



prasa
PASSENGER RAIL AGENCY
OF SOUTH AFRICA

REQUEST FOR QUOTATION (RFQ)

RFQ NUMBER: KZN/RAL/2023/08/14/Q

REQUEST FOR QUOTATION (RFQ) FOR THE PURCHASING AGREEMENT FOR SERVICING AND REPAIRS TO FIRE ALARM SYSTEMS AT VARIOUS SITES FOR 36 MONTHS AS AND WHEN REQUIRED IN THE KZN REGION

SECTION 1: SBD1

PART A INVITATION TO BID

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

BID NUMBER:	KZN/RAIL/2023/08/14/Q	CLOSING DATE:	14 SEPTEMBER 2023	CLOSING TIME:	12:00
DESCRIPTION	PURCHASING AGREEMENT FOR SERVICING AND REPAIRS TO FIRE ALARM SYSTEMS AT VARIOUS SITES FOR 36 MONTHS AS AND WHEN REQUIRED IN THE KZN REGION				

BID RESPONSE DOCUMENTS SHALL BE EMAILED AS FOLLOWS:

Metkznquote3@prasa.com

BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO

CONTACT PERSON	JOHNSON ZWANE
TELEPHONE NUMBER	0318130102
E-MAIL ADDRESS	JZwane@metrorail.co.za

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

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.

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 NVALID.

SIGNATURE OF BIDDER:

.....

CAPACITY UNDER WHICH THIS BID IS SIGNED:

.....

REQUEST FOR QUOTATION



(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 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	Other Mandatory Requirements
Stage 2	
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 of 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, your be will be automatically disqualified.

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

No.	Description of requirement	
-----	----------------------------	--

a)	Completion of ALL RFQ documentation (includes ALL declarations)	
b)	Price Schedule / Pricing form	
c)	Bidders must quote on all items on the BOQ	
d)	Joint Venture , Consortium Agreement or Partnering Agreement signed by all parties. The agreement should indicate the leading bidder where applicable. (Delete if not applicable)	
e)	Service technicians must be registered with SAQCC and proof of registration must be submitted together with quotations	
f)	<p>DOCUMENTS TO BE SUBMITTED WITH THIS TENDER</p> <p><i>The supplier must submit in writing (on a signed company letterhead) with this tender, acknowledging that</i></p> <ul style="list-style-type: none"> • All the replaced systems or components removed from sites shall be sent to the Technical Officers office within a week of removal. • The fire alarm systems must be serviced as per SANS 10139:2007 and a certificate must be issued per site. • The fire system shall comply with the standards as set out by the South African National Standards (SANS 10400). • All the specification as laid down by the Fire Detection Installers Association (FDIA) must be adhered to as well as proof that your company is registered with FDIA(Submit during Quotes) • The occurrence of false alarms due to less than perfect surroundings must be minimised. • The system must be able to handle the vibration of the passing trains and mild electromagnetic radiation of the surrounding electronic or electrical equipment. • The suppliers to hold the essential spares and guarantee support for at least 10 years. • The contractor shall submit a completed trip logbook together with invoice after work has been done and commissioned. • The contractor must submit the invoices within 14 days after completion of work. • Access certificate or ID should be carried by technician at all times when visiting Metrorail premises 	

	<ul style="list-style-type: none"> A general service per site should consist of testing all available loops, a few detectors per loop, the fire panel, gas cylinders pressure test and remote link(ATS) to control room where necessary. All the calls shall be attended to within 4 hrs during normal and abnormal hours unless otherwise stated. MTTR alarm fault shall not exceed more than 3 hrs on arrival to the site. 	
f)	Only Bids e-mailed to metkznquote3@prasa.com will be accepted	

Stage 1B –Other Mandatory Requirements

If you do not submit/meet the following 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	
a)	Supply of valid SARS Pin	
b)	CSD supplier registration number	
c)	Letter of Good Standing(COIDA)	

2.1 Stage 2- 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)
Black Women Owned-Certified Copy of ID Documents of the owners	10 points	
<u>Entities with a B-BBEE contributor status of at least level 2-</u> BEE cert/Affidavit (in case of JV, a consolidate scorecard will be accepted)	10 points	
<u>TOTAL</u>	20 points	

SECTION 4

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.

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

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.

person having a controlling interest in the enterprise have any interest in any other related enterprise whether or not they are bidding for this contract? **YES/NO**

2.3.1 If so, furnish particulars:

.....
.....

3 DECLARATION

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

- 3.1 I have read and I understand the contents of this disclosure;
- 3.2 I understand that the accompanying bid will be disqualified if this disclosure is found not to be true and complete in every respect;
- 3.3 The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium² will not be construed as collusive bidding.
- 3.4 In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications, prices, including methods, factors or formulas used to calculate prices, market allocation, the intention or decision to submit or not to submit the bid, bidding with the intention not to win the bid and conditions or delivery particulars of the products or services to which this bid invitation relates.
- 3.4 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.

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.

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

SECTION 6

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
- .

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.

1.4 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

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

3.2. 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

$$P_s = 80 \left(1 - \frac{P_t - P_{min}}{P_{min}} \right)$$

Where

P_s = Points scored for price of tender under consideration

P_t = Price of tender under consideration

P_{min} = 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 organs of state: Where the 80/20 preference point system is applicable, corresponding points must also be indicated as such.)

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

The specific goals allocated points in terms of this tender	Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (80/20 system) (To be completed by the tenderer)
Black Women Owned-Certified Copy of ID Documents of the owners)	10 points	
<u>Entities with a B-BBEE contributor status of at least level 2-</u> BEE cert/Affidavit (in case of JV, a consolidate scorecard will be accepted	10 points	

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 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 7

SPECIFICATION AND SCOPE OF WORK

PART A: GENERAL CONTENTS

- A.1 SCOPE OF WORK
- A.2 ADMINISTRATION OF THE CONTRACT
- A.3 CHANGE OF NAME
- A.4 STANDARD SPECIFICATIONS AND INSTRUCTIONS OF METRORAIL KZN
- A.5 DURATION OF CONTRACT
- A.6 PENALTIES FOR LATE COMPLETION
- A.7 MATERIAL AND LABOUR TO BE SUPPLIED BY THE CONTRACTOR
- A.8 SITE
- A.9 SERVICES
- A.10 CLEARING OF SITE
- A.11 HOURS OF WORK
- A.12 SAMPLES AND TESTING
- A.13 SITE MEETINGS
- A.14 MEASUREMENT AND PAYMENT
- A.15 INCREASE OR DECREASE IN COSTS OR ESCALATION
- A.16 VALUE-ADDED TAX
- A.17 INSURANCE
- A.18 NEW SITE ASSESSMENTS

PART A: GENERAL

A.1 SCOPE OF WORK

This contract covers the **AS AND WHEN MAINTENANCE AND REPAIRS TO FIRE ALARMS AT VARIOUS SITES**. And any other work arising out of, or incidental to the above or required from the Contractor for the proper completion of the work in accordance with the true meaning and intent of the contract documents.

A.2 ADMINISTRATION OF THE CONTRACT

For the purpose of this contract, “Manager” means the Regional Telecoms Manager, Metrorail KZN or his duly authorised representative or any person lawfully acting in that capacity.

A.3 CHANGE OF NAME

Wherever reference is made to “South African Railways”; “South African Railways and Harbours”; “South African Transport Services”; “Administration”; “SPOORNET” or “Transnet” in the Standard Specifications, as listed below, it shall be changed to read “Metrorail” KZN.

A.4 STANDARD SPECIFICATIONS AND INSTRUCTIONS OF METRORAIL KZN

The following specifications, instructions and documents shall, inter alia, form part of this contract:

- (i) The project specification
- (ii) The schedule of quantities

A.5 DURATION OF CONTRACT

- A.5.1 Metrorail KZN requires that the contract be run for the duration of **three years from the date of acceptance or until the budget is exhausted**, which period shall include any statutory and workers holidays falling within this period.

A.6 PENALTIES FOR LATE COMPLETION

- A 10% penalty charge will be deducted from the quotation price in the situation of not adhering to clause **B3**

A.7 MATERIAL AND LABOUR TO BE SUPPLIED BY THE CONTRACTOR

- A.7.1 The Contractor shall provide all Supervision and Labour necessary for the proper execution and completion of the work.
- A.7.2 Both PRASA and Metrorail KZN support B.E.E. The Contractor shall make extensive use of labour of the local communities. When called upon by the Manager, the Contractor shall provide documentary proof in this regard.

A.8 SITE

The location and extent of the sites in Durban Metrorail KZN region, and will be pointed out when requested. Access to the site is by public roads. The Contractor must acquaint himself with the available access to the site and the condition of the roads during the site visits. Metrorail KZN will not be liable to ensure all weather passage on the service roads.

No housing of employees of the Contractor will be allowed on the property of the Metrorail KZN, and the Contractor shall make his own arrangements for the housing of his employees and or equipment.

A.9 SERVICES

Where the position of a known service cannot be determined with sufficient accuracy, by visual inspection, the Contractor shall open up and make further investigation before commencing with any of his activities related to the repairs of fire alarm systems, so that the position of such services may be determined with sufficient accuracy. Thereafter the Contractor shall assume responsibility for all known services.

The Contractor shall take all reasonable precautions to protect existing services during his activities on the site, and any known service damaged as result of the Contractor's operations, shall be repaired and reinstated by the Contractor or the Authority concerned, all at the expense of the Contractor and to the satisfaction of the Technical Officer. If a known service is damaged, the Technical officer must be notified immediately and all work on site must stop until the extent of the damage is quantified.

A.10 CLEARING OF SITE

The Contractor shall clear the site. The contractor is to ensure that each site on which he works is cleared of all waste on completion of the day's work. The waste must be disposed of at a

registered dumping site. Final payment will not be made unless all waste is removed from site and the site is clean.

A.11 HOURS OF WORK

No work will be permitted outside normal working hours, on Sundays, Saturdays and Public Holidays, unless the permission of the Technical Officer has been obtained.

**Normal working hours shall mean the period from 07:30 to 16:00 on normal weekdays
But all stations are opened from 4:00 to 19:00 Monday to Sunday**

A.12 SAMPLES AND TESTING

The Contractor shall make available, free of charge, a sufficient quantity of material supplied by him, which are to be used for the contract, for testing by Metrorail technicians, when so required by the Technical Officer.

A.13 SITE MEETINGS

Site liaison meetings will be arranged by the Technical Officer as necessary. The Contractor or his duly authorised representative shall be available when called upon to attend site meetings with the Telecoms Manager or his representative.

A.14 MEASUREMENT AND PAYMENT

Measurement and payment will be as per the schedule of quantities.

A.15 INCREASE OR DECREASE IN COSTS OR ESCALATION

No contract adjustment or escalation factors are applicable to this contract.

A.16 VALUE-ADDED TAX

- (i) Value added tax in terms of the Value-added Tax Act No. 89 of 1991 should not be included in the tendered rates. Provision is made in the Schedule of Prices/Summary of Prices for the lump sum addition of value added tax.

- (ii) The total price inclusive of Value-added Tax shall be carried forward to the Tender form.

A.17 INSURANCE

The Contractor will be responsible for insurance of all tools, equipment, vehicles and labour that will be used on this contract.

A.18 NEW SITE ASSESSMENTS

The following items should be covered when site assessments are conducted

1. A full schematic must be submitted including all equipment that will be installed clearly labelled.
2. A basic risk assessment must be conducted for the site with the Technical Officer
3. A complete quote should be submitted as per the “as and when” contract below and any items that are not stipulated on the “as and when” must be brought to the Technical Officers attention.
4. **All the above-mentioned points are to be considered when a new site assessment needs to be conducted**

PART B: PROJECT SPECIFICATION CONTENTS

B.1 SCOPE OF WORK

B.2 SPECIAL CONDITIONS

B.3 REACTION TIME

B.4 METRORAIL SITES

B.5 SCHEDULE OF QUANTITIES

B.6 POINTS AWARDED FOR SPECIFIC GOALS

B1 SCOPE OF WORK

- To do maintenance, servicing, configuration, testing and repairs to various fire detection system at various Spoornet stations, Metrorail stations, depots and substations.
- To plan, design, remove, supply, install, test and commission fire alarm systems when is required.
- Ensure the compliance of all Metrorail fire alarm systems
- Guarantee on workmanship after completion.

B2 SPECIAL CONDITIONS

- A handover certificate shall be completed and signed by both Technical Officer and Contractor.
- All the replaced systems or components removed from sites shall be sent to the Technical Officers office within a week of removal.
- The fire alarm systems must be serviced as per SANS 10139:2007 and a certificate must be issued per site.
- The fire system shall comply with the standards as set out by the South African National Standards (**SANS 10400**).
- Service technicians must be registered with **SAQCC** and proof of registration must be submitted together with quotations
- All the specification as laid down by the Fire Detection Installers Association (**FDIA**) must be adhered to as well as proof that your company is registered with **FDIA**(Submit during Quotes)
- The occurrence of false alarms due to less than perfect surroundings must be minimised.
- The system must be able to handle the vibration of the passing trains and mild electromagnetic radiation of the surrounding electronic or electrical equipment.
- The suppliers to hold the essential spares and guarantee support for at least 10 years.
- The contractor shall submit a completed trip logbook together with invoice after work has been done and commissioned.
- The contractor must submit the invoices within 14 days after completion of work.
- Access certificate or ID should be carried by technician at all times when visiting Metrorail premises
- A general service per site should consist of testing all available loops, a few detectors per loop, the fire panel, gas cylinders pressure test and remote link(ATS) to control room where necessary.

B3 REACTION TIME

- All the calls shall be attended to within 4 hrs during normal and abnormal hours unless otherwise stated.
- MTTR alarm fault shall not exceed more than 3 hrs on arrival to the site.

B4 METRORAIL SITES

- Durban HQ
- Protection services building
- IT Department
- Clairwood Signals
- Rosburgh Signals
- Durban parcel sub-station 1
- Durban parcel sub-station 2
- Durban parcel sub-station 3
- Durban parcel sub-station 4
- Durban station
- Moses Mabida
- Springfield stores
- Springfield Rolling Stock
- Durban Yard Lifting Shop
- Durban Electrical sub
- Durban Yard Telecoms Depot
- Bridge City
- Kwa Mashu
- Tembalihle
- Duffs Road
- Avoca
- Redhill

- Greenwood Park
- Effingham
- Temple
- Umgeni
- Durban station Concourse
- Shosholoza Meyl
- Berea station
- Dalbridge
- Congella
- Umbilo
- Rosburgh
- Clairwood Montclair
- Merebank
- Reunion
- Isipingo
- Zwelethu
- Kwa Mnyandu
- Lindokhule
- Umlazi

SECTION 8

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
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.

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

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

SECTION 9

SCHEDULE OF QUANTITIES

Item No	Description	Estimated Qty	Unit	Rate	Amount
1	Call Out Rate Normal Hours	1	Hour		
2	After hours Rate	1	Hour		
3	Call Out Rate Sunday	1	Hour		
4	Call Out Rate Public Holidays	1	Hour		
5	Transport (Light Vehicle)	1	Km		
6	Site assessment of existing system	1	Complete		
7	New site assessment	1	Complete		
8	General service of fire alarm per site	1	Complete		
NB: BELOW ITEMS INCLUDE LABOUR					
1	Supply and install ionisation sensor (DI950)	1	Each		
2	Supply and install 950/990 Series mounting base (DB950)	1	Each		
3	Supply and install 950 Series optical detector (DP 951)	1	Each		
4	Supply and install Temperature detector (DT952)	1	Each		
5	Supply and install base sounder with beacon	1	Each		
6	Supply and install 950 Series optical/heat detector (DT951T)	1	Each		
7	Supply and replace ziton Conventional fire panel, 4 zones (ZP1-F8-99)	1	Each		
8	Supply and replace ziton Conventional fire panel, 8 zones (ZP1-F8-99)	1	Each		
9	Supply and install Aritech analogue addressable fire panel 2-4 loop, 16 zones	1	Each		
10	Supply and install ziton ZP3, 4 loop analogue addressable fire panel (ZP3-4L)	1	Each		
11	Supply and install ziton repeater panel (LCD & controls) (ZP3-RDUB1-24)	1	Each		
12	Supply and install Aritech FP1200 analogue fire	1	Each		

	alarm panel				
13	Supply and install Aritech 2X – F2 – S – XX addressable fire panel	1	Each		
14	Supply and install ATS IP Kit which consists on an ATS 1809 interface module and ATS 1801	1	Each		
15	Supply and install Technoswitch model BS EN 54-2 addressable (TC-5402)	1	Each		
16	Supply and install Aritech Conventional fire & extinguishing panel (FEC403EN)	1	Each		
17	Supply and install ziton conventional fire & extinguishing panel (ZP3-ECU2)	1	Each		
18	Supply and install White pluggable base for ZP755-2 &3 devices (SPB-3w)	1	Each		
19	Supply and install ZP755BV-4x Base sounder/beacon (ZP755BV-4W)(ZP755BV-4x)	1	Each		
20	Supply and install fire alarm Bell 6" (AB360)	1	Each		
	Supply and install weatherproof horn sounder with visual indicator - red	1	Each		
21	Supply and install omnidirectional sounder beacon, red (102dBA) (178001)	1	Each		
22	Supply and install red pluggable base for ZP755-2 & 3 devices (SPB-2R)	1	Each		
23	Supply and install flush mounting red analogue callpoint c/w EN54 marking	1	Each		
24	Supply and install surface mounting box with earth connector - Red (DMN787)	1	Each		
25	Supply and install Battery - 12V, 7,2AH	1	Each		
26	Supply and install battery – 12V 18AH	1	Each		
27	Supply and install fire retardant cable 2x1mmsq - PH30 - p/m	1	Meter		
28	Supply and install fire retardant cable 2x1mmsq - PH120 - p/m	1	Meter		
29	Supply and install repeater driver board (ZP3AB-SCB-D) (48202)	1	Each		
30	Supply and install technoswitch tech 247 (TEC-407)	1	Each		
31	Supply and install conventional optical sensor (Z630-3)	1	Each		
32	Supply and install conventional surface mount detector base (Z6-BS1)	1	Each		
33	Supply and install conventional heat sensor (rate of rise) (Z620-582-3)	1	Each		
34	Supply and install conventional MCP Red, 560 ohm and free contacts	1	Each		
35	Supply and install conventional surface mounting box - red (DMN787)	1	Each		

36	Supply and install MCP resettable element (DMN800)	1	Each		
37	Supply and install hinged cover (DMN782)	1	Each		
38	Supply and install breakable seals (5pack) (DMN800)	1	Each		
39	Supply and install a call point test keys (10 pack) (DMN784)	1	Each		
40	Supply and install fire sounder, multi tone, shallow base (AS363)	1	Each		
41	Supply and install xeon beacon, white base, red lens (FA340)	1	Each		
42	Supply and install sounder/beacon, multi tone, shallow base (AS366)	1	Each		
43	Supply and install fire alarm bell 6" (AB360)	1	Each		
44	Supply and install 8"Fire bell - outdoor (AB380E)	1	Each		
45	Configuration of ATS8600 advisor program and ensure remote functions.	1	Complete		
46	Addition of new site onto ATS8600 at control room including graphics	1	Complete		
47	Supply and install high voltage relay	1	Each		
48	Relocating of a fire panel	1	Complete		
49	Sliding door I/O module	1	Each		
50	Supply and install Apollo XP95 optical smoke detector	1	Each		
51	Supply and install Apollo series 65 heat detector	1	Each		
52	Supply and install Edwards Modu laser minimum display Module	1	Each		
53	Supply and install Edwards Modu laser detector module	1	Each		
54	Supply and install particle separator	1	Each		
55	Supply and install particle separator 3 stage filter	1	Each		
56	Supply and install aspirating detection pipe 27mm	1	Each		
57	Supply and install 90 degree bend 27mm detection pipe (3m length)	1	Each		
58	Supply and install 2mm end cap	1	Each		
59	Supply and install red straight union 27mm	1	Each		
60	Supply and install Ziton A series mini interface unit	1	Each		

61	Supply and install 24V DC, 2A switch mode power supply	1	Each		
62	Supply and install 25mm PVC conduit	1	Meter		
SERVICING OF EACH ITEM					
63	Ionisation sensor (DI950)	1	Each		
64	950 Series optical detector (DP 951)	1	Each		
65	Apollo series 65 heat detector	1	Each		
66	Apollo optical smoke detector	1	Each		
67	Temperature detector (DT952)	1	Each		
68	950 Series optical/heat detector (DT951T)	1	Each		
69	Ziton Conventional fire panel, 4 zones (ZP1-F8-99)	1	Each		
70	Ziton Conventional fire panel, 8 zones (ZP1-F8-99)	1	Each		
71	Aritech analogue addressable fire panel 2-4 loop, 16 zones	1	Each		
72	Aritech 2X – F2 – S – XX addressable fire panel	1	Each		
73	Ziton ZP3, 4 loop analogue addressable fire panel (ZP3-4L)	1	Each		
74	Ziton repeater panel (LCD & controls) (ZP3-RDUB1-24)	1	Each		
75	Technoswitch model BS EN 54-2 addressable (TC-5402)	1	Each		
76	Aritech Conventional fire & extinguishing panel (FEC403EN)	1	Each		
77	Ziton Conventional fire & extinguishing panel (ZP3-ECU2)	1	Each		
78	White pluggable base for ZP755-2 & 3 devices (SPB-3w)	1	Each		
79	ZP755BV-4x Base sounder/beacon (ZP755BV-4W)(ZP755BV-4x)	1	Each		
80	Fire alarm Bell 6" (AB360)	1	Each		
81	Omnidirectional sounder beacon, red (102dBA) (178001)	1	Each		
82	Red pluggable Base for ZP755-2 & 3 devices (SPB-2R)	1	Each		
83	Flush mounting red analogue callpoint c/w EN54 marking	1	Each		
84	Technoswitch tech 247 (TEC-407)	1	Each		
85	Conventional optical sensor (Z630-3)	1	Each		
86	Conventional heat sensor (rate of rise) (Z620-582-3)	1	Each		
87	Conventional MCP Red, 560 ohm and free contacts	1	Each		
88	MCP resettable element (DMN800)	1	Each		
89	fire sounder, multi tone, shallow base (AS363)	1	Each		
90	Fire alarm bell 6" (AB360)	1	Each		

91	8"Fire bell - outdoor (AB380E)	1	Each		
	INERT GAS SYSTEM				
92	Refilling of gas tank	1	Liter		
93	Supply and install manual discharge station	1	Complete		
94	Supply and install discharge nozzle	1	Each		
95	Supply and install manual actuator with safety pin	1	Each		
96	Supply and install electro-magnetic actuator	1	Each		
97	Supply and install 200 bar valve with manual and solenoid actuation for inert gas applications	1	Each		
98	Supply and install 200/300 bar valve with flexibility of actuation methods for inert gas applications	1	Each		
99	Supply and install Discharge pressure regulator	1	Each		
100	Supply and install pressure gauge	1	Each		
101	Supply and install monitoring switch	1	Each		
102	Supply and install pilot hose 400mm	1	Each		
103	Supply and install pilot hose 500mm	1	Each		
104	Supply and install pilot hose 700mm	1	Each		
105	Supply and install electromagnetic release device with blocking	1	Each		
106	Supply and install bleed valve	1	Each		
107	Supply and install check valve	1	Each		
108	Supply and install manifold for inert gas 1 row	1	Each		
109	Supply and install manifold for inert gas – 2 row	1	Each		
110	Supply and install manifold connectors	1	Each		
111	Supply and install manifold end cap	1	Each		
112	Supply and install pressure gauge for manifold	1	Each		
113	Supply and install safety valve for manifold	1	Each		
114	Supply and install pressure and flow detector switch	1	Each		
115	Supply and install discharge nozzle	1	Each		
116	Supply and install 80L cylinder mounting bracket single row	1	Each		
117	Supply and install 80L cylinder mounting bracket double row	1	Each		

118	Supply and install manifold mounting bracket	1	Each		
	FM 200				
119	Refill gas cylinder	1	KG		
120	Supply and install cylinder valve	1	Each		
121	Supply and install wall mount cylinder bracket	1	Each		
122	Supply and install pressure gauge	1	Each		
123	Supply and install low pressure supervisory switch	1	Each		
124	Supply and install electric valve actuator	1	Each		
125	Supply and install discharge pressure switch	1	Each		
126	Supply and install manifold check valve	1	Each		
127	Supply and install manual valve actuator	1	Each		
128	Supply and install flex hose	1	Each		
129	Supply and install pilot actuation mid line tee	1	Each		
130	Supply and install pneumatic valve actuator	1	Each		
131	Supply and install discharge manifold	1	Each		
132	Supply and install male NTP adaptor	1	Each		
133	Supply and install pilot actuation end of line tee	1	Each		
134	Supply and install discharge nozzle	1	Each		
135	Supply and install 16kg cylinder	1	Each		
136	Supply and install 48kg cylinder	1	Each		
137	Supply and install 71 kg cylinder	1	Each		
138	Supply and install 90kg cylinder	1	Each		
139	Supply and install fire and extinguishing combination panel	1	Each		
140	Supply and install extinguishing control panel	1	Each		
141	Supply and install extinguishing repeater panel	1	Each		
142	General service of gas cylinder including pressure test	1	Each		
143	Test ATS8600 program running in order and all alarms are received from each site at Control Room	1	Complete		
		SUT TOTAL			
		VAT			
		TOTAL			