Mastercraft or Toptul)</p>	<p>8 mm</p>	
<p>10 mm Combination spanners (Equivalent to Gedore , Mastercraft or Toptul)</p>	<p>10 mm</p>	
<p>11 mm Combination spanners (Equivalent to Gedore , Mastercraft or Toptul)</p>	<p>11 mm</p>	
<p>12 mm Combination spanners (Equivalent to Gedore , Mastercraft or Toptul)</p>	<p>12 mm</p>	
<p>13 mm Combination spanners (Equivalent to Gedore , Mastercraft or Toptul)</p>	<p>13 mm</p>	
<p>14 mm Combination spanners (Equivalent to Gedore , Mastercraft or Toptul)</p>	<p>14 mm</p>	
<p>15 mm Combination spanners (Equivalent to Gedore , Mastercraft or Toptul)</p>	<p>15 mm</p>	
<p>16 mm Combination spanners (Equivalent to Gedore , Mastercraft or Toptul)</p>	<p>16 mm</p>	

<p>17 mm Combination spanners (Equivalent to Gedore , Mastercraft or Toptul)</p>	<p>17 mm</p>	
<p>19 mm Combination spanners (Equivalent to Gedore , Mastercraft or Toptul)</p>	<p>19 mm</p>	
<p>21 mm Combination spanners (Equivalent to Gedore , Mastercraft or Toptul)</p>	<p>21 mm</p>	
<p>22MM Combination spanner</p>	<p>22MM</p>	
<p>24 mm Combination spanners (Equivalent to Gedore , Mastercraft or Toptul)</p>	<p>24 mm</p>	
<p>Ratcheted head spanners: size 10 mm with changeable direction and one side open of each.</p>	<p>size 10 mm</p>	
<p>Ratcheted head spanners: size 13 mm with changeable direction and one side open of each.</p>	<p>size 10 mm</p>	
<p>Ratcheted head spanners: size 14 mm with changeable direction and one side open of each.</p>	<p>14 mm</p>	
<p>Ratcheted head spanners: size 17 mm with changeable direction and one side open of each.</p>	<p>17 mm</p>	

<p>Ratcheted head spanners: size 19mm with changeable direction and one side open of each.</p>	<p>19mm</p>	
<p>Combination Ratcheted head spanners: size 10 -22 mm with changeable direction and one side open of each.</p>	<p>size 10 -22</p>	
<p>Allen key metric set from 1.5mm to 12mm (11 Piece) (Equivalent to Gedore , Mastercraft or Toptul)</p>	<p>1.5mm to 12mm</p>	
<p>Variable dc power supply</p>	<p>50V – 160V VARIABLE DC to be supplied with Daspol tester, croc to croc test leads, Scope lead crocodile clips, test leads banana to banana, test leads banana to crock. 1,5 mm Red (Single Cores) 1,5 mm Black (Single Cores), 2,5 mm White (Multi Cores 7strands) 2,5 mm Blue (Multi Cores 7strands), 2,5 mm yellow and green (Multi Cores 7 strands), 2,5 mm red (Multi Cores 7 strands) Transistor BC 237, Transistor BC 557, Resistances: 470 Ohm, Resistances: 27 Kilo Ohm, Resistances: 68 Kilo Ohm, Resistances: 220 Kilo Ohm, Vertical Trimmers 5 Kilo Ohm, Scope Meter Probes and Wave genitor Cables</p>	
<p>Three ton trolley</p>	<p>SEE ATTACHED DOCUMENT FOR SPECIFICATION</p>	<p>SEE ATTACHED DOCUMENT FOR THE PICTURE</p>
<p>Shims in a machined wooden box</p>		

Pedestal drilling machine



3kv traction motor test stand

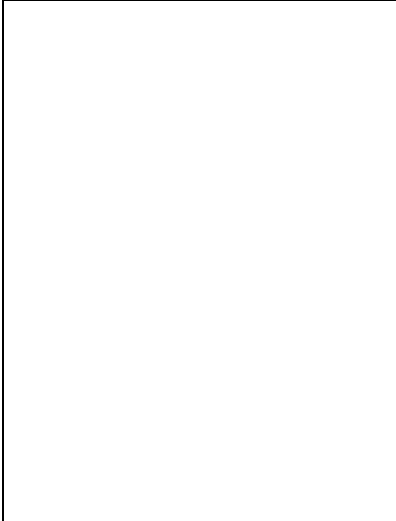
3kv traction motor test stand. 110v dc supply with mounting bolts to mount it firmly on the ground. a rubber mat for the absorption of vibrations of motor under test.



Connection box with 95mm²x4core cable, duct steel pipe, Termination of 95mm²x4core cable, contact points, and 95mm² lugs

Design, Supply and install connection box with 95mm²x4core cable, duct steel pipe, Termination of 95mm²x4core cable, contact points, and 95mm² lugs
supplier must design and also take the measurements himself





Tower with wheels

Specifically for towing loads where weight transfer is not possible and that weigh up to 3,000 kg. The coupling crawl function guarantees easy connection with the load's draw bar, towing eye or ball hitch fitting. Controlled acceleration aids traction at low speed and manoeuvrability assured with the inclusion of power manual control. Two drive motors ensure tow has more than enough power and the internal charger allows for charging at any power point.

Internal charger

- Drive motors
- Power steering
- Coupling crawl function
- Internal weight packs



Rewireable auto star delta.







Rewireable Auto Star delta.: Circuit Breaker
 Single Phase over Load,
 Emergency Stop Button,
 Stop Button, Start Button,
 N/O Push to Make button,
 Three Three-Phase,
 Contactors, Motor

To be delivered complete with motors, 2,5 mm White (Multi Cores 7strands), 2,5











	<p>mm Blue (Multi Cores 7strands), 2,5 mm yellow and green (Multi Cores)</p>	
<p>Four sided panel wiring cube</p>	<p>Four sided panel wiring cube with protection button</p>	
<p>CO2 welding machine.</p>	<p>CO2 welding machine. to be delivered with safety kit</p>	
<p>Demountable electrical machine complete with workstation, set of plug in modules and manuals</p>	<p>Frame Size 100 Open construction machines Nominal 0,75kW assemblies 220/380V AC – 180V DC or Safe 48V Extended shafts 2 Finned Aluminium Frames 2 Cast Aluminium machined bases 4 Cast Aluminium dead eyes with two part bearing housing 2 Silkscreened and colour coded front panels 1 Armature 1 Squirrel Cage Rotor 1 Slip Ring (Wound) Rotor 1 AC Stator</p>	
<p>Demountable electrical machine complete with workstation, set of plug in modules and manuals</p>	<p>Frame Size 100 Open construction machines Nominal 0,75kW assemblies 220/380V AC – 180V DC or Safe 48V Extended shafts 2 Finned Aluminium Frames 2 Cast Aluminium machined bases 4 Cast Aluminium dead eyes with two part bearing housing 2 Silkscreened and colour coded front panels 1 Armature 1 Squirrel Cage Rotor 1 Slip Ring (Wound) Rotor</p>	

	1 AC Stator	
Demountable electrical machine complete with workstation, set of plug in modules and manuals	<p>Frame Size 100 Open construction machines Nominal 0,75kW assemblies 220/380V AC – 180V DC or Safe 48V Extended shafts 2 Finned Aluminium Frames 2 Cast Aluminium machined bases 4 Cast Aluminium dead eyes with two part bearing housing 2 Silkscreened and colour coded front panels 1 Armature 1 Squirrel Cage Rotor 1 Slip Ring (Wound) Rotor 1 AC Stator</p>	
Two speed motor :Three phase electric motor	<p>Two speed motor :Three phase electric motor, type G80A4 0,55KW -0,75 HP – 400/690V – 1.54/0.9A- 50 HETRZ -1420r/min – IP 55- CONN STAR/DELTA.</p>	
Star delta motor: Two speed motor :Three phase electric motor	<p>Star delta motor: Two speed motor :Three phase electric motor, type MS801-4 , B3 0,55KW -0,75 HP – 400/690V – 1.54/0.9A- 50 HETRZ -1400r/min- CONN STAR/DELTA.</p>	
Coddles drill set	Coddles drill set	

<p>Workshop boiler</p>	<p>Workshop boiler</p>	
<p>Toolbox</p>	<p>Toolbox</p>	
<p>Allen key sockets</p>	<p>Allen key sockets (Equivalent to Gedore , Mastercraft or Toptul)</p>	
<p>Measuring tape</p>	<p>3m measuring tape</p>	
<p>Combination spanners size 10 to 42 (Equivalent to Gedore , Mastercraft or Toptul)</p>	<p>Combination spanners size 10 to 42 (Equivalent to Gedore , Mastercraft or Toptul)</p>	
<p>Vice grip</p>	<p>Vice grip</p>	
<p>Tubular hacksaw</p>	<p>Tubular hacksaw</p>	





<p>Tube spanners</p>	<p>Tube spanners (Equivalent to Gedore , Mastercraft or Toptul)</p>	
<p>Trim knife</p>	<p>Trim knife</p>	
<p>Tin snip</p>	<p>Tin snip 300mm</p>	
<p>Stilson wrench</p>	<p>Stilson wrench 350mm</p>	
<p>Steel square</p>	<p>Steel square 150mm Eclipse No 400</p>	
<p>Steel ruler</p>	<p>Steel ruler 300mm stainless steel</p>	
<p>Speedex wire stripper</p>	<p>Speedex wire stripper</p>	
<p>Socket set</p>	<p>Socket set (Equivalent to Gedore , Mastercraft or Toptul)</p>	




Shifting spanner	Shifting spanner 200mm	
Scriber	Scriber 150mm Eclipse No 222	
Screwdrivers combination	Screwdrivers Combination (4.5x100,6.5x150,10x200,P hillips no 1,2,3) (Equivalent to Gedore , Mastercraft or Toptul)	
Plier side cutter	Plier side cutter180mm crescent (Equivalent to Gedore , Mastercraft or Toptul)	
Pliers elect	Pliers elect 200mm (Equivalent to Gedore , Mastercraft or Toptul)	
Pliers long nose knipex	Pliers long nose knipex 160mm (Equivalent to Gedore , Mastercraft or Toptul)	
Plier pump	Plier pump (Equivalent to Gedore , Mastercraft or Toptul)	
Pliers round nose	Pliers round nose180mm (Equivalent to Gedore , Mastercraft or Toptul)	

<p>Electronics mini side cutters</p>	<p>Electronics mini side cutters 125 mm cutting edge 13 mm</p>	
<p>Mini Long Nose Pliers</p>	<p>Mini Long Nose Pliers, Length 125mm, Jaw 35mm and Handle Length 65mm</p>	
<p>Gas plier Elliot Icas</p>	<p>Gas plier Elliot Icas (Equivalent to Gedore , Mastercraft or Toptul)</p>	
<p>Pin punches</p>	<p>Pin punches 3,4,6,8mm</p>	
<p>Junior hacksaw</p>	<p>Junior hacksaw</p>	
<p>Hand reamer – descaling tool</p>	<p>Hand reamer – descaling tool</p>	
<p>Feeler gauge</p>	<p>Feeler gauge 0.05-1.00mm eclipse</p>	
<p>Loubster crimper</p>	<p>Loubster crimper</p>	

Center punch	Center punch		
Bearing scrappers	Bearing scrappers		
Ball pein hammer	Ball pein hammer 900g and 200g		
Allen keys	Allen keys 1.5,2,2.5,3,4,5,5.5,6,8,10 (Equivalent to Gedore , Mastercraft or Toptul)		
Precision wire stripper for multi-stranded cores.	Precision wire stripper for multi-stranded cores. Small diameters i.e. 0.25mm ²		
Wire stripper for multi-stranded cores.	Wire stripper for multi-stranded cores. 0.75mm ² SOM6 Control cable		
Electronic side cutter	Electronic side cutter		

<p>RS pro Wire stripper</p>	<p>RS pro Wire stripper</p>	
<p>Harting FC crimper</p>	<p>Harting FC crimper</p>	
<p>Harting crimper TYPES D E F FM MH</p>	<p>Harting crimper TYPES D E F FM MH</p>	
<p>Bootlace Ferrule Crimper</p>	<p>Bootlace Ferrule Crimper</p>	

<p>Dual speed control wiring panel:</p>	<p>Dual speed control wiring panel: consisting of the following Circuit breaker single phase, overload, emergency stop button, Stop button, stop button, 3 phase contactors, timer, motor.</p> <p>To be delivered with Resistances, Transistor, Resistances, 5K Potentiometer, LED's, Capacitor and PN Junction diodes</p>	
<p>Four sided panel wiring cube</p>	<p>Four sided panel wiring cube</p> <p>With protection button.</p>	
<p>Buffer Height Gauge</p>	<p>Buffer Height Gauge is a light weight and compact device for measuring the center height of buffer flange and its housing from top surface of the rail. It has a revolving arrangement for measuring scale to meet out the eccentricity of the center of the buffer and the rail track.</p> <p>SPECIFICATIONS: Measuring range = 850 mm to 1100 mm. Accuracy = + 1.0 mm</p>	
<p>Oxy-Acetylene welding equipment. To be delivered with oxygen and acetylene gas cylinders, pressure regulators, hoses, Flame Arrestors, welding torches, and economizers.</p>	<p>Oxy-Acetylene welding equipment. To be delivered with oxygen and acetylene gas cylinders, pressure regulators, hoses, Flame Arrestors, welding torches, and economizers.</p>	

<p>Gas cutting and welding combination kit tools box.</p>	<p>Gas cutting and welding combination kit tools box. To be delivered with tools and safety protecting kit</p>	
<p>Soldering Station 2000 comes standard with the Soldering Iron 1000sp.</p>	<p>Soldering Station 2000 comes standard with the Soldering Iron 1000sp.</p> <ul style="list-style-type: none"> • General purpose 24vAC 50w transformer station. • Safety-spring holder. • Cleaning sponge. • Spare tip storage. • Potential balance socket. • Supplied with standard SM100003 tip (EW-303) <p>Technical Data 220/240v 50/60Hz Input external 500mA fuse Output 24v AC 2A (50W model) L200mm W120mm Size H110mm (without spring holder) Weight 1,8Kg</p>	
<p>Solder sucker</p>	<p>Solder sucker</p>	

200 Litre 2.2 KW (3 HP) 230 V Belt Driven "V-Type" Compressor

200 Litre 2.2 KW (3 HP) 230 V Belt Driven "V-Type" Compressor

Description

- Suitable for craftsmen who need a compressor for professional use
- Piston compressor three-cylinder 90°W placed single stage
- Splash lubrication, forced ventilation, cast iron cylinder, steel valve plate and steel valves.
- Overload protection of electric motor with manual reset
- ON/OFF pressure Switch
- Pressure reducer with two cocks
- Condensate drain cock.
- Ball line cock

Tank Capacity
 200 L

Motor Output

2.2 KW (3 HP)

Outlet Air Flow

8.83 CFM (250 L/MIN)

Max Tank Pressure

8 Bar (117 PSI)

Amperage

9.4 A

Compressor Type

Belt Driven V-Head

RPM

2 800 RPM


Voltage

230 V @ 50 HZ

Phase

Single Phase



50 kva diesel generator	Supply, install and commissioning of 50 kva diesel generator	
	Power output	50 kw (50 kVA)
	Rated voltage	380 V (three PhAse) @ 50 hz
	Current output	72 A
	Running time	12 hours
	Genset Power Capacity (kw/kva) prime	
	Emergency stop button and with auto starting system	



Chain saw 450mm	Chain saw 450mm <ul style="list-style-type: none"> • Metal, Pro type externally accessible oil pump. • Increased power. • Easy start: spring assisted starter combined with optimized engine management. • Safety matic chain brake. • Centrifugal clutch with 3 weights. • Outside sprocket. • Adjustable oil pump, disabled at engine idling. • Touch & Stop one lever service. • Magnesium diecasting housing. • Toolless airfilter maintenance. • Lateral chain tensioning. • Anti-Vibration, Automatic Oiling, Chain Brake, Primer Pump and Electronic Ignition
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