CONFIDENTIAL DOCUMENT

LIMPOPO

PROVINCIAL GOVERNMENT
REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF
PUBLIC WORKS, ROADS & INFRASTRUCTURE

TENDER NUMBER: LDPWRI- BM/20585

APPOINTMENT OF FRAMEWORK CONTRACTOR FOR THE SUPPLY, DELIVERY, INSTALLATION, PREVENTATIVE MAINTENANCE, REPAIRS AND SERVICING OF FIRE PROTECTION SYSTEMS AND EQUIPMENT IN THE LIMPOPO PROVINCE, ACROSS FIVE DISTRICTS FOR A PERIOD OF 36 MONTHS.

3SF or HIGHER

Issued by:

Limpopo Department of Public Works, Roads and Infrastructure
Works Towers Building
43 Church Street
Polokwane
0700

Contact Person: General Queries
Name : Mr NJ Motsopye,
Tel No. : 015 284 7126
Email : motsopyen@dpw.limpopo.gov.za

Technical: Technical Queries
Name : Mr. F Sigebe
Tel No. : 015 284 7714
Email : sigebef@dpw.limpopo.gov.za

Name of the Tenderer:.....

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PART T1: TENDERING PROCEDURE

Bidder's Initials

The Limpopo Department of Public Works, Roads and Infrastructure invites tenderers for the **APPOINTMENT OF FRAMEWORK CONTRACTOR FOR THE SUPPLY, DELIVERY, INSTALLATION, PREVENTATIVE MAINTENANCE, REPAIRS AND SERVICING OF FIRE PROTECTION SYSTEMS AND EQUIPMENT IN THE LIMPOPO PROVINCE, ACROSS FIVE DISTRICTS FOR A PERIOD OF 36 MONTHS**. It is estimated that tenderers must have a CIDB contractor grading designation of **3SF or HIGHER**

The department will appoint five (5) service providers for the districts in table 1 below. Appointment will be limited to one service provider per district. The bidders must indicate which district(s) they are bidding for by marking in table 1 below. The Awarding procedure is as follows.

- This document consists of five (5) bills of quantities and five (5) forms of offer for each respective district.
- The bidders are instructed to return the respective form(s) of offer and its(their) corresponding completed bill(s) of quantity for the district (s) they are bidding for.
- The awarding process will follow the order as shown in table 1 below.
- The qualifying bidders will be grouped according to the district(s) they bid for, starting with Capricon District, the bidder with the highest points in stage 3 (specific goals and price) will be awarded the bid for the district, negotiations will take during the award of bid.
- For Mopani Districts and others following it, the bidder with the highest points in stage 3 (specific goals and price) will be awarded the bid for the district under consideration provided they were not awarded any bid for the district preceding the district they are being considered for(**Note if bidder has the second highest points to the bidder already awarded the bid for the proceeding district then, negotiations will take place before the award of the bid**).
- This process will take place until all the bids are awarded to the relevant qualifying service providers.

Table 1. District selection

District bidding for	Mark to select
1.Capricorn District	
2.Mopani District	
3.Sekhukhune District	
4.Vhembe District	
5.Waterberg Districts	

LDPWRI or any client department or any organs of state including Municipality and State-Owned Entities, may make use of this framework of contractors and issue may make use this term contract and issue Task Orders or Job cards, for work falling within the scope of the contained herein.

The Conditions of Tender applicable to this contract are the Standard Conditions of Tender as contained in Annexure C of the CIDB Standard for Uniformity in Construction Procurement (August 2019) as published in Government Gazette No. 42622, Department of Public Works Notice 423 & SANS 10845. (See www.cidb.org.za), to which tenderers are referred to for their information purposes in relation to this Tender Data.

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Project Name	**APPOINTMENT OF FRAMEWORK CONTRACTOR FOR THE SUPPLY, DELIVERY, INSTALLATION, PREVENTATIVE MAINTENANCE, REPAIRS AND SERVICING OF FIRE PROTECTION SYSTEMS AND EQUIPMENT IN THE LIMPOPO PROVINCE, ACROSS FIVE DISTRICTS FOR A PERIOD OF 36 MONTHS. 3SF OR HIGHER**	
Tender Number	**LDPWRI-BM/20585**	
Tender documents availability	Limpopo Department of Public Works, Roads and Infrastructure website	
Address for submission of tenders	DEPARTMENT OF PUBLIC WORKS, ROADS & INFRASTRUCTURE. Physical address: Corner River and Blaauwberg Streets, Ladanna, 0699.	
Closing date of the tender		
Closing time of the tender	**11H00**	
Compulsory briefing meeting (*Tenderers must sign the attendance register in the name of the tendering entity. Addenda (if any) will be issued only to those tendering entities appearing on the attendance register*)	Yes ☐	No ☒
	Meeting venue	**See Tender Bulletin**
	Date	**See Tender Bulletin**
	Time:	**See Tender Bulletin**
Evaluation criteria	1. Compliance with mandatory or compulsory requirements 2. Functionality 3. Price and Specific Goals	
Mandatory or Compulsory Requirements (*failure to submit or comply with these requirements will lead to automatic disqualification*)	Only tenderers who are registered with the Construction Industry Development Board (CIDB) with designation of **3SF or HIGHER** contractor grading determined in accordance with the sum tendered, or a value determined in accordance with Regulation 25 (1B) or 25(7A) of the Construction Industry Development Regulations are eligible to have their tenders evaluated.	

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T1.2 TENDER DATA

Clause number	Tender Data
	The conditions of tender are the Standard Conditions of Tender as contained in Annex C of Board Notice 423 of 2019 in Government Gazette No. 42622 of 08 August 2019, Construction Industry Development Board (CIDB) Standard for Uniformity in Construction Procurement. (See www.cidb.org.za) which are reproduced without amendment or alteration for the convenience of tenderers as an Annex to this Tender Data. The Standard Conditions of Tender make several references to the Tender Data for details that apply specifically to this tender. The Tender Data shall have precedence in the interpretation of any ambiguity or inconsistency between it and the standard conditions of tender. Each item of data given below is cross-referenced to the clause in the Standard Conditions of Tender to which it mainly applies. The following variations, amendments and additions to the Standard Conditions of Tender as set out in the Tender Data below shall apply to this tender. Add the following to clauses in Standard Conditions of Tender:
C.1.1	The Employer is the **Limpopo Department of Public Works, Roads and Infrastructure**

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C.1.2	**The Tender** **Part T1: Tendering procedures** T1.1 Tender notice and invitation to tender T1.2 Tender data **Part T2: Returnable documents** T2.1 List of returnable documents T2.2 Returnable schedules **The Contract** **Part C1: Agreements and contract data** C1.1 Form of offer and acceptance C1.2 Contract data C1.3 Joint Venture Agreement (If Applicable) **Part C2: Pricing data** C2.1 Pricing instructions C2.2 Bills of Quantities **Part C3: Scope of work** C3.1 Scope of Works C3.2 Specifications
C.1.4	All communications related to this tender should be directed to the persons indicated under Enquires on this tender document. Attention is also drawn to the fact that verbal information, given by the Employer's agent during site visits/clarification meetings or at any other time prior to the award of the Contract, will not be regarded as binding on the Employer. Only information issued formally by the Employer in writing to tenderers will be regarded as amending the Tender Documents.
C.1.5	The employer reserve to cancel the tender prior to the award of the tender.
C1.6.3	A two-stage system will not be followed.

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C.2.1	**Eligibility Criteria (Mandatory Requirements)** Only those tenderers who satisfy the following eligibility criteria **and** who provide the required evidence in their tender submissions are eligible to submit tenders and have their tenders evaluated: 1. The tenderer: a) is registered in terms of the Companies Act, 2008 (Act 71 of 2008) or Close Corporation Act, 1984, (Act No. 69 of 1984) or, if a partnership, has in place a partnership agreement that enables the partnership to automatically continue to function in the event of a death or withdrawal of one of the partners; b) is not an unincorporated joint venture (i.e. the JV must be registered with CSD, CIPC and SARS as a JV, and all supporting documents must be submitted); and 2. The tenderer is registered on the National Treasury Central Supplier Data Base (https://secure.csd.gov.za). 3. Eligibility in respect to CIDB Only tenderers who are registered with the Construction Industry Development Board (CIDB) with designation of **3SF or HIGHER** contractor grading determined in accordance with the sum tendered, or a value determined in accordance with Regulation 25 (1B) or 25(7A) of the Construction Industry Development Regulations are eligible to have their tenders evaluated. Joint ventures are eligible to submit tenders provided that: 1. Every member of the joint venture is registered with the CIDB. 2. The lead partner has a contractor grading designation Mechanical Engineering Works as **3SF or HIGHER**. 3. The combined contractor grading designation calculated in accordance with the Construction Industry Development Regulations is equal to or higher than a contractor grading designation determined in accordance with the sum tendered for an elevator maintenance and service – Infrastructure or a value determined in accordance with Regulation 25 (1B) or 25(7A) of the Construction Industry Development Regulations.
C2.2	**Cost of tendering** The tenderer accepts that, unless otherwise stated in the tender data, the employer will not compensate the tenderer for any costs incurred in the preparation and submission of a tender offer, including the costs of any testing necessary to demonstrate that aspects of the offer complies with requirements
C.2.7	**Compulsory site briefing** No compulsory briefing meeting.
C.2.11	**Alterations to the documents** Tenderers are required to not make any alterations or additions to the tender documents, except to comply with instructions issued by the employer, or necessary to correct errors made by the tenderer. All signatories to the tender offer shall initial all such alterations

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C.2.12	**Alternative tender offer** No alternative tender offer is permitted in this tender.
C.2.13.2	Return all returnable documents to the employer after completing them in their entirety by writing in **non-erasable black ink**
C.2.13.3	Parts of each tender offer communicated on paper shall be submitted as an original
C.2.13.4	The tender shall be signed by a person duly authorized to do so.
C.2.13.5	The employer's details and address for delivery of tender offers and identification details that are to be shown on each tender offer package are: **Location of tender box: DEPARTMENT OF PUBLIC WORKS, ROADS & INFRASTRUCTURE.** **Physical address: Corner River and Blaauwberg Streets, Ladanna, 0699** **Identification details:** Sealed Tender with Tender reference number, Title of Tender and the closing date and time of the tender.
C.2.15.1	The closing time for submission of tender offers is as stated in the Tender Notice and Invitation to Tender. Telephonic, telegraphic, telex, facsimile or e-mailed tender offers will not be accepted.
C.2.16.1	The tender offer validity period is **120 days.**
C.2.16.2	The tender accepts that a tender submission that has been submitted to the employer may only be withdrawn or substituted by giving the employer's agent written notice before the closing time for tenders that a tender is to be withdrawn or substituted. If the validity period stated in C.2.16 lapses before the employer-evaluating tender, the contractor reserves the right to review the price based on Consumer Price Index (CPI).
C.3.1	The tenderer is required to indicate how they claim points for each preference point system and attached relevant supporting documents. The specific goals for claiming of preference points include the following: - Enterprises owned by People with Disabilities **(Submit: Disability certificate issued by health professionals)** - Enterprises owned by Women **(Submit: Central Supplier Database (CSD))**. - Small, Medium and Micro Enterprises (SMMEs) **(Submit: Central Supplier Database (CSD)**. - Enterprises owned by Youth (**Central Supplier Database (CSD)).** - Enterprises located in Limpopo Province **(Attach Municipal Utility Bills or Lease agreement or Proof of Residence from Tribal authority/Municipal Council).** **NOTE:** The means of verification as indicated in bold above **MUST BE SUBMITTED** in order for the claimed points to be awarded.
	CIDB Grading Certificate Tenders are required to provide proof of registration with the CIDB register of contractors indicating the category of registration, grading as well as the CRS number of the tenderer. ***Letter of Good Standing*** Tender are required to submit, bound with the tender submission, a letter of good from the Compensation commissioner indicating that the tenderer is in good standing.
C3.2	Notwithstanding any requests for confirmation of receipt of Addenda issued, the tenderer shall be deemed to have received such addenda if the employer can show proof of transmission thereof (or a notice in respect thereof) via electronic mail, facsimile or registered post.

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C.3.2.1 Tenders will **not** be opened immediately after the closing time for tenders.

C.3.2.2 The tenderers will be evaluated in three stages:

a) **Stage 1:** Administrative Compliance: The Compliance or compulsory documents and returnable are detailed in Section T.2.1 of this tender document. Failure to submit, complete or comply with these requirements will lead to automatic disqualification.

b) **Stage 2:** Functionality: Functionality of responsive bids submitted will be evaluated according to the predetermined criteria described below. Bidders are required to score a minimum number of evaluation points of **70** for functionality in order to proceed to the next phase of evaluation.

CRITERIA	DESCRIPTION	POINTS
Bidders previous experience	Bidder's past experience (proof of supply, maintenance and repairs of fire protection systems and equipment).	**25**
Key personnel	Background and experience of all key personnel proposed to undertake the services.	**50**
Plant	Bidder submit a list of plant	**10**
Physical location in the province	Company office and fully established factory established in Limpopo Province	**15**
Maximum possible Score		**100**

c) **Stage 3:** Price and Specific goals

The procedure for final evaluation of responsive tenders is Method 2 (Financial offer and preference). The total number of tender evaluation points (T_{EV}) shall be determined in accordance with the following formula.

$$T_{EV} = N_{FO} + N_P$$

N_{FO} is the number of tender evaluation points awarded for the financial offer made. The score for financial offer is calculated using the following formula:

$$P = A * \left(1 - \frac{(P_o - P_m)}{P_m}\right)$$

Where:

A is 80 since the estimated financial value of works inclusive of VAT is equals or is less than R 50,000,000.00.

P is the points awarded to the tender under consideration

P_m is the lowest Comparative tender price

P_o is the comparative price under consideration

N_P is the number of tender evaluation points awarded for preferences claimed in accordance with the Preferencing Schedule in 3.18

The award will only be issued to contractors with valid Tax Clearance certificates, active CIDB grading and the contractor who meets all the legislative requirement – this shall be verified by SCM in line with the departmental SCM Policy.

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PART T2: RETURNABLE DOCUMENTS

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T2.1: LIST OF RETURNABLE DOCUMENTS

1. The following documents **must** be submitted by the Contractors as part of the tender document:

   a) Fully Completed and signed Form of Offer
   b) Submission of fully completed and signed Standard Bidding Documents
      1.1. SBD 1: Invitation to bid
      1.2. SBD 3.2: Pricing Schedule – Non-Firm Prices
      1.3. SBD 4: Bidder's Disclosure
      1.4. SBD 6.1: Reference Points claim form in terms of the Preferential Procurement Regulations 2022 or amended
   c) Fully completed and signed Record of Addenda to tender documents (if applicable)
   d) Fully completed and signed Proposed Amendments and Qualifications (if applicable)
   e) Fully completed and signed Compulsory Declaration
   f) Fully completed and signed Certificate of Authority
   g) CSD Full Report (**must be printed within advert period**)
   h) Valid CIDB grading certificate
   i) Fully completed BOQ(s)
   j) JV Agreement (if applicable)
   k) Completed table 1 in tender notice and invitation
   l) Municipal Utility Bills or Lease Agreement or Proof of Residence from Tribal Authority/Municipal Council

Failure to submit the following will lead to automatic disqualification:

   a) Fully Completed and signed Form(s) of Offer
   b) Fully Completed and signed SBD4
   c) Fully completed signed Compulsory Declaration
   d) Fully completed signed Certificate of Authority
   e) JV Agreement (if applicable)
   f) Fully completed BOQ (s)
   g) Completed table 1 in tender notice and invitation

2. The following returnable documents are ***required for tender evaluation purposes. Tenderers will not be disqualified for failure to submit or complete these returnable documents. However, it will affect the awarding of points during evaluations.***
   a. Completion certificates on the completed projects.
   b. List of plant owned and /or leased and proof of ownership.
   c. Curriculum Vitae of all key staff allocated to this project, indicating their experience and qualifications and professional registration with relevant council or body.
   d. Certified copies (not older than 6 months) of all qualifications, professional registrations and training
   e. Certified copy of the company's directors' identity documents not older than six (6) months. No copy of a certified copy will be accepted.
   f. Copy of COIDA (Compensation for Occupational Injuries and Diseases) registration certificate, e.g. Letter of Good Standing
   g. Letter from Financial Institution showing the Bank rating.

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T 2.2: RETURNABLE SCHEDULE

No.	Document Name	Disqualifying Criteria?
1.	Fully Completed and signed Form of Offer	☒Yes ☐ No
2.	SBD 1: Invitation to bid	☐Yes ☒ No
3.	SBD 3.2: Pricing Schedule – Non-Firm Prices	☐Yes ☒ No
4.	SBD 4: Bidder's Disclosure	☒Yes ☐ No
5.	SBD 6.1: Reference Points claim form in terms of the Preferential Procurement Regulations 2022 or amended	☐Yes ☒ No
6.	Record of Addenda to tender documents	☐Yes ☒ No
7.	Proposed Amendments and Qualifications	☐Yes ☒ No
8.	Compulsory Declaration	☒Yes ☐ No
9.	Certificate of Authority	☒Yes ☐ No
10.	CSD Report	☐Yes ☒ No
11.	JV Agreement (if applicable)	☒Yes ☐ No
12.	Valid CIDB grading certificate	☐Yes ☒ No
13.	Table 1 in tender notice and invitation	☒Yes ☐ No
14.	Letter from Financial Institution showing the Bank rating	☐Yes ☒ No
15.	Certificates on the completed projects.	☐Yes ☒ No
16.	List of plant owned and /or leased and proof of ownership.	☐Yes ☒ No
17.	Curriculum Vitae of all key staff	☐Yes ☒ No
18.	Fully completed BOQ	☒Yes ☐ No
19.	Municipal Utility Bills or Lease Agreement or Proof of Residence from Tribal Authority/Municipal Council	☐Yes ☒ No

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Record of Addenda to tender documents

We confirm that the following communications received from the Employer before the submission of this tender offer, amending the tender documents, have been taken into account in this tender offer:

No.	Date	Title or Details
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

Attach additional pages if more space is required.

Signed _____ Date _____

Name _____ Position _____

Tenderer _____

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Proposed amendments and qualifications

The Tenderer should record any deviations or qualifications he may wish to make to the tender documents in this Returnable Schedule. Alternatively, a tenderer may state such deviations and qualifications in a covering letter to his tender and reference such letter in this schedule.

Page	Clause or item	Proposal

Signed _____ Date _____

Name _____ Position _____

Tenderer _____

The Tenderer's attention is drawn to clause 5.8 of SANS 10845-3 regarding the employer's handling of material deviations and qualifications.

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Compulsory Declaration

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

Section 1: Enterprise Details

Name of enterprise:	
Contact person:	
Email:	
Telephone:	
Cell no	
Fax:	
Physical address	
Postal address	

Section 2: Particulars of companies and close corporations

Company / Close Corporation registration number	

Section 3: SARS Information

Tax reference number	
VAT registration number:	*(State if not registered for VAT)*

Section 4: CIDB registration number:

Section 5: National Treasury Central Supplier Database

Supplier number/ Unique registration reference number	

Section 6: Particulars of principals

principal: means a natural person who is a partner in a partnership, a sole proprietor, a director of a company established in terms of the Companies Act of 2008 (Act No. 71 of 2008) or a member of a close corporation registered in terms of the Close Corporation Act, 1984, (Act No. 69 of 1984).

Full name of principal	Identity number	Personal tax reference number

Attach separate page if necessary

Bidder's Initials _____

Section 7: Record in the service of the state

Indicate by marking the relevant boxes with a cross, if any principal is currently or has been within the last 12 months in the service of any of the following:

- a member of any municipal council
- a member of any provincial legislature
- a member of the National Assembly or the National Council of Province
- a member of the board of directors of any municipal entity
- an official of any municipality or municipal entity
- an employee of any department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act of 1999 (Act No. 1 of 1999)
- a member of an accounting authority of any national or provincial public entity
- an employee of Parliament or a provincial legislature

If any of the above boxes are marked, disclose the following:

Name of principal	**Name of institution, public office, board or organ of state and position held**	**Status of service** *(tick appropriate column)*	
		Current	**Within last 12 months**

*insert separate page if necessary

Section 8: Record of family member in the service of the state

family member: a person's spouse, whether in a marriage or in a customary union according to indigenous law, domestic partner in a civil union, or child, parent, brother, sister, whether such a relationship results from birth, marriage or adoption

Indicate by marking the relevant boxes with a cross, if any family member of a principal as defined in section 5 is currently or has been within the last 12 months been in the service of any of the following:

- a member of any municipal council
- a member of any provincial legislature
- a member of the National Assembly or the National Council of Province
- a member of the board of directors of any municipal entity
- an official of any municipality or municipal entity
- an employee of any provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act 1 of 1999)
- a member of an accounting authority of any national or provincial public entity
- an employee of Parliament or a provincial legislature

Name of family member	**Name of institution, public office, board or organ of state and position held**	**Status of service (tick appropriate column)**	
		Current	**Within last 12 months**

*insert separate page if necessary

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Section 9: Record of termination of previous contracts with an organ of state

Was any contract between the tendering entity including any of its joint venture partners terminated during the past 5 years for reasons other than the employer no longer requiring such works or the employer failing to make payment in terms of the contract.

☐ **Yes** ☐ **No (Tick appropriate box)**

If yes, provide particulars (interest separate page if necessary)

Section 10: Declaration

The undersigned, who warrants that he / she is duly authorised to do so on behalf of the tendering entity confirms that the contents of this Declaration are within my personal knowledge, and save where stated otherwise in an attachment hereto, are to the best of my belief both true and correct, and:

i) neither the name of the tendering entity or any of its principals appears on:
   a) the Register of Tender Defaulters established in terms of the Prevention and Combating of Corrupt Activities Act of 2004 (Act No. 12 of 2004)
   b) National Treasury's Database of Restricted Suppliers (see www.treasury.gov.za)

ii) neither the tendering entity of any of its principals has within the last five years been convicted of fraud or corruption by a court of law (including a court outside of the Republic of South Africa);

iii) any principal who is presently employed by the state has the necessary permission to undertake remunerative work outside such employment (attach permission to this declaration);

iv) the tendering entity is not associated, linked or involved with any other tendering entities submitting tender offers

v) has not engaged in any prohibited restrictive horizontal practices including consultation, communication, agreement, or arrangement with any competing or potential tendering entity regarding prices, geographical areas in which goods and services will be rendered, approaches to determining prices or pricing parameters, intentions to submit a tender or not, the content of the submission (specification, timing, conditions of contract etc) or intention to not win a tender;

vi) has no other relationship with any of the tenderers or those responsible for compiling the scope of work that could cause or be interpreted as a conflict of interest;

vii) neither the tenderer or any of its principals owes municipal rates and taxes or municipal service charges to any municipality or a municipal entity and are not in arrears for more than 3 months;

viii) SARS may, on an on-going basis during the term of the contract, disclose the tenderer's tax compliance status to the Employer and when called upon to do so, obtain the written consent of any subcontractors who are subcontracted to execute a portion of the contract that is entered into in excess of the threshold prescribed by the National Treasury, for SARS to do likewise.

Signed _____ Date _____

Name _____ Position _____

Enterprise _____

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Certificate Of Authority

Indicate the status of the tenderer by ticking the appropriate box hereunder. The tenderer must complete the certificate set out below for the relevant category.

NB: Complete relevant section. Do not write "See Attached"

A Company	B Partnership	C Joint Venture	D Sole Proprietor	E Close Corporation

A. Certificate for company

I,....., chairperson of the board of directors of ....., hereby confirm that by resolution of the board (copy attached) taken on .....20...., Mr/Mrs.....acting in the capacity of.....,was authorised to sign all documents in connection with this tender and any contract resulting from it on behalf of the company.

As witness

1..... .....
Chairman

2..... .....
Date

B. Certificate of partnership

We, the undersigned, being the key partners in the business trading as .....

hereby authorise Mr/Mrs....., acting in the capacity of.....to sign all documents in connection with the tender for Contract.....and any contract resulting from it on our behalf.

NAME	ADDRESS	SIGNATURE	DATE

NOTE: This certificate is to be completed and signed by all of the key partners upon whom rests the direction of the affairs of the Partnership as a whole.

C. Certificate for Joint Venture

We, the undersigned, are submitting this tender offer in Joint Venture and hereby authorise Mr/Mrs....., authorised signatory of the company .....,acting in the capacity of lead partner, to sign all documents in connection with the tender offer for Contract.....and any other contract resulting from it on our behalf.

This authorisation is evidenced by the attached power of attorney signed by legally authorised signatories of all the partners to the Joint Venture.

NAME OF FIRM	ADDRESS	AUTHORISING SIGNATURE, NAME & CAPACITY

D. Certificate for sole proprietor

I, ..., hereby confirm that I am the sole owner of the business trading as.....

As Witness:

1..... .....
Signature: Sole owner

2..... .....
Date

E. Certificate for Close Corporation

We, the undersigned, being the key members in the business trading as.....hereby authorise Mr/Mrs.....acting in the capacity of....., to sign all documents in connection with the tender for Contract.....and any contract resulting from it on our behalf.

NAME	ADDRESS	SIGNATURE	DATE

NOTE: This certificate is to be completed and signed by all the key members upon whom rests the direction of the affairs of the Close Corporation as a whole.

T2.3: FUNCTIONALITY

EVALUATION SCHEDULE 1: FUNCTIONALITY CRITERIA

Bidders are required to score a minimum number of evaluation points of 70 for functionality in order to proceed to the next phase of evaluation.

<table>
<tr><th>Technical Criteria</th><th>Sub-criteria</th><th>Points</th></tr>
<tr><td>Bidder's previous experience for supply, delivery, repairs and servicing of fire protection systems and equipment.
.</td><td>Letter of completion for previous work and or current projects on design, delivery, installation, repairs and maintenance of fire protection system equipment on an appropriate letterhead and signed off by client, m attached. Bidder should also complete Schedule 2.

<table><tr><th>Description</th><th>Points allocated</th></tr><tr><td>No letter</td><td>0</td></tr><tr><td>1 x Letter submitted</td><td>5</td></tr><tr><td>2 x Letters submitted</td><td>10</td></tr><tr><td>3 x Letters submitted</td><td>15</td></tr><tr><td>4 x Letters submitted</td><td>20</td></tr><tr><td>5 x Letters submitted</td><td>25</td></tr></table></td><td>25</td></tr>
</table>

Bidder's Initials

<table>
<tr><th>Technical Criteria</th><th>Sub-criteria</th><th>Points</th></tr>
<tr><td>Key Personnel Capacity (background and experience of all key personnel proposed to undertake the services)</td><td>
Proposed project resource schedule

Attached brief CVs (not longer than 4 pager) for all key staff who will be engaged in the delivery of the service to LDPWRI (indicating technical qualifications, copies of qualifications, previous projects, experience).

Also attach copies of Professional Registration from the relevant Council (such as the Engineering Council of South Africa)

Certified copies shall be less than 6 months.

a) Allocation of Points for SAQCC-fire registered installer (Max = 20 points)
<table>
<tr><th>Category</th><th>Description</th><th>Points</th></tr>
<tr><td>(i) Qualifications</td><td>SAQCC-fire registered installer . (proof of certified copy is mandatory)</td><td>10</td></tr>
<tr><td rowspan="3">(ii) Experience (in the maintenance, repair or servicing of fire protection systems and equipment)</td><td>5 years or more relevant experience</td><td>10</td></tr>
<tr><td>1 to 4 years relevant experience.</td><td>6</td></tr>
<tr><td>Less than 1 year relevant experience</td><td>0</td></tr>
</table>
b) Allocation of Points for an Artisan (Max = 20 points)
<table>
<tr><th>Category</th><th>Description</th><th>Points</th></tr>
<tr><td>(i) Qualifications</td><td>SAQA registered Trade Test in the faculty of built environment (proof of certified copy is mandatory)</td><td>10</td></tr>
<tr><td rowspan="2">(ii) Experience (in the maintenance,</td><td>5 years or more relevant experience.</td><td>10</td></tr>
<tr><td>1 to 4 years relevant experience</td><td>6</td></tr>
<tr><td></td><td></td></tr>
</table>
</td><td>50</td></tr>
</table>

<table>
<tr><th>Technical Criteria</th><th>Sub-criteria</th><th>Points</th></tr>
</table>

Bidder's Initials

	repair or servicing and installation of fire protection systems and equipment	Less than 1-year relevant experience in the maintenance, repair or servicing of fire protection systems and equipment.	0	

d)Allocation of Points for safety officer (Max = 10 points)

Category	Description	Points	
(i) Registration with Council and relevant body	Legal appointment for a Site Safety Officer appointed in terms of the Occupational, Health and Safety Act (OHS Act) with registration with the professional council as a Safety Officer	5	
	No registration with the professional council as a Safety Officer	0	
(ii) Experience	5 years' experience or more as a safety officer	5	
	1 to 4 years of experience as safety officer	2	
	Less than 1 year experience	0	

Plant and equipment			

Description	Points	
		10

Bidder's Initials

	The bidder submit proof of ownership or lease of the 1 Ton bakkie (NB: provide proof of ownership and/or rental contract to claim the points) 2 x bakkies = 10 1 x bakkie = 5 No bakkie = 0	10	
Technical Criteria	**Sub criteria**		**points**
Company office established in Limpopo Province	Description: Offices in the Limpopo Province — Points: 15 points Description: Offices outside the Limpopo Province — Points: 0 points		15
Total score			**100**

Bidder's Initials

EVALUATION SCHEDULE 2: BIDDER'S EXPERIENCE

Relevant Experience in Similar Projects completed on time and include the following:

NB: Completion of this table is mandatory for points to be allocated. Completion certificate (if any) must be attached as proof of completion on time for full points to be allocated.

Client Name	**Project Description**	**Project Value**	**Project Duration**	***Completion Certificate Attached? (Yes/No)***	***Contact Person (Cell/Tel.)***

Bidder's Initials

SBD 1

PART A: INVITATION TO BID

YOU ARE HEREBY INVITED TO TENDER FOR REQUIREMENTS OF DEPARTMENT OF PUBLIC WORKS, ROADS AND INFRASTRUCTURE					
TENDER NUMBER:	**LDPWRI-BM/20585**	**CLOSING DATE**	**24/11/2025**	**CLOSING TIME:**	**11H00**
DESCRIPTION	**APPOINTMENT OF FRAMEWORK CONTRACTOR FOR THE SUPPLY, DELIVERY, INSTALLATION, PREVENTATIVE MAINTENANCE, REPAIRS AND SERVICING OF FIRE PROTECTION SYSTEMS AND EQUIPMENT IN THE LIMPOPO PROVINCE, ACROSS FIVE DISTRICTS FOR A PERIOD OF 36 MONTHS**				
TENDER RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE TENDER BOX SITUATED AT (STREET ADDRESS):					
DEPARTMENT OF PUBLIC WORKS, ROADS & INFRASTRUCTURE.					
Physical address: Corner River and Blaauwberg Streets, Ladanna, 0699.					
TENDERING PROCEDURE ENQUIRIES MAY BE DIRECTED TO					
CONTACT PERSON	Mr. NJ Motsopye				
TELEPHONE NUMBER	015 284 7126	E-MAIL ADDRESS	motsopyen@dpw.limpopo.gov.za		
CONTACT PERSON (TECHNICAL)	Mr. F. Sigebe				
TELEPHONE NUMBER	015 284 7714	E-MAIL ADDRESS	sigebeF@dpw.limpopo.gov.za		

SUPPLIER INFORMATION					
NAME OF TENDERER					
POSTAL ADDRESS					
STREET ADDRESS					
TELEPHONE NUMBER	CODE		NUMBER		
CELLPHONE NUMBER					
E-MAIL ADDRESS					
VAT REGISTRATION NUMBER					
SUPPLIER COMPLIANCE STATUS	TAX COMPLIANCE SYSTEM PIN:		**OR**	CENTRAL SUPPLIER DATABASE No:	MAAA

ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?	☐Yes ☐No [IF YES ENCLOSE PROOF]	ARE YOU A FOREIGN BASED SUPPLIER FOR **THE GOODS /SERVICES /WORKS OFFERED?**	☐Yes ☐No [IF YES, ANSWER THE QUESTIONNAIRE BELOW]

QUESTIONNAIRE TO TENDERING 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.

Bidder's Initials

PART B: TERMS AND CONDITIONS FOR TENDERING

1. TENDER SUBMISSION:
1.1. TENDERS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE TENDERS WILL NOT BE ACCEPTED FOR CONSIDERATION.
1.2. **ALL TENDERS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED–(NOT TO BE RE-TYPED) OR IN THE MANNER PRESCRIBED IN THE TENDER DOCUMENT.**
1.3. THIS TENDER 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 TENDERER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (SBD7).**
2. TAX COMPLIANCE REQUIREMENTS
2.1 TENDERERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.
2.2 TENDERERS 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 TENDERERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE TENDER.
2.5 IN TENDERS 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 TENDERER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.
2.7 NO TENDERS 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 TENDER INVALID.

SIGNATURE OF TENDERER:

.....

CAPACITY UNDER WHICH THIS TENDER IS SIGNED:

.....

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

Bidder's Initials

DATE: .....

Bidder's Initials

LIMPOPO
PROVINCIAL GOVERNMENT
REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF
PUBLIC WORKS, ROADS & INFRASTRUCTURE

SBD 4: 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 interest[1] 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

[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.

Bidder's Initials

2.2. Do you, or any person connected with the bidder, have a relationship with any person who is employed by the procuring institution?

YES/NO

2.2.1. If so, furnish particulars:

.....

.....

2.3. Does the bidder or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest in the enterprise have any interest in any other related enterprise whether or not they are bidding for this contract?

YES/NO

2.3.1 If so, furnish particulars:

.....

.....

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 consortium[2] 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.

3.5 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.

[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.

Bidder's Initials

3.6 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.

3.7 I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

I CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 1, 2 and 3 ABOVE IS CORRECT.

I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME IN TERMS OF PARAGRAPH 6 OF PFMA SCM INSTRUCTION 03 OF 2021/22 ON PREVENTING AND COMBATING ABUSE IN THE SUPPLY CHAIN MANAGEMENT SYSTEM SHOULD THIS DECLARATION PROVE TO BE FALSE.

....

Signature Date

....

Position Name of bidder

LIMPOPO
PROVINCIAL GOVERNMENT
REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF
PUBLIC WORKS, ROADS & INFRASTRUCTURE

SBD 3.2: PRICING SCHEDULE – NON-FIRM PRICES

(PURCHASES)

NOTE: PRICE ADJUSTMENTS WILL BE ALLOWED AT THE PERIODS AND TIMES SPECIFIED IN THE BIDDING DOCUMENTS.

IN CASES WHERE DIFFERENT DELIVERY POINTS INFLUENCE THE PRICING, A SEPARATE PRICING SCHEDULE MUST BE SUBMITTED FOR EACH DELIVERY POINT

Name of Bidder.....Bid number LDPWRI-BM/20585

Closing Time 11:00 ..... Closing date: 24/11/2025.

OFFER TO BE VALID FOR **120** DAYS FROM THE CLOSING DATE OF BID.

ITEM NO.	QUANTITY	DESCRIPTION	BID PRICE IN RSA CURRENCY **(ALL APPLICABLE TAXES INCLUDED)

- Required by: .....
- At:.....
- Brand and model:.....
- Country of origin: .....
- Does the offer comply with the specification(s)? *YES/NO
- If not to specification, indicate deviation(s): .....
- Period required for delivery: .....
- Delivery: *Firm/not firm

**** "all applicable taxes" includes value- added tax, pay as you earn, income tax, unemployment insurance fund contributions and skills development levies.**

***Delete if not applicable**

Bidder's Initials

PRICE ADJUSTMENTS

A NON-FIRM PRICES SUBJECT TO ESCALATION

1. IN CASES OF PERIOD CONTRACTS, NON-FIRM PRICES WILL BE ADJUSTED (LOADED) WITH THE ASSESSED CONTRACT PRICE ADJUSTMENTS IMPLICIT IN NON-FIRM PRICES WHEN CALCULATING THE COMPARATIVE PRICES

2. IN THIS CATEGORY PRICE ESCALATIONS WILL ONLY BE CONSIDERED IN TERMS OF THE FOLLOWING FORMULA:

$$Pa = (1 - V)Pt\left(D1\frac{R1t}{R1o} + D2\frac{R2t}{R2o} + D3\frac{R3t}{R3o} + D4\frac{R4t}{R4o} \right) + VPt$$

Where:

Pa = The new escalated price to be calculated.
(1-V)Pt = 85% of the original bid price. **Note that Pt must always be the original bid price and not an escalated price.**
D1, D2.. = Each factor of the bid price e.g. labour, transport, clothing, footwear, etc. The total of the various factors D1, D2...etc. must add up to 100%.
R1t, R2t..... = Index figure obtained from new index (depends on the number of factors used).
R1o, R2o = Index figure at time of bidding.
VPt = 15% of the original bid price. This portion of the bid price remains firm i.e. it is not subject to any price escalations.

3. The following index/indices must be used to calculate your bid price:

Index..... Dated..... Index..... Dated..... Index..... Dated.....

Index..... Dated..... Index..... Dated..... Index..... Dated.....

4. FURNISH A BREAKDOWN OF YOUR PRICE IN TERMS OF ABOVE-MENTIONED FORMULA. THE TOTAL OF THE VARIOUS FACTORS MUST ADD UP TO 100%.

FACTOR (D1, D2 etc. e.g. Labour, transport etc.)	PERCENTAGE OF BID PRICE

Bidder's Initials

B PRICES SUBJECT TO RATE OF EXCHANGE VARIATIONS

1. Please furnish full particulars of your financial institution, state the currencies used in the conversion of the prices of the items to South African currency, which portion of the price is subject to rate of exchange variations and the amounts remitted abroad.

PARTICULARS OF FINANCIAL INSTITUTION	ITEM NO	PRICE	CURRENCY	RATE	PORTION OF PRICE SUBJECT TO ROE	AMOUNT IN FOREIGN CURRENCY REMITTED ABROAD
				ZAR=		
				ZAR=		
				ZAR=		
				ZAR=		
				ZAR=		
				ZAR=		

2. Adjustments for rate of exchange variations during the contract period will be calculated by using the average monthly exchange rates as issued by your commercial bank for the periods indicated hereunder: (Proof from bank required)

AVERAGE MONTHLY EXCHANGE RATES FOR THE PERIOD:	DATE DOCUMENTATION MUST BE SUBMITTED TO THIS OFFICE	DATE FROM WHICH NEW CALCULATED PRICES WILL BECOME EFFECTIVE	DATE UNTIL WHICH NEW CALCULATED PRICE WILL BE EFFECTIVE

Bidder's Initials

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DEPARTMENT OF
PUBLIC WORKS, ROADS & INFRASTRUCTURE

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 To be completed by the organ of state

a) The applicable preference point system for this tender 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.

Bidder's Initials

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 tender 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).

Bidder's Initials

3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

3.1. POINTS AWARDED FOR PRICE

3.1.1 THE 80/20 OR 90/10 PREFERENCE POINT SYSTEMS

A maximum of 80 or 90 points is allocated for price on the following basis:

80/20 **or** **90/10**

$$Ps = 80\left(1 - \frac{Pt - P\,min}{P\,min}\right) \text{ or } \quad Ps = 90\left(1 - \frac{Pt - P\,min}{P\,min}\right)$$

Where

Ps = Points scored for price of tender under consideration

Pt = Price of tender under consideration

Pmin = Price of lowest acceptable tender

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

3.2.1. POINTS AWARDED FOR PRICE

A maximum of 80 or 90 points is allocated for price on the following basis:

80/20 **or** **90/10**

$$Ps = 80\left(1 + \frac{Pt - P\,max}{P\,max}\right) \quad \text{or} \quad Ps = 90\left(1 + \frac{Pt - P\,max}{Pmax}\right)$$

Where

Ps = Points scored for price of tender under consideration

Pt = Price of tender under consideration

Pmax = Price of highest acceptable tender

Bidder's Initials

4. POINTS AWARDED FOR SPECIFIC GOALS

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

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

(a) an invitation for tender for income-generating contracts, that either the 80/20 or 90/10 preference point system will apply and that the highest acceptable tender will be used to determine the applicable preference point system; or

(b) any other invitation for tender, that either the 80/20 or 90/10 preference point system will apply and that the lowest acceptable tender will be used to determine the applicable preference point system,

then the organ of state must indicate the points allocated for specific goals for both the 90/10 and 80/20 preference point system.

Bidder's Initials

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

Note to organs of state: *Where either the 90/10 or 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)**
Enterprises owned by People with Disabilities **(Submit: Disability certificate issued by health professionals)**	2	
Enterprises owned by Women **(Submit: Central Supplier Database (CSD).**	7	
Small, Medium and Micro Enterprises (SMMEs). **(Submit: Central Supplier Database (CSD).**	2	
Enterprises owned by Youth. **(Submit: Central Supplier Database (CSD).**	4	
Enterprises located in Limpopo Province **(Submit Municipal Utility Bills or Lease Agreement or Proof of Residence from Tribal Authority/Municipal Council)**	5	

DECLARATION WITH REGARD TO COMPANY/FIRM

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

4.4. Company registration number: .....

4.5. TYPE OF COMPANY/ FIRM [TICK APPLICABLE BOX]

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

Bidder's Initials

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

i) The information furnished is true and correct;

ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;

iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 4.2, the contractor may be required to furnish documentary proof to the satisfaction of the organ of state that the claims are correct;

iv) If the specific goals have been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the organ of state may, in addition to any other remedy it may have –

(a) disqualify the person from the tendering process;

(b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;

(c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;

(d) recommend that the tenderer or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and

(e) forward the matter for criminal prosecution, if deemed necessary.

.....

SIGNATURE(S) OF TENDERER(S)

SURNAME AND NAME: .....

DATE: .....

ADDRESS: .....

.....

.....

Bidder's Initials

PART C1: AGREEMENT AND CONTRACT DATA

Bidder's Initials

C1.1. FORM OF OFFER AND ACCEPTANCE

Offer

The employer, identified in the acceptance signature block, has solicited offers to enter into a contract in respect of the following works:

APPOINTMENT OF FRAMEWORK CONTRACTOR FOR THE SUPPLY, DELIVERY, INSTALLATION, PREVENTATIVE MAINTENANCE, REPAIRS AND SERVICING OF FIRE PROTECTION SYSTEMS AND EQUIPMENT IN THE LIMPOPO PROVINCE, ACROSS FIVE DISTRICTS FOR A PERIOD OF 36 MONTHS (CAPRICON DISTRICT)

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

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

THE OFFERED TOTAL OF THE PRICE INCLUSIVE OF VALUE ADDED TAX IS (CONTRACT PRICE)

Rand (in words); R .....

.....

(in figures) R.....

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

Signature(s) ....

Name(s) ....

Capacity ....

For the tenderer: .....

Name & signature of witness ..... Date .....

Bidder's Initials

Acceptance (To be completed by the employer – not the tenderer)

By signing this part of this Form of Offer and Acceptance, the *Employer* identified below accepts the tenderer's Offer. In consideration thereof, the *Employer* shall pay the Consultant the amount due in accordance with the *conditions of contract* identified in the Contract Data. Acceptance of the tenderer's Offer shall form an agreement between the *Employer* and the tenderer upon the terms and conditions contained in this agreement and in the contract that is the subject of this agreement.

The terms of the contract, are contained in:

Part C1	Agreements and Contract Data, (which includes this Form of Offer and Acceptance)
Part C2	Pricing Data
Part C3	Scope of Work

and drawings and documents (or parts thereof), which may be incorporated by reference into the above listed Parts.

Deviations from and amendments to the documents listed in the Tender Data and any addenda thereto listed in the Returnable Schedules as well as any changes to the terms of the Offer agreed by the tenderer and the *Employer* during this process of offer and acceptance, are contained in the Schedule of Deviations attached to and forming part of this Form of Offer and Acceptance. No amendments to or deviations from said documents are valid unless contained in this Schedule.

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

Notwithstanding anything contained herein, this agreement comes into effect on the date when the tenderer receives one fully completed original copy of this document, including the Schedule of Deviations (if any). Unless the tenderer (now *Consultant*) within five working days of the date of such receipt notifies the *Employer* in writing of any reason why he cannot accept the contents of this agreement, this agreement shall constitute a binding contract between the Parties.

For the Employer

Signature .....

Name .....

Capacity .....

Name and address of organization

Signature and Name of Witness

Signature .....

Name .....

Capacity .....

Bidder's Initials

Schedule of Deviations

1 Subject .....

Details .....

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2 Subject .....

Details .....

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3 Subject .....

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4 Subject .....

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

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

Bidder's Initials

C1.2. FORM OF OFFER AND ACCEPTANCE

Offer

The employer, identified in the acceptance signature block, has solicited offers to enter into a contract in respect of the following works:

APPOINTMENT OF FRAMEWORK CONTRACTOR FOR THE SUPPLY, DELIVERY, INSTALLATION, PREVENTATIVE MAINTENANCE, REPAIRS AND SERVICING OF FIRE PROTECTION SYSTEMS AND EQUIPMENT IN THE LIMPOPO PROVINCE, ACROSS FIVE DISTRICTS FOR A PERIOD OF 36 MONTHS (MOPANI DISTRICT)

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

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

THE OFFERED TOTAL OF THE PRICE INCLUSIVE OF VALUE ADDED TAX IS (CONTRACT PRICE)

Rand (in words); R .....

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(in figures) R.....

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

Signature(s) .....

Name(s) .....

Capacity .....

For the tenderer: .....

Name & signature of witness .....

Date .....

Bidder's Initials

Acceptance (To be completed by the employer – not the tenderer)

By signing this part of this Form of Offer and Acceptance, the *Employer* identified below accepts the tenderer's Offer. In consideration thereof, the *Employer* shall pay the Consultant the amount due in accordance with the *conditions of contract* identified in the Contract Data. Acceptance of the tenderer's Offer shall form an agreement between the *Employer* and the tenderer upon the terms and conditions contained in this agreement and in the contract that is the subject of this agreement.

The terms of the contract, are contained in:

Part C1	Agreements and Contract Data, (which includes this Form of Offer and Acceptance)
Part C2	Pricing Data
Part C3	Scope of Work

and drawings and documents (or parts thereof), which may be incorporated by reference into the above listed Parts.

Deviations from and amendments to the documents listed in the Tender Data and any addenda thereto listed in the Returnable Schedules as well as any changes to the terms of the Offer agreed by the tenderer and the *Employer* during this process of offer and acceptance, are contained in the Schedule of Deviations attached to and forming part of this Form of Offer and Acceptance. No amendments to or deviations from said documents are valid unless contained in this Schedule.

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

Notwithstanding anything contained herein, this agreement comes into effect on the date when the tenderer receives one fully completed original copy of this document, including the Schedule of Deviations (if any). Unless the tenderer (now *Consultant*) within five working days of the date of such receipt notifies the *Employer* in writing of any reason why he cannot accept the contents of this agreement, this agreement shall constitute a binding contract between the Parties.

For the Employer

Signature .....

Name .....

Capacity .....

Name and address of organization

Signature and Name of Witness

Signature .....

Name .....

Capacity .....

Bidder's Initials

Schedule of Deviations

1 Subject .....

Details .....

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2 Subject .....

Details .....

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3 Subject .....

Details .....

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4 Subject .....

Details .....

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

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

Bidder's Initials

C1.3. FORM OF OFFER AND ACCEPTANCE

Offer

The employer, identified in the acceptance signature block, has solicited offers to enter into a contract in respect of the following works:

APPOINTMENT OF FRAMEWORK CONTRACTOR FOR THE SUPPLY, DELIVERY, INSTALLATION, PREVENTATIVE MAINTENANCE, REPAIRS AND SERVICING OF FIRE PROTECTION SYSTEMS AND EQUIPMENT IN THE LIMPOPO PROVINCE, ACROSS FIVE DISTRICTS FOR A PERIOD OF 36 MONTHS (SEKHUKHUNE DISTRICT)

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

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

THE OFFERED TOTAL OF THE PRICE INCLUSIVE OF VALUE ADDED TAX IS (CONTRACT PRICE)

Rand (in words); R .....

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(in figures) R.....

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

Signature(s) ....

Name(s) ....

Capacity ....

For the tenderer: .....

Name & signature of witness ..... Date .....

Acceptance (To be completed by the employer – not the tenderer)

By signing this part of this Form of Offer and Acceptance, the *Employer* identified below accepts the tenderer's Offer. In consideration thereof, the *Employer* shall pay the Consultant the amount due in accordance with the *conditions of contract* identified in the Contract Data. Acceptance of the tenderer's Offer shall form an agreement between the *Employer* and the tenderer upon the terms and conditions contained in this agreement and in the contract that is the subject of this agreement.

The terms of the contract, are contained in:

Part C1	Agreements and Contract Data, (which includes this Form of Offer and Acceptance)
Part C2	Pricing Data
Part C3	Scope of Work

and drawings and documents (or parts thereof), which may be incorporated by reference into the above listed Parts.

Deviations from and amendments to the documents listed in the Tender Data and any addenda thereto listed in the Returnable Schedules as well as any changes to the terms of the Offer agreed by the tenderer and the *Employer* during this process of offer and acceptance, are contained in the Schedule of Deviations attached to and forming part of this Form of Offer and Acceptance. No amendments to or deviations from said documents are valid unless contained in this Schedule.

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

Notwithstanding anything contained herein, this agreement comes into effect on the date when the tenderer receives one fully completed original copy of this document, including the Schedule of Deviations (if any). Unless the tenderer (now *Consultant*) within five working days of the date of such receipt notifies the *Employer* in writing of any reason why he cannot accept the contents of this agreement, this agreement shall constitute a binding contract between the Parties.

For the Employer

Signature .....

Name .....

Capacity .....

Name and address of organization

Signature and Name of Witness

Signature .....

Name .....

Capacity .....

Bidder's Initials

Schedule of Deviations

1 Subject .....

Details .....

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2 Subject .....

Details .....

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3 Subject .....

Details .....

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4 Subject .....

Details .....

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

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

Bidder's Initials

LIMPOPO
PROVINCIAL GOVERNMENT
REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF
PUBLIC WORKS, ROADS & INFRASTRUCTURE

C1.4. FORM OF OFFER AND ACCEPTANCE

Offer

The employer, identified in the acceptance signature block, has solicited offers to enter into a contract in respect of the following works:

APPOINTMENT OF FRAMEWORK CONTRACTOR FOR THE SUPPLY, DELIVERY, INSTALLATION, PREVENTATIVE MAINTENANCE, REPAIRS AND SERVICING OF FIRE PROTECTION SYSTEMS AND EQUIPMENT IN THE LIMPOPO PROVINCE, ACROSS FIVE DISTRICTS FOR A PERIOD OF 36 MONTHS (VHEMBE DISTRICTS)

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

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

THE OFFERED TOTAL OF THE PRICE INCLUSIVE OF VALUE ADDED TAX IS (CONTRACT PRICE)

Rand (in words); R.....

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(in figures) R.....

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

Signature(s) ....

Name(s) ....

Capacity ....

For the tenderer: .....

Name & signature of witness ..... Date .....

Bidder's Initials

C51

Acceptance (To be completed by the employer – not the tenderer)

By signing this part of this Form of Offer and Acceptance, the *Employer* identified below accepts the tenderer's Offer. In consideration thereof, the *Employer* shall pay the Consultant the amount due in accordance with the *conditions of contract* identified in the Contract Data. Acceptance of the tenderer's Offer shall form an agreement between the *Employer* and the tenderer upon the terms and conditions contained in this agreement and in the contract that is the subject of this agreement.

The terms of the contract, are contained in:

Part C1	Agreements and Contract Data, (which includes this Form of Offer and Acceptance)
Part C2	Pricing Data
Part C3	Scope of Work

and drawings and documents (or parts thereof), which may be incorporated by reference into the above listed Parts.

Deviations from and amendments to the documents listed in the Tender Data and any addenda thereto listed in the Returnable Schedules as well as any changes to the terms of the Offer agreed by the tenderer and the *Employer* during this process of offer and acceptance, are contained in the Schedule of Deviations attached to and forming part of this Form of Offer and Acceptance. No amendments to or deviations from said documents are valid unless contained in this Schedule.

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

Notwithstanding anything contained herein, this agreement comes into effect on the date when the tenderer receives one fully completed original copy of this document, including the Schedule of Deviations (if any). Unless the tenderer (now *Consultant*) within five working days of the date of such receipt notifies the *Employer* in writing of any reason why he cannot accept the contents of this agreement, this agreement shall constitute a binding contract between the Parties.

For the Employer

Signature .....

Name .....

Capacity .....

Name and address of organization

Signature and Name of Witness

Signature .....

Name .....

Capacity .....

Bidder's Initials

Schedule of Deviations

1 Subject .....

Details .....

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2 Subject .....

Details .....

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3 Subject .....

Details .....

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4 Subject .....

Details .....

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

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

Bidder's Initials

LIMPOPO
PROVINCIAL GOVERNMENT
REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF
PUBLIC WORKS, ROADS & INFRASTRUCTURE

C1.5. FORM OF OFFER AND ACCEPTANCE

Offer

The employer, identified in the acceptance signature block, has solicited offers to enter into a contract in respect of the following works:

APPOINTMENT OF FRAMEWORK CONTRACTOR FOR THE SUPPLY, DELIVERY, INSTALLATION, PREVENTATIVE MAINTENANCE, REPAIRS AND SERVICING OF FIRE PROTECTION SYSTEMS AND EQUIPMENT IN THE LIMPOPO PROVINCE, ACROSS FIVE DISTRICTS FOR A PERIOD OF 36 MONTHS (WATERBERG DISTRICT)

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

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

THE OFFERED TOTAL OF THE PRICE INCLUSIVE OF VALUE ADDED TAX IS (CONTRACT PRICE)

Rand (in words); R.....

.....

(in figures) R.....

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

Signature(s) ....

Name(s) ....

Capacity ....

For the tenderer: .....

Name & signature of witness ..... Date .....

Bidder's Initials

C54

Acceptance (To be completed by the employer – not the tenderer)

By signing this part of this Form of Offer and Acceptance, the *Employer* identified below accepts the tenderer's Offer. In consideration thereof, the *Employer* shall pay the Consultant the amount due in accordance with the *conditions of contract* identified in the Contract Data. Acceptance of the tenderer's Offer shall form an agreement between the *Employer* and the tenderer upon the terms and conditions contained in this agreement and in the contract that is the subject of this agreement.

The terms of the contract, are contained in:

Part C1	Agreements and Contract Data, (which includes this Form of Offer and Acceptance)
Part C2	Pricing Data
Part C3	Scope of Work

and drawings and documents (or parts thereof), which may be incorporated by reference into the above listed Parts.

Deviations from and amendments to the documents listed in the Tender Data and any addenda thereto listed in the Returnable Schedules as well as any changes to the terms of the Offer agreed by the tenderer and the *Employer* during this process of offer and acceptance, are contained in the Schedule of Deviations attached to and forming part of this Form of Offer and Acceptance. No amendments to or deviations from said documents are valid unless contained in this Schedule.

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

Notwithstanding anything contained herein, this agreement comes into effect on the date when the tenderer receives one fully completed original copy of this document, including the Schedule of Deviations (if any). Unless the tenderer (now *Consultant*) within five working days of the date of such receipt notifies the *Employer* in writing of any reason why he cannot accept the contents of this agreement, this agreement shall constitute a binding contract between the Parties.

For the Employer

Signature .....

Name .....

Capacity .....

Name and address of organization

Signature and Name of Witness

Signature .....

Name .....

Capacity .....

Bidder's Initials

Schedule of Deviations

1 Subject .....

Details .....

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2 Subject .....

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

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

Bidder's Initials

C1.2 CONTRACT DATA

CONTRACT DATA FOR: APPOINTMENT OF FRAMEWORK CONTRACTOR FOR THE SUPPLY, DELIVERY, INSTALLATION, PREVENTATIVE MAINTENANCE, REPAIRS AND SERVICING OF FIRE PROTECTION SYSTEMS AND EQUIPMENT IN THE LIMPOPO PROVINCE, ACROSS FIVE DISTRICTS FOR A PERIOD OF 36 MONTHS	
1.	**CONDITIONS OF CONTRACT** The General Conditions of Contract (GCC) for Procurement of Goods and Services, published by National Department of Treasury is applicable
2.	**CONTRACT SPECIFIC DATA** The GCC contract is applicable in its entirety, with the following amendments:
	Clause 1.22: The name of the Employer is: Limpopo Department of Public Works, Roads and Infrastructure
	Clause 8: Inspection 8.1. All pre-bidding testing will be for the account of the bidder. 8.2. If it is a bid condition that supplies to be produced or services to be rendered should at any stage during production or execution or on completion be subject to inspections tests and analysis, the bidder or contractor's premises shall be open, at all reasonable hours, for inspection by a representative of the employer or an organization acting on behalf of the employer. 8.3. If there are no inspection requirements indicated in the bidding documents and no mention is made in the contract, but during the contract period it is decided that inspections shall be carried out, the employer shall itself make the necessary arrangements, including payment arrangements with the testing authority concerned. 8.4. If the inspections, tests and analyses referred to in clauses 8.2 and 8.3 show the goods to be in accordance with the contract requirements, the cost of the inspections, tests and analyses shall be defrayed by the employer.
	Clause 9: Packaging 9.1. The bidder shall provide such packing of the goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packing, case size and weights shall
	take into consideration, where appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit.
	Clause 10: Delivery Delivery of the goods shall be made by the bidder in accordance with the documents and terms specified in the contract. The details of shipping and/or other documents shall be furnished by the employer during the execution of the contract.
	Clause 11: Insurance The goods supplied under the contract shall be fully insured in a freely convertible currency against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery in the manner specified

Bidder's Initials

Clause 12: Transportation

The bidder is to transport the goods in its entirety. The prices provided should be inclusive of the cost of transportation.

Clause 13: Incidental

13.1. The bidder may be required to provide any or all of the following services, including additional services, if any:
13.1.1. performance or supervision of on-site assembly and/or commissioning of the supplied goods;
13.1.2. furnishing of tools required for assembly and/or maintenance of the supplied goods;
13.1.3. furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied goods;
13.1.4. performance or supervision or maintenance and/or repair of the supplied goods, for a period of time agreed by the parties, provided that this service shall not relieve the supplier of any warranty obligations under this contract; and
13.1.5. training of the purchaser's personnel, at the supplier's plant and/or on-site, in assembly, startup, operation, maintenance, and/or repair of the supplied goods.

13.2. Prices charged by the supplier for incidental services, if not included in the contract price for the goods, shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the supplier for similar services

Clause 14: Spare parts

The bidder may be required to provide any or all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the supplier:

14.1.1. such spare parts as the purchaser may elect to purchase from the supplier, provided that this election shall not relieve the supplier of any warranty obligations under the contract; and;
14.1.2. in the event of termination of production of the spare parts:
14.1.2.1. advance notification to the purchaser of the pending termination, in sufficient time to permit the purchaser to procure needed requirements; and
14.1.2.2. following such termination, furnishing at no cost to the purchaser, the blueprints, drawings, and specifications of the spare parts, if requested

Clause 15: Warranty

15.1 The supplier warrants that the goods supplied under the contract are new, unused, of the most recent or current models, and that they incorporate all recent improvements in design and materials unless provided otherwise in the contract. Where applicable, the goods should be from the OEM or supported therof.

The bidder further warrants that all goods supplied under this contract shall have no defect, arising from design, materials, or workmanship (except when the design and/or material is required by the purchaser's specifications) or from any act or omission of the supplier, that may develop under normal use of the supplied goods in the conditions prevailing in the country of final destination.

15.2. This warranty shall remain valid for twelve (12) months after the goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the contract.

15.3. The employer shall promptly notify the bidder in writing of any claims arising under this warranty.

15.4. Upon receipt of such notice, the bidder shall, within the period and with all reasonable speed, repair or replace the defective goods or parts thereof, without costs to the purchaser.

15.5. If the supplier, having been notified, fails to remedy the defect(s) within the period specified, the purchaser may proceed to take such remedial action as may be necessary, at the supplier's risk and expense and without prejudice to any other rights which the purchaser may have against the supplier under the contract.

Bidder's Initials _____

Clause 16:

16.1 For the supply and delivery of new HVAC. the bidders shall be paid once-off after the delivery and commissioning of the unit(s).

16.2 The invoices for repairs and maintenance shall be accompanied by a completed Job card attached herein. The Job card should be duly signed by the employer's agent.

16.3. Invoices may be submitted weekly. monthly or quarterly. depending on the nature of works conducted. Payments shall be made by the employer ***no later than thirty (30) days*** after submission of an invoice. statement or claim by the bidder.

Clause 17:

Prices charged by the supplier for goods delivered and services performed under the contract shall not vary from the prices quoted by the supplier in his bid. with the exception of any price adjustments authorized or in the purchaser's request for bid validity extension. as the case may be.

No variation orders shall be accepted.

Clause 21: Delays in the bidder's performance

21.1 Delivery of the goods. repairs or maintenance and performance of services shall be made by the supplier in accordance with the time schedule prescribed and agreed with the employer in the contract. Repairs of the HVAC units are expected to be undertaken within reasonable time from the time the call is made by the employer's agent.

21.2. If at any time during performance of the contract. the supplier or its subcontractor(s) should encounter conditions impeding timely delivery of the goods and performance of services. the supplier shall promptly notify the employer in writing of the fact of the delay. its likely duration and its cause(s). As soon as practicable after receipt of the supplier's notice. the employer shall evaluate the situation and may at his discretion extend the supplier's time for performance. with or without the imposition of penalties. in which case the extension shall be ratified by the parties by amendment of contract.

21.3. The right is reserved to procure outside of the contract small quantities or to have minor essential services executed if an emergency arises. the supplier's point of supply is not situated at or near the place where the supplies are required. or the supplier's services are not readily available.

21.4. Except as provided under GCC Clause 25. a delay by the supplier in the performance of its delivery obligations shall render the supplier liable to the imposition of penalties. pursuant to GCC Clause 22. unless an extension of time is agreed upon pursuant to GCC Clause 22 without the application of penalties.

21.5. Upon any delay beyond the delivery period in the case of a supplies contract. the employer shall. without cancelling the contract. be entitled to purchase supplies of a similar quality and up to the same quantity in substitution of the goods not supplied in conformity with the contract and to return any goods delivered later at the supplier's expense and risk. or to cancel the contract and buy such goods as may be
required to complete the contract and without prejudice to his other rights. be entitled to claim damages from the supplier.

Clause 22: Penalties

Subject to GCC Clause 25. if the supplier fails to deliver any or all of the goods or to perform the services within the period(s) specified in the contract. the employer shall. without prejudice to its other remedies

Bidder's Initials _____

	under the contract, deduct from the contract price, as a penalty, a sum calculated on the delivered price of the delayed goods or unperformed services as follows: The penalty per calendar day shall be: 0.05% of the Contract Price, rounded to the nearest R10, for each day of the delay until actual delivery or performance. The employer may also consider termination of the contract pursuant to GCC Clause 23.
	Clause 23: Termination for default The employer is entitled to terminate the contract in term of Clause 23 of GCC contract.
	Clause 26: Termination for insolvency The employer may at any time terminate the contract by giving written notice to the supplier if the supplier becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the supplier, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the purchaser.
	Clause 27: Settlement of disputes 27.1. If any dispute or difference of any kind whatsoever arises between the purchaser and the supplier in connection with or arising out of the contract, the parties shall make every effort to resolve amicably such dispute or difference by mutual consultation. 27.2. If, after thirty (30) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the purchaser or the supplier may give notice to the other party of his intention to commence with mediation. No mediation in respect of this matter may be commenced unless such notice is given to the other party. 27.3. Should it not be possible to settle a dispute by means of mediation, it may be settled in a South African court of law. 27.4. Notwithstanding any reference to mediation and/or court proceedings herein, 27.4.1. the parties shall continue to perform their respective obligations under the contract unless they otherwise agree; and 27.4.2. the employer shall pay the supplier any monies due for goods delivered and / or services rendered according to the prescripts of the contract.
	Clause 29 The contract and communication be written in English. All correspondence and other documents pertaining to the contract that is exchanged by the parties shall also be written in English.
	Clause 30: Applicable law The contract shall be interpreted in accordance with South African laws
	Clause 34: Amendments of the Contract No agreement to amend or vary a contract or order or the conditions, stipulations or provisions thereof shall be valid and of any force unless such agreement to amend or vary is entered into in writing and signed by the contracting parties. Any waiver of the requirement that the agreement to amend or vary shall be in writing, shall also be in writing.

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C1.3 JOINT VENTURE AGREEMENT

TO BE COMPLETED ONLY IF TENDER IS SUBMITTED IN A JOINT VENTURE OR CONSORTIUM

GENERAL

a) All the information requested must be filled in the spaces provided. If additional space is required, additional sheets may be used and attached to the original documents.
b) A copy of the joint venture agreement must be attached to this form, in order to demonstrate the Affirmable, Joint Venture Partner's share in the ownership, control, management responsibilities, risks and profits of the joint venture, the proposed joint venture agreement must include specific details relating to:
   i. the contributions of capital and equipment
   ii. work items to be performed by the Affirmable Joint Venture Partner's own forces
   iii. work items to be performed under the supervision of the Affirmable Joint Venture Partner.
c) Copies of all written agreements between joint venture partners concerning the contract must be attached to this form including those, which relate to ownership options and to restrictions/limits regarding ownership and control.
d) Affirmable Business Enterprise (ABE) partners must complete ABE Declaration Affidavits.
e) The joint venture must be formalised. All pages of the joint venture agreement must be signed by all the parties concerned. A letter/ notice of intention to formalise a joint venture once the contract has been awarded will not be considered.
f) Should any of the above not be complied with, the joint venture tenderer will be deemed null and void and will be considered non-responsive.

1. JOINT VENTURE PARTICULARS

a) Name .....

b) Postal address.....

.....

c) Physical address .....

.....

d) Telephone .....

e) Fax .....

2. IDENTITY OF EACH NON-AFFIRMABLE JOINT VENTURE PARTNER

2.1. Name of Firm .....

Postal Address .....

Physical Address .....

Telephone .....

Fax .....

Contact person for matters pertaining to Joint Venture Participation Goal requirements.....

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2.2. Name of Firm .....

Postal Address .....

Physical Address .....

Telephone .....

Fax .....

Contact person for matters pertaining to Joint Venture Participation Goal requirements.....

3. IDENTITY OF EACH AFFIRMABLE JOINT VENTURE PARTNER

3.1. Name of Firm .....

Postal Address .....

Physical Address .....

Telephone .....

Fax .....

Contact person for matters pertaining to Joint Venture Participation Goal requirements.....

3.2. Name of Firm .....

Postal Address .....

Physical Address .....

Telephone .....

Fax .....

Contact person for matters pertaining to Joint Venture Participation Goal requirements.....

4. BRIEF DESCRIPTION OF THE ROLES OF THE AFFIRMABLE JOINT VENTURE PARTNERS IN THE JOINT VENTURE

.....

.....

.....

5. OWNERSHIP OF THE JOINT VENTURE

a) Affirmable Joint Venture Partner ownership percentage(s) ..... %

b) Non-Affirmable Joint Venture Partner ownership percentage(s)..... %

c) Affirmable Joint Venture Partner percentages in respect of: *

(i) Profit and loss sharing.....

(ii) Initial capital contribution in Rands.....

.....

.....

(*Brief descriptions and further particulars should be provided to clarify percentages).

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(iii) Anticipated on-going capital contributions in Rands .....

.....

.....

(iv) Contributions of equipment (specify types, quality, and quantities of equipment) to be provided by each partner.

.....

.....

.....

6. RECENT CONTRACTS EXECUTED BY PARTNERS IN THEIR OWN RIGHT AS PRIME CONTRACTORS OR AS PARTNERS IN OTHER JOINT VENTURES

No.	Joint Venture Partner	PARTNER NAME
1.		
2.		
3.		
4.		
5.		
6.		
7.		

7. CONTROL AND PARTICIPATION IN THE JOINT VENTURE

(Identify by name and firm those individuals who are, or will be, responsible for, and have authority to engage in the relevant management functions and policy and decision making, indicating any limitations in their authority e.g. co-signature requirements and Rand limits).

(a) Joint Venture payment approvals

.....

.....

.....

(b) Authority to enter into contracts on behalf of the Joint Venture

.....

.....

.....

(c) Signing, co-signing and/or collateralising of loans

.....

.....

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.....

(d) Acquisition of lines of credit

.....

.....

.....

(e) Acquisition of performance guarantees

.....

.....

.....

(f) Negotiating and signing labour agreements

.....

.....

.....

8. MANAGEMENT OF CONTRACT PERFORMANCE

(Fill in the name and firm of the responsible person).

(a) Supervision of field operations

.....

(b) Major purchasing

.....

(c) Estimating

.....

(d) Technical management

.....

9. MANAGEMENT AND CONTROL OF JOINT VENTURE

(a) Identify the "managing partner", if any,

.....

.....

.....

(b) What authority does each partner have to commit or obligate the other to financial institutions, insurance companies, suppliers, subcontractors and/or other parties participating in the execution of the contemplated works?

.....

.....

.....

(c) Describe the management structure for the Joint Venture's work under the Contract

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MANAGEMENT FUNCTION / DESIGNATION	NAME	PARTNER

* Fill in "ex Affirmable Joint Venture Partner" or "ex non-Affirmable Joint Venture Partner".

10. PERSONNEL

(a) State the approximate number of operative personnel (by trade/function/discipline) needed to perform the Joint Venture work under the Contract.

TRADE/FUNCTION/ DISCIPLINE	NUMBER EX AFFIRMABLE JOINT VENTURE PARTNERS	NUMBER EX NON-AFFIRMABLE JOINT VENTURE PARTNERS

(Fill in "ex Affirmable Joint Venture Partner" or "ex non-Affirmable Joint Venture Partner").

(b) Number of operative personnel to be employed on the Contract who are currently in the employ of partners.

(i) Number currently employed by Affirmable Joint Venture Partners

.....

(ii) Number currently employed by the Joint Venture

.....

(c) Number of operative personnel who are not currently in the employ of the respective partner and will be engaged on the project by the Joint Venture

.....

(d) Name of individual(s) who will be responsible for hiring Joint Venture employees

.....

.....

(e) Name of partner who will be responsible for the preparation of Joint Venture payrolls

.....

.....

Bidder's Initials

11. CONTROL AND STRUCTURE OF THE JOINT VENTURE

Briefly describe the manner in which the Joint Venture is structured and controlled.

.....

.....

.....

The undersigned warrants that he/she is duly authorised to sign this Joint Venture Disclosure Form and affirms that the foregoing statements are true and correct and include all material information necessary to identify and explain the terms and operations of the Joint Venture and the intended participation of each partner in the undertaking.

The undersigned further covenants and agrees to provide the Employer with complete and accurate information regarding actual Joint Venture work and the payment therefore, and any proposed changes in any provisions of the Joint Venture agreement, and to permit the audit and examination of the books, records and files of the Joint Venture, or those of each partner relevant to the Joint Venture, by duly authorised representatives of the Employer.

Signature .....

Duly authorised to sign on behalf of.....

Name .....

Address .....

Telephone .....

Date .....

Signature .....

Duly authorised to sign on behalf of.....

Name .....

Address .....

Telephone .....

Date .....

Signature .....

Duly authorised to sign on behalf of.....

Name .....

Address .....

Telephone .....

Date .....

Signature .....

Duly authorised to sign on behalf of.....

Name .....

Address .....

Telephone .....

Date .....

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PART C2: PRICING DATA

Bidder's Initials

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DEPARTMENT OF
PUBLIC WORKS, ROADS & INFRASTRUCTURE

C2.1 PRICING INSTRUCTION

- The bidder is required to provide rates in the Bills of Quantities in C2.1.

- The rates provided will be used as contract rates during the execution of the contract with the successful bidder. The rates and the financial offer provided are by no means a contracted amount or guarantee of quantum of work.

- The bidder must fill and carry to form of the district they are bidding for.

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C2.2.1: BILLS OF QUANTITIES FOR CAPRICORN DISTRICT

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SCHEDULE 1: RATES FOR MAINTANANCE OF FIRE SYSTEM

1 These are the rates for servicing fire detection system

2 For pricing purposes

a. Prices for servicing include marking of the equipment and compiling of inventory.

b. Prices for servicing include servicing as stipulated in Part C3.1, labour, transport, consumables, minor and incidental repairs and all other overheads.

c. Prices for servicing include decommissioning and disposal of a damaged unit.

d. All equipment listed below form part of this contract and shall be serviced, maintained and repaired.

ITEM	Description	Capacity Range (Kg)	Preventative/minor service	Corrective/Major service	Total
1	Fire Alarm control panel				
2	Alarm initiating devices				
3	Sprinkler system nozzle				
4	Fire hydrant				
5	fire control panel Backup power supply				
6	DCP Extinguisher	1,5			
7		2,5			
8		4,5			
9		9			
10	Co2 Extinguisher	2			
11		3,5			
12		4,5			
13		5			
14	DCP under ceiling automatic fire extinguisher	4,5			
15	DCP under ceiling automatic fire extinguisher	9			
16	**Training of LDPWRI staff (CDP rated fire maintenance course)**				
	TOTAL CARRIED TO SUMMARY				

Bidder's Initials

SCHEDULE 2: RATES FOR SUPPLY OF NEW REPLACEMENT PARTS

1 These are the rates for the supply of replacement parts.

2 For pricing purposes

a. The price of each item must be an all-inclusive unit price per item.

ITEM	Description	Capacity Range (Kg)	Qty	Rate	Total
1	DCP Extinguisher	1,5	1		
2		2,5	1		
3		4,5	1		
4		9	1		
5	Co2 Extinguisher	2	1		
6		3,5	1		
7		4,5	1		
8		5	1		
9	DCP under ceiling automatic fire extinguisher	4,5	1		
10	DCP under ceiling automatic fire extinguisher	9	1		
11	Fire alarm control panel (FACP)		1		
12	Alarm initiating devices		1		
13	break glass Sprinkler system nozzle		1		
14	Backup power supply		1		
15	Heat detector		1		
16	Co2 Detectors		1		
17	Flame detectors		1		
18	Photoelectric, Ionization, and in-duct smoke detectors		1		
19	Bells		1		
20	Fire extinguisher Horns		1		
21	10kg Co2 fire extinguisher trolley (carbon steel with two rubber wheels		1		
22	25kg DCP trolley extinguisher		1		
23	Fibre glass box for 5 kg Co2		1		
24	Fibre glass box for 9 kg DCP		1		
25	Super sound alarm horn and canister 60 g		1		
26	Super sound alarm horn and canister 120 g		1		
27	Super sound alarm complete		1		
28	Super sound alarm box only		1		
29	Fire hose reel complete (mild steel)		1		
30	Jockey pump		1		
31	Fire sprinkler system (indicate type)		1		
32	Fire sprinkler detector		1		
33	Sprinkler system control panel(indicate type)		1		
34	Manual call points		1		

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35	30m standard fire hose reel, complete with CP-valve, brackets & 190mm x 380mm PVC signage & FHR PVC cover, including valve and union and line pressure gauge with gauge cock		1		
36	Hose reel frame (mild steel)		1		
37	Fire hose reel hose 0.5m/s at 300kPa		1		
38	Fire hose reel nozzles		1		
39	Fire hose reel stainless steel complete		1		
40	Fire hose reel stainless steel frame only		1		
41	CP valve, Chromium plated stop cock with 25 mm BSP inlet and out		1		
42	Draw shackle of fire hose reel, mild stell nickel plated shackle with PVC run out guide		1		
43	80 mm Fire hydrant valve. 80mm x 65mm brass right angle hand wheel hydrant with single lug instantaneous outlet and 80 mm male. BSP inlet (pressure: 16 bar, weight:4.40 kg)		1		
44	Hydrant control nozzles		1		
45	Hose diameter 65 mm, length= 30 m, Material PVC, Working pressure= 13 Bar, Burst pressure = 39 Bar, Packing weight 12.10 Kg. Package Kg. Package30 size(mm) 500 x 20 x 130, Red in colour, nomenclating, light weight, all synthetic, durable fire hose. Operating pressure range: 20 to 60 Deg. C		1		
46	Plastic hose cabinet for 2 x 30m hoses, Fire cabinet is made from LLDPE for ade from LLDilitv strength and durability. opening cabinet, door slide, with no hinges, glide, without asil Inspection done easily through the Polycarbonate viewing panel, Lockable with break glass with spare key, 790mm x 420mm x 300mm (LX W XH)		1		
47	Lay flats with fire resistance cover (Complete set with light alloy couplings, Hose diameter 65 mm, length= 30 m, Material PVC,13 Working pressure= 13 Bar. Burst pressure = 39 Bar, Packing weight 12.10 Bar, Kg, Package Packing sam size(mm) 500 x 20 x 130, Red in colour, non-percolating. lightweight, all synthetic, durable fire hose. Operating pressure range: 20to 60 en C		1		
48	80 mm hot dip galvanized socket for fire hydrant		1		
49	Fire hydrant stand, OD =80 mm, thickness = 5mm L= 1.5 m With standard eight holes flange, and, material = hot dip galvanizes steel, primed and red painted		1		

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50	Fire hydrant stand, OD = 80 mm, thickness = 5mm, L= 1,5 m With standard With standard four holes flange, material = hot dip galvanizes steel, primed and red painted;		1		
51	Hydrant lip washer		1		
52	Chromium plated hand wheel of fire with hydrant open head inscribed		1		
53	80 mm Fire Hydrant valves, 80 mm x 65 mm brass right angle hand wheel hydrant wheel hydrant with single lug instantaneous outlet and 80 mm male. BSP inlet. Pressure: 16 Bar, Weight: 4.40 Kg		1		
54	Fire hose reel stainless steel stand 2 metre from the ground		1		
55	Class-B, 60-min fire door, single leafed, including ID-tags, installation, self-door closure & push-bar		1		
56	Class-B, 60-min fire door, double leafed, including ID-tags, installation, self-door closure & push-bar		1		
57	Diesel driven pump: 2400 lpm @ 700 kPa		1		
58	Fuel supply tank (shall have a capacity at least equal to 1 gal per hp (5.07l per kw), plus 5 % volume fo expansion and 5% volume for sump		1		
59	Electrical, 3-phase fire jockey pump: 60 lpm @ 650kPa		1		
60	150 000 Liter, cylindric galvanised steel tanks, with overflow, drain, vortex inhibitors, level indicators and internal / external ladders (non ASIB - to comply with SANS10400-T&W)		1		
61	88 000 Liter, cylindric galvanised steel tanks, with overflow, drain, vortex inhibitors, level indicators and internal / external ladders (non ASIB - to comply with SANS10400-T&W)		1		
62	27 000 Liter, cylindric galvanised steel tanks, with overflow, drain, vortex inhibitors, level indicators and internal / external ladders (non ASIB - to comply with SANS10400-T&W)		1		
63	SAFETY: 190mm x 380mm, PVC sign, E1/2, 		1		

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64	SAFETY: 190mm x 380mm, PVC sign, E3, 		1		
65	SAFETY: 190mm x 570mm, PVC sign, E16, 		1		
66	SAFETY: 190mm x 570mm, PVC sign, E17 		1		
67	SYMBOLIC: 190mm x 570mm, PVC sign, F4, 		1		
68	SYMBOLIC: 190mm x 380mm, PVC sign, F13 		1		
	TOTAL CARRIED TO SUMMARY				

Bidder's Initials

SCHEDULE 3: RATES FOR LABOUR AND TRANSPORT

1 The rates for transport must include the cost of labour during travelling time, all overheads, fuel costs, etc.

ITEM	Description	UNIT	QUANTITY	AMOUNT
1	**TRANSPORT**			
1,1	1.6 SEDAN	Rate/km	1	
1,2	1 TON LDV	Rate/km	1	
1,3	5 TON LDV	Rate/km	1	
2	**LABOUR**			
2,1	Artisan/Technician	Rate/hour	1	
2,2	Apprentice	Rate/hour	1	
2,3	Labourer	Rate/hour	1	
	TOTAL CARRIED TO SUMMARY			

SCHEDULE 4: RATES FOR SUPPLY OF NEW PIPES AND FITTINGS

1 These are the rates for the supply and installation of new parts.

2 For pricing purposes

a. The price of each item must be an all-inclusive unit price per item.

ITEM	DESCRIPTIONS	UNIT	QUANTITY	RATE	TOTAL
	Pipes are counted in the rest in quantities.				
1	**Galvanised steel 90° elbow**				
1,1	Ø25	No.	1		
1,2	Ø50	No.	1		
1,3	Ø80	No.	1		
2	**WBS elbow SCH 40-90°**				
2,1	Ø150	No.	1		
2,2	Ø100	No.	1		
2,3	Ø80	No.	1		
3	**WBS elbow SCH 40-45°**				
3,1	Ø150	No.	1		
4	**Concentric reduction WBS SCH 40**				
4,1	Ø150 x 100	No.	1		
4,2	Ø150 x 80	No.	1		
4,3	Ø100 x 80	No.	1		
5	**Steel gate valve (flanged)**				

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5,1	Ø150	No.	1		
5,2	Ø100	No.	1		
5,3	Ø80	No.	1		
6	**Flanges Black steel, welded joint:**				
6,1	**Welding Neck 150 pounds**				
6.1.1	Ø150	No.	1		
6.1.2	Ø100	No.	1		
6,2	**Blind flange**				
6.2.1	Ø150	No.	1		
6.2.2	Ø100	No.	1		
6.2.3	Ø80	No.	1		
6,3	**Socket Welding**				
6.3.1	Ø150	No.	1		
6.3.2	Ø100	No.	1		
6.3.3	Ø80	No.	1		
6,4	**Flat gasket for flange, made of polyethylene**				
6.4.1	Ø150	No.	1		
6.4.2	Ø100	No.	1		
6.4.3	Ø80	No.	1		
7	**Flanged filter with cast iron body**				
7,1	Ø150	No.	1		
7,2	Ø100	No.	1		
7,3	Ø80		1		
8	**Water meter with totaliser, made of PVC, flanged ends.**	No.			
8,1	Ø100	No.	1		
8,2	Ø80	No.	1		
9	**WBS Tee galvanised steel/cast iron**	No.			
9,1	Ø150	No.	1		
9,2	Ø100	No.	1		
10	**Reduced eccentric WBS SCH 40**				
10,1	Ø100 x 80	No.	1		
11	**Floating valve for cistern, HoFo body, with steel rod, copper float, maximum pressure 7 KGF/cm^2, flanged ends.**				
		No.			

Bidder's Initials

11,1	Ø100	No.	1		
11,2	Ø80	No.	1		
12	**Swing check valve, ends for flange connection, PN-10, cast iron body.**	No.			
12,1	Ø150	No.	1		
12,2	Ø100	No.	1		
12,3	Ø80	No.	1		
13	**Anti-vibration flanged gasket**	No.			
13,1	Ø150	No.	1		
13,2	Ø80	No.	1		
14	**Anti-vortex plate**				
14,1	Suction pipe diameter Ø150 , Minimum dimension of vortex inhibitor 0.60 m	No.	1		
14,2	Suction pipe diameter Ø100 Minimum dimension of vortex inhibitor 0.40 m	No.	1		
15	**Flow meter with pressure gauge and flanged connection**				
15,1	Ø150	No.	1		
16	**Pressure gauge connected to the pipe by means of a sleeve or welded connection to measure water and air pressure in sprinkler systems. Working pressure: 300 psi (water) and 80 to 250 psi (air)**	No.	1		
		No.			
17	**Booster connection, Hydrant**	No.			
17,1	Twin booster connection, with pressure gauge Ø80	No.	1		
		No.			
18	**304 stainless steel clamp**	No.			
18,1	Ø150	No.	1		
18,2	Ø100	No.	1		
18,3	Ø80	No.	1		
19	**Galvanised steel pipes**				
		m			
19,1	Galvanised steel pipe 25mm	m	1		
19,2	Galvanised steel pipe 50mm	m	1		
19,3	Galvanised steel pipe 60mm	m	1		

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19,4	Galvanised steel pipe 80mm	m	1		
19,5	enamel red coating, painting include painting	ltr	1		
19,6	Galvanised steel pipe threading	m	1		
	Total carried to summary				

SCHEDULE 5: RATES FOR PROFESSIONAL SERVICES

a) All prices are inclusive of all the stages of project implementation

	Description	UNIT	QTY	RATE	TOTAL
1	ECSA registered fire engineer consultation (from stage 1 to stage 6 as described in government gazette)	Rate/hour	1		
2	Testing and commissioning process including fire department registration and initiation requirements	Sum	1		
	Total Carried to summary				

SUMMARY OF SCHEDULE QUANTITIES

ITEM	DESCRIPTION	TOTAL
1	SCHEDULE 1: RATES FOR MAINTENANCE OF FIRE SYSTEM	
2	SCHEDULE 2: RATES FOR SUPPLY OF NEW REPLACEMENT PARTS	
3	SCHEDULE 3: RATES FOR LABOUR AND TRANSPORT	
4	SCHEDULE 4: RATES FOR INSTALLATION OF PIPES AND FTTINGS	
5	SCHEDULE 5: RATES FOR PROFESSIONAL SERVICES	
4	**SUB-TOTAL**	
5	**VAT**	
6	**TOTAL (CARRIED TO FORM OF OFFER C1.1)**	

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C2.2.2: BILLS OF QUANTITIES MOPANI DISTRICT

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SCHEDULE 1: RATES FOR MAINTANANCE OF FIRE SYSTEM

1 These are the rates for servicing fire detection system

2 For pricing purposes

a. Prices for servicing include marking of the equipment and compiling of inventory.

b. Prices for servicing include servicing as stipulated in Part C3.1, labour, transport, consumables, minor and incidental repairs and all other overheads.

c. Prices for servicing include decommissioning and disposal of a damaged unit.

d. All equipment listed below form part of this contract and shall be serviced, maintained and repaired.

ITEM	Description	Capacity Range (Kg)	Preventative/minor service	Corrective/Major service	Total
1	Fire Alarm control panel				
2	Alarm initiating devices				
3	Sprinkler system nozzle				
4	Fire hydrant				
5	fire control panel Backup power supply				
6	DCP Extinguisher	1,5			
7		2,5			
8		4,5			
9		9			
10	Co2 Extinguisher	2			
11		3,5			
12		4,5			
13		5			
14	DCP under ceiling automatic fire extinguisher	4,5			
15	DCP under ceiling automatic fire extinguisher	9			
16	**Training of LDPWRI staff (CDP rated fire maintenance course)**				
	TOTAL CARRIED TO SUMMARY				

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SCHEDULE 2: RATES FOR SUPPLY OF NEW REPLACEMENT PARTS

1 These are the rates for the supply of replacement parts.

2 For pricing purposes

a. The price of each item must be an all-inclusive unit price per item.

ITEM	Description	Capacity Range (Kg)	Qty	Rate	Total
1	DCP Extinguisher	1,5	1		
2		2,5	1		
3		4,5	1		
4		9	1		
5	Co2 Extinguisher	2	1		
6		3,5	1		
7		4,5	1		
8		5	1		
9	DCP under ceiling automatic fire extinguisher	4,5	1		
10	DCP under ceiling automatic fire extinguisher	9	1		
11	Fire alarm control panel (FACP)		1		
12	Alarm initiating devices		1		
13	break glass Sprinkler system nozzle		1		
14	Backup power supply		1		
15	Heat detector		1		
16	Co2 Detectors		1		
17	Flame detectors		1		
18	Photoelectric, Ionization, and in-duct smoke detectors		1		
19	Bells		1		
20	Fire extinguisher Horns		1		
21	10kg Co2 fire extinguisher trolley (carbon steel with two rubber wheels		1		
22	25kg DCP trolley extinguisher		1		
23	Fibre glass box for 5 kg Co2		1		
24	Fibre glass box for 9 kg DCP		1		
25	Super sound alarm horn and canister 60 g		1		
26	Super sound alarm horn and canister 120 g		1		
27	Super sound alarm complete		1		
28	Super sound alarm box only		1		
29	Fire hose reel complete (mild steel)		1		
30	Jockey pump		1		
31	Fire sprinkler system (indicate type)		1		

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32	Fire sprinkler detector		1		
33	Sprinkler system control panel(indicate type)		1		
34	Manual call points		1		
35	30m standard fire hose reel, complete with CP-valve, brackets & 190mm x 380mm PVC signage & FHR PVC cover, including valve and union and line pressure gauge with gauge cock		1		
36	Hose reel frame (mild steel)		1		
37	Fire hose reel hose 0.5m/s at 300kPa		1		
38	Fire hose reel nozzles		1		
39	Fire hose reel stainless steel complete		1		
40	Fire hose reel stainless steel frame only		1		
41	CP valve, Chromium plated stop cock with 25 mm BSP inlet and out		1		
42	Draw shackle of fire hose reel, mild stell nickel plated shackle with PVC run out guide		1		
43	80 mm Fire hydrant valve. 80mm x 65mm brass right angle hand wheel hydrant with single lug instantaneous outlet and 80 mm male. BSP inlet (pressure: 16 bar, weight:4.40 kg)		1		
44	Hydrant control nozzles		1		
45	Hose diameter 65 mm, length= 30 m, Material PVC, Working pressure= 13 Bar, Burst pressure = 39 Bar, Packing weight 12.10 Kg. Package Kg. Package30 size(mm) 500 x 20 x 130, Red in colour, nomenclating, light weight, all synthetic, durable fire hose. Operating pressure range: 20 to 60 Deg. C		1		
46	Plastic hose cabinet for 2 x 30m hoses, Fire cabinet is made from LLDPE for ade from LLDilitv strength and durability. opening cabinet, door slide, with no hinges, glide, without asil Inspection done easily through the Polycarbonate viewing panel, Lockable with break glass with spare key, 790mm x 420mm x 300mm (LX W XH)		1		
47	Lay flats with fire resistance cover (Complete set with light alloy couplings, Hose diameter 65 mm, length= 30 m, Material PVC,13 Working pressure= 13 Bar. Burst pressure = 39 Bar, Packing weight 12.10 Bar, Kg, Package Packing sam size(mm) 500 x 20 x 130, Red in colour, non-percolating. lightweight, all synthetic, durable fire hose. Operating pressure range: 20to 60 en C		1		
48	80 mm hot dip galvanized socket for fire hydrant		1		

Bidder's Initials

49	Fire hydrant stand, OD =80 mm, thickness = 5mm L= 1.5 m With standard eight holes flange, and, material = hot dip galvanizes steel, primed and red painted		1		
50	Fire hydrant stand, OD = 80 mm, thickness = 5mm, L= 1,5 m With standard With standard four holes flange, material = hot dip galvanizes steel, primed and red painted;		1		
51	Hydrant lip washer		1		
52	Chromium plated hand wheel of fire with hydrant open head inscribed		1		
53	80 mm Fire Hydrant valves, 80 mm x 65 mm brass right angle hand wheel hydrant wheel hydrant with single lug instantaneous outlet and 80 mm male. BSP inlet. Pressure: 16 Bar, Weight: 4.40 Kg		1		
54	Fire hose reel stainless steel stand 2 metre from the ground		1		
55	Class-B, 60-min fire door, single leafed, including ID-tags, installation, self-door closure & push-bar		1		
56	Class-B, 60-min fire door, double leafed, including ID-tags, installation, self-door closure & push-bar		1		
57	Diesel driven pump: 2400 lpm @ 700 kPa		1		
58	Fuel supply tank (shall have a capacity at least equal to 1 gal per hp (5.07l per kw), plus 5 % volume fo expansion and 5% volume for sump		1		
59	Electrical, 3-phase fire jockey pump: 60 lpm @ 650kPa		1		
60	150 000 Liter, cylindric galvanised steel tanks, with overflow, drain, vortex inhibitors, level indicators and internal / external ladders (non ASIB - to comply with SANS10400-T&W)		1		
61	88 000 Liter, cylindric galvanised steel tanks, with overflow, drain, vortex inhibitors, level indicators and internal / external ladders (non ASIB - to comply with SANS10400-T&W)		1		
62	27 000 Liter, cylindric galvanised steel tanks, with overflow, drain, vortex inhibitors, level indicators and internal / external ladders (non ASIB - to comply with SANS10400-T&W)		1		
63	SAFETY: 190mm x 380mm, PVC sign, E1/2, 		1		

Bidder's Initials

64	SAFETY: 190mm x 380mm, PVC sign, E3, 		1		
65	SAFETY: 190mm x 570mm, PVC sign, E16, 		1		
66	SAFETY: 190mm x 570mm, PVC sign, E17 		1		
67	SYMBOLIC: 190mm x 570mm, PVC sign, F4, 		1		
68	SYMBOLIC: 190mm x 380mm, PVC sign, F13 		1		
	TOTAL CARRIED TO SUMMARY				

SCHEDULE 3: RATES FOR LABOUR AND TRANSPORT

1 The rates for transport must include the cost of labour during travelling time, all overheads, fuel costs, etc.

ITEM	Description	UNIT	QUANTITY	AMOUNT
1	**TRANSPORT**			
1,1	1.6 SEDAN	Rate/km	1	
1,2	1 TON LDV	Rate/km	1	
1,3	5 TON LDV	Rate/km	1	
2	**LABOUR**			

Bidder's Initials

2,1	Artisan/Technician	Rate/hour	1	
2,2	Apprentice	Rate/hour	1	
2,3	Labourer	Rate/hour	1	
	TOTAL CARRIED TO SUMMARY			

SCHEDULE 4: RATES FOR SUPPLY OF NEW PIPES AND FITTINGS

1 These are the rates for the supply and installation of new parts.

2 For pricing purposes

a. The price of each item must be an all-inclusive unit price per item.

ITEM	DESCRIPTIONS	UNIT	QUANTITY	RATE	TOTAL
	Pipes are counted in the rest in quantities.				
1	**Galvanised steel 90° elbow**				
1,1	Ø25	No.	1		
1,2	Ø50	No.	1		
1,3	Ø80	No.	1		
2	**WBS elbow SCH 40-90°**				
2,1	Ø150	No.	1		
2,2	Ø100	No.	1		
2,3	Ø80	No.	1		
3	**WBS elbow SCH 40-45°**				
3,1	Ø150	No.	1		
4	**Concentric reduction WBS SCH 40**				
4,1	Ø150 x 100	No.	1		
4,2	Ø150 x 80	No.	1		
4,3	Ø100 x 80	No.	1		
5	**Steel gate valve (flanged)**				
5,1	Ø150	No.	1		
5,2	Ø100	No.	1		
5,3	Ø80	No.	1		
6	**Flanges Black steel, welded joint:**				
6,1	**Welding Neck 150 pounds**				
6.1.1	Ø150	No.	1		
6.1.2	Ø100	No.	1		
6,2	**Blind flange**				
6.2.1	Ø150	No.	1		
6.2.2	Ø100	No.	1		

Bidder's Initials

6.2.3	Ø80	No.	1		
6,3	**Socket Welding**				
6.3.1	Ø150	No.	1		
6.3.2	Ø100	No.	1		
6.3.3	Ø80	No.	1		
6,4	**Flat gasket for flange, made of polyethylene**				
6.4.1	Ø150	No.	1		
6.4.2	Ø100	No.	1		
6.4.3	Ø80	No.	1		
7	**Flanged filter with cast iron body**				
7,1	Ø150	No.	1		
7,2	Ø100	No.	1		
7,3	Ø80		1		
8	**Water meter with totaliser, made of PVC, flanged ends.**	No.			
8,1	Ø100	No.	1		
8,2	Ø80	No.	1		
9	**WBS Tee galvanised steel/cast iron**	No.			
9,1	Ø150	No.	1		
9,2	Ø100	No.	1		
10	**Reduced eccentric WBS SCH 40**				
10,1	Ø100 x 80	No.	1		
11	**Floating valve for cistern, HoFo body, with steel rod, copper float, maximum pressure 7 KGF/cm^2, flanged ends.**				
		No.			
11,1	Ø100	No.	1		
11,2	Ø80	No.	1		
12	**Swing check valve, ends for flange connection, PN-10, cast iron body.**	No.			
12,1	Ø150	No.	1		
12,2	Ø100	No.	1		
12,3	Ø80	No.	1		
13	**Anti-vibration flanged gasket**	No.			
13,1	Ø150	No.	1		

Bidder's Initials

13,2	Ø80	No.	1		
14	**Anti-vortex plate**				
14,1	Suction pipe diameter Ø150 , Minimum dimension of vortex inhibitor 0.60 m	No.	1		
14,2	Suction pipe diameter Ø100 Minimum dimension of vortex inhibitor 0.40 m	No.	1		
15	**Flow meter with pressure gauge and flanged connection**				
15,1	Ø150	No.	1		
16	**Pressure gauge connected to the pipe by means of a sleeve or welded connection to measure water and air pressure in sprinkler systems. Working pressure: 300 psi (water) and 80 to 250 psi (air)**	No.	1		
		No.			
17	**Booster connection, Hydrant**	No.			
17,1	Twin booster connection, with pressure gauge Ø80	No.	1		
		No.			
18	**304 stainless steel clamp**	No.			
18,1	Ø150	No.	1		
18,2	Ø100	No.	1		
18,3	Ø80	No.	1		
19	**Galvanised steel pipes**				
		m			
19,1	Galvanised steel pipe 25mm	m	1		
19,2	Galvanised steel pipe 50mm	m	1		
19,3	Galvanised steel pipe 60mm	m	1		
19,4	Galvanised steel pipe 80mm	m	1		
19,5	enamel red coating, painting include painting	ltr	1		
19,6	Galvanised steel pipe threading	m	1		
Total carried to summary					

Bidder's Initials

SCHEDULE 5: RATES FOR PROFESSIONAL SERVICES

a) All prices are inclusive of all the stages of project implementation

	Description	UNIT	QTY	RATE	TOTAL
1	ECSA registered fire engineer consultation (from stage 1 to stage 6 as described in government gazette)	Rate/hour	1		
2	Testing and commissioning process including fire department registration and initiation requirements	Sum	1		
	Total Carried to summary				

SUMMARY OF SCHEDULE QUANTITIES

ITEM	DESCRIPTION	TOTAL
1	SCHEDULE 1: RATES FOR MAINTENANCE OF FIRE SYSTEM	
2	SCHEDULE 2: RATES FOR SUPPLY OF NEW REPLACEMENT PARTS	
3	SCHEDULE 3: RATES FOR LABOUR AND TRANSPORT	
4	SCHEDULE 4: RATES FOR INSTALLATION OF PIPES AND FTTINGS	
5	SCHEDULE 5: RATES FOR PROFESSIONAL SERVICES	
4	**SUB-TOTAL**	
5	**VAT**	
6	**TOTAL (CARRIED TO FORM OF OFFER C1.2)**	

Bidder's Initials

LIMPOPO
PROVINCIAL GOVERNMENT
REPUBLIC OF SOUTH AFRICA
DEPARTMENT OF
PUBLIC WORKS, ROADS & INFRASTRUCTURE

C2.2.3: BILLS OF QUANTITIES SEKHUKHUNE DISTRICT

Bidder's Initials

SCHEDULE 1: RATES FOR MAINTANANCE OF FIRE SYSTEM

1 These are the rates for servicing fire detection system

2 For pricing purposes

a. Prices for servicing include marking of the equipment and compiling of inventory.

b. Prices for servicing include servicing as stipulated in Part C3.1, labour, transport, consumables, minor and incidental repairs and all other overheads.

c. Prices for servicing include decommissioning and disposal of a damaged unit.

d. All equipment listed below form part of this contract and shall be serviced, maintained and repaired.

ITEM	Description	Capacity Range (Kg)	Preventative/minor service	Corrective/Major service	Total
1	Fire Alarm control panel				
2	Alarm initiating devices				
3	Sprinkler system nozzle				
4	Fire hydrant				
5	fire control panel Backup power supply				
6	DCP Extinguisher	1,5			
7		2,5			
8		4,5			
9		9			
10	Co2 Extinguisher	2			
11		3,5			
12		4,5			
13		5			
14	DCP under ceiling automatic fire extinguisher	4,5			
15	DCP under ceiling automatic fire extinguisher	9			
16	**Training of LDPWRI staff (CDP rated fire maintenance course)**				
	TOTAL CARRIED TO SUMMARY				

Bidder's Initials

SCHEDULE 2: RATES FOR SUPPLY OF NEW REPLACEMENT PARTS

1 These are the rates for the supply of replacement parts.

2 For pricing purposes

a. The price of each item must be an all-inclusive unit price per item.

ITEM	Description	Capacity Range (Kg)	Qty	Rate	Total
1	DCP Extinguisher	1,5	1		
2		2,5	1		
3		4,5	1		
4		9	1		
5	Co2 Extinguisher	2	1		
6		3,5	1		
7		4,5	1		
8		5	1		
9	DCP under ceiling automatic fire extinguisher	4,5	1		
10	DCP under ceiling automatic fire extinguisher	9	1		
11	Fire alarm control panel (FACP)		1		
12	Alarm initiating devices		1		
13	break glass Sprinkler system nozzle		1		
14	Backup power supply		1		
15	Heat detector		1		
16	Co2 Detectors		1		
17	Flame detectors		1		
18	Photoelectric, Ionization, and in-duct smoke detectors		1		
19	Bells		1		
20	Fire extinguisher Horns		1		
21	10kg Co2 fire extinguisher trolley (carbon steel with two rubber wheels		1		
22	25kg DCP trolley extinguisher		1		
23	Fibre glass box for 5 kg Co2		1		
24	Fibre glass box for 9 kg DCP		1		
25	Super sound alarm horn and canister 60 g		1		
26	Super sound alarm horn and canister 120 g		1		
27	Super sound alarm complete		1		
28	Super sound alarm box only		1		
29	Fire hose reel complete (mild steel)		1		
30	Jockey pump		1		
31	Fire sprinkler system (indicate type)		1		

Bidder's Initials

32	Fire sprinkler detector		1		
33	Sprinkler system control panel(indicate type)		1		
34	Manual call points		1		
35	30m standard fire hose reel, complete with CP-valve, brackets & 190mm x 380mm PVC signage & FHR PVC cover, including valve and union and line pressure gauge with gauge cock		1		
36	Hose reel frame (mild steel)		1		
37	Fire hose reel hose 0.5m/s at 300kPa		1		
38	Fire hose reel nozzles		1		
39	Fire hose reel stainless steel complete		1		
40	Fire hose reel stainless steel frame only		1		
41	CP valve, Chromium plated stop cock with 25 mm BSP inlet and out		1		
42	Draw shackle of fire hose reel, mild stell nickel plated shackle with PVC run out guide		1		
43	80 mm Fire hydrant valve. 80mm x 65mm brass right angle hand wheel hydrant with single lug instantaneous outlet and 80 mm male. BSP inlet (pressure: 16 bar, weight:4.40 kg)		1		
44	Hydrant control nozzles		1		
45	Hose diameter 65 mm, length= 30 m, Material PVC, Working pressure= 13 Bar, Burst pressure = 39 Bar, Packing weight 12.10 Kg. Package Kg. Package30 size(mm) 500 x 20 x 130, Red in colour, nomenclating, light weight, all synthetic, durable fire hose. Operating pressure range: 20 to 60 Deg. C		1		
46	Plastic hose cabinet for 2 x 30m hoses, Fire cabinet is made from LLDPE for ade from LLDilitv strength and durability. opening cabinet, door slide, with no hinges, glide, without asil Inspection done easily through the Polycarbonate viewing panel, Lockable with break glass with spare key, 790mm x 420mm x 300mm (LX W XH)		1		
47	Lay flats with fire resistance cover (Complete set with light alloy couplings, Hose diameter 65 mm, length= 30 m, Material PVC,13 Working pressure= 13 Bar. Burst pressure = 39 Bar, Packing weight 12.10 Bar, Kg, Package Packing sam size(mm) 500 x 20 x 130, Red in colour, non-percolating. lightweight, all synthetic, durable fire hose. Operating pressure range: 20to 60 en C		1		
48	80 mm hot dip galvanized socket for fire hydrant		1		

Bidder's Initials

49	Fire hydrant stand, OD =80 mm, thickness = 5mm L= 1.5 m With standard eight holes flange, and, material = hot dip galvanizes steel, primed and red painted		1		
50	Fire hydrant stand, OD = 80 mm, thickness = 5mm, L= 1,5 m With standard With standard four holes flange, material = hot dip galvanizes steel, primed and red painted;		1		
51	Hydrant lip washer		1		
52	Chromium plated hand wheel of fire with hydrant open head inscribed		1		
53	80 mm Fire Hydrant valves, 80 mm x 65 mm brass right angle hand wheel hydrant wheel hydrant with single lug instantaneous outlet and 80 mm male. BSP inlet. Pressure: 16 Bar, Weight: 4.40 Kg		1		
54	Fire hose reel stainless steel stand 2 metre from the ground		1		
55	Class-B, 60-min fire door, single leafed, including ID-tags, installation, self-door closure & push-bar		1		
56	Class-B, 60-min fire door, double leafed, including ID-tags, installation, self-door closure & push-bar		1		
57	Diesel driven pump: 2400 lpm @ 700 kPa		1		
58	Fuel supply tank (shall have a capacity at least equal to 1 gal per hp (5.07l per kw), plus 5 % volume fo expansion and 5% volume for sump		1		
59	Electrical, 3-phase fire jockey pump: 60 lpm @ 650kPa		1		
60	150 000 Liter, cylindric galvanised steel tanks, with overflow, drain, vortex inhibitors, level indicators and internal / external ladders (non ASIB - to comply with SANS10400-T&W)		1		
61	88 000 Liter, cylindric galvanised steel tanks, with overflow, drain, vortex inhibitors, level indicators and internal / external ladders (non ASIB - to comply with SANS10400-T&W)		1		
62	27 000 Liter, cylindric galvanised steel tanks, with overflow, drain, vortex inhibitors, level indicators and internal / external ladders (non ASIB - to comply with SANS10400-T&W)		1		
63	SAFETY: 190mm x 380mm, PVC sign, E1/2, 		1		

Bidder's Initials

64	SAFETY: 190mm x 380mm, PVC sign, E3, 		1		
65	SAFETY: 190mm x 570mm, PVC sign, E16, 		1		
66	SAFETY: 190mm x 570mm, PVC sign, E17 		1		
67	SYMBOLIC: 190mm x 570mm, PVC sign, F4, 		1		
68	SYMBOLIC: 190mm x 380mm, PVC sign, F13 		1		
	TOTAL CARRIED TO SUMMARY				

SCHEDULE 3: RATES FOR LABOUR AND TRANSPORT

1 The rates for transport must include the cost of labour during travelling time, all overheads, fuel costs, etc.

ITEM	Description	UNIT	QUANTITY	AMOUNT
1	**TRANSPORT**			
1,1	1.6 SEDAN	Rate/km	1	
1,2	1 TON LDV	Rate/km	1	
1,3	5 TON LDV	Rate/km	1	
2	**LABOUR**			

Bidder's Initials

2,1	Artisan/Technician	Rate/hour	1	
2,2	Apprentice	Rate/hour	1	
2,3	Labourer	Rate/hour	1	
	TOTAL CARRIED TO SUMMARY			

SCHEDULE 4: RATES FOR SUPPLY OF NEW PIPES AND FITTINGS

1 These are the rates for the supply and installation of new parts.

2 For pricing purposes

a. The price of each item must be an all-inclusive unit price per item.

ITEM	DESCRIPTIONS	UNIT	QUANTITY	RATE	TOTAL
	Pipes are counted in the rest in quantities.				
1	**Galvanised steel 90° elbow**				
1,1	Ø25	No.	1		
1,2	Ø50	No.	1		
1,3	Ø80	No.	1		
2	**WBS elbow SCH 40-90°**				
2,1	Ø150	No.	1		
2,2	Ø100	No.	1		
2,3	Ø80	No.	1		
3	**WBS elbow SCH 40-45°**				
3,1	Ø150	No.	1		
4	**Concentric reduction WBS SCH 40**				
4,1	Ø150 x 100	No.	1		
4,2	Ø150 x 80	No.	1		
4,3	Ø100 x 80	No.	1		
5	**Steel gate valve (flanged)**				
5,1	Ø150	No.	1		
5,2	Ø100	No.	1		
5,3	Ø80	No.	1		
6	**Flanges Black steel, welded joint:**				
6,1	**Welding Neck 150 pounds**				
6.1.1	Ø150	No.	1		
6.1.2	Ø100	No.	1		
6,2	**Blind flange**				
6.2.1	Ø150	No.	1		
6.2.2	Ø100	No.	1		

Bidder's Initials

6.2.3	Ø80	No.	1		
6,3	**Socket Welding**				
6.3.1	Ø150	No.	1		
6.3.2	Ø100	No.	1		
6.3.3	Ø80	No.	1		
6,4	**Flat gasket for flange, made of polyethylene**				
6.4.1	Ø150	No.	1		
6.4.2	Ø100	No.	1		
6.4.3	Ø80	No.	1		
7	**Flanged filter with cast iron body**				
7,1	Ø150	No.	1		
7,2	Ø100	No.	1		
7,3	Ø80		1		
8	**Water meter with totaliser, made of PVC, flanged ends.**	No.			
8,1	Ø100	No.	1		
8,2	Ø80	No.	1		
9	**WBS Tee galvanised steel/cast iron**	No.			
9,1	Ø150	No.	1		
9,2	Ø100	No.	1		
10	**Reduced eccentric WBS SCH 40**				
10,1	Ø100 x 80	No.	1		
11	**Floating valve for cistern, HoFo body, with steel rod, copper float, maximum pressure 7 KGF/cm^2, flanged ends.**				
		No.			
11,1	Ø100	No.	1		
11,2	Ø80	No.	1		
12	**Swing check valve, ends for flange connection, PN-10, cast iron body.**	No.			
12,1	Ø150	No.	1		
12,2	Ø100	No.	1		
12,3	Ø80	No.	1		
13	**Anti-vibration flanged gasket**	No.			
13,1	Ø150	No.	1		

Bidder's Initials

13,2	Ø80	No.	1		
14	**Anti-vortex plate**				
14,1	Suction pipe diameter Ø150 , Minimum dimension of vortex inhibitor 0.60 m	No.	1		
14,2	Suction pipe diameter Ø100 Minimum dimension of vortex inhibitor 0.40 m	No.	1		
15	**Flow meter with pressure gauge and flanged connection**				
15,1	Ø150	No.	1		
16	**Pressure gauge connected to the pipe by means of a sleeve or welded connection to measure water and air pressure in sprinkler systems. Working pressure: 300 psi (water) and 80 to 250 psi (air)**	No.	1		
		No.			
17	**Booster connection, Hydrant**	No.			
17,1	Twin booster connection, with pressure gauge Ø80	No.	1		
		No.			
18	**304 stainless steel clamp**	No.			
18,1	Ø150	No.	1		
18,2	Ø100	No.	1		
18,3	Ø80	No.	1		
19	**Galvanised steel pipes**				
		m			
19,1	Galvanised steel pipe 25mm	m	1		
19,2	Galvanised steel pipe 50mm	m	1		
19,3	Galvanised steel pipe 60mm	m	1		
19,4	Galvanised steel pipe 80mm	m	1		
19,5	enamel red coating, painting include painting	ltr	1		
19,6	Galvanised steel pipe threading	m	1		
Total carried to summary					

Bidder's Initials

SCHEDULE 5: RATES FOR PROFESSIONAL SERVICES

a) All prices are inclusive of all the stages of project implementation

	Description	UNIT	QTY	RATE	TOTAL
1	ECSA registered fire engineer consultation (from stage 1 to stage 6 as described in government gazette)	Rate/hour	1		
2	Testing and commissioning process including fire department registration and initiation requirements	Sum	1		
	Total Carried to summary				

SUMMARY OF SCHEDULE QUANTITIES

ITEM	DESCRIPTION	TOTAL
1	SCHEDULE 1: RATES FOR MAINTENANCE OF FIRE SYSTEM	
2	SCHEDULE 2: RATES FOR SUPPLY OF NEW REPLACEMENT PARTS	
3	SCHEDULE 3: RATES FOR LABOUR AND TRANSPORT	
4	SCHEDULE 4: RATES FOR INSTALLATION OF PIPES AND FTTINGS	
5	SCHEDULE 5: RATES FOR PROFESSIONAL SERVICES	
4	**SUB-TOTAL**	
5	**VAT**	
6	**TOTAL (CARRIED TO FORM OF OFFER C1.3)**	

Bidder's Initials

LIMPOPO
PROVINCIAL GOVERNMENT
REPUBLIC OF SOUTH AFRICA
DEPARTMENT OF
PUBLIC WORKS, ROADS & INFRASTRUCTURE

C2.2.4: BILLS OF QUANTITIES VHEMBE DISTRICT

Bidder's Initials

SCHEDULE 1: RATES FOR MAINTANANCE OF FIRE SYSTEM

1 These are the rates for servicing fire detection system

2 For pricing purposes

a. Prices for servicing include marking of the equipment and compiling of inventory.

b. Prices for servicing include servicing as stipulated in Part C3.1, labour, transport, consumables, minor and incidental repairs and all other overheads.

c. Prices for servicing include decommissioning and disposal of a damaged unit.

d. All equipment listed below form part of this contract and shall be serviced, maintained and repaired.

ITEM	Description	Capacity Range (Kg)	Preventative/minor service	Corrective/Major service	Total
1	Fire Alarm control panel				
2	Alarm initiating devices				
3	Sprinkler system nozzle				
4	Fire hydrant				
5	fire control panel Backup power supply				
6	DCP Extinguisher	1,5			
7		2,5			
8		4,5			
9		9			
10	Co2 Extinguisher	2			
11		3,5			
12		4,5			
13		5			
14	DCP under ceiling automatic fire extinguisher	4,5			
15	DCP under ceiling automatic fire extinguisher	9			
16	**Training of LDPWRI staff (CDP rated fire maintenance course)**				
	TOTAL CARRIED TO SUMMARY				

Bidder's Initials

SCHEDULE 2: RATES FOR SUPPLY OF NEW REPLACEMENT PARTS

1 These are the rates for the supply of replacement parts.

2 For pricing purposes

a. The price of each item must be an all-inclusive unit price per item.

ITEM	Description	Capacity Range (Kg)	Qty	Rate	Total
1	DCP Extinguisher	1,5	1		
2		2,5	1		
3		4,5	1		
4		9	1		
5	Co2 Extinguisher	2	1		
6		3,5	1		
7		4,5	1		
8		5	1		
9	DCP under ceiling automatic fire extinguisher	4,5	1		
10	DCP under ceiling automatic fire extinguisher	9	1		
11	Fire alarm control panel (FACP)		1		
12	Alarm initiating devices		1		
13	break glass Sprinkler system nozzle		1		
14	Backup power supply		1		
15	Heat detector		1		
16	Co2 Detectors		1		
17	Flame detectors		1		
18	Photoelectric, Ionization, and in-duct smoke detectors		1		
19	Bells		1		
20	Fire extinguisher Horns		1		
21	10kg Co2 fire extinguisher trolley (carbon steel with two rubber wheels		1		
22	25kg DCP trolley extinguisher		1		
23	Fibre glass box for 5 kg Co2		1		
24	Fibre glass box for 9 kg DCP		1		
25	Super sound alarm horn and canister 60 g		1		
26	Super sound alarm horn and canister 120 g		1		
27	Super sound alarm complete		1		
28	Super sound alarm box only		1		
29	Fire hose reel complete (mild steel)		1		
30	Jockey pump		1		
31	Fire sprinkler system (indicate type)		1		

Bidder's Initials

32	Fire sprinkler detector		1		
33	Sprinkler system control panel(indicate type)		1		
34	Manual call points		1		
35	30m standard fire hose reel, complete with CP-valve, brackets & 190mm x 380mm PVC signage & FHR PVC cover, including valve and union and line pressure gauge with gauge cock		1		
36	Hose reel frame (mild steel)		1		
37	Fire hose reel hose 0.5m/s at 300kPa		1		
38	Fire hose reel nozzles		1		
39	Fire hose reel stainless steel complete		1		
40	Fire hose reel stainless steel frame only		1		
41	CP valve, Chromium plated stop cock with 25 mm BSP inlet and out		1		
42	Draw shackle of fire hose reel, mild stell nickel plated shackle with PVC run out guide		1		
43	80 mm Fire hydrant valve. 80mm x 65mm brass right angle hand wheel hydrant with single lug instantaneous outlet and 80 mm male. BSP inlet (pressure: 16 bar, weight:4.40 kg)		1		
44	Hydrant control nozzles		1		
45	Hose diameter 65 mm, length= 30 m, Material PVC, Working pressure= 13 Bar, Burst pressure = 39 Bar, Packing weight 12.10 Kg. Package Kg. Package30 size(mm) 500 x 20 x 130, Red in colour, nomenclating, light weight, all synthetic, durable fire hose. Operating pressure range: 20 to 60 Deg. C		1		
46	Plastic hose cabinet for 2 x 30m hoses, Fire cabinet is made from LLDPE for ade from LLDilitv strength and durability. opening cabinet, door slide, with no hinges, glide, without asil Inspection done easily through the Polycarbonate viewing panel, Lockable with break glass with spare key, 790mm x 420mm x 300mm (LX W XH)		1		
47	Lay flats with fire resistance cover (Complete set with light alloy couplings, Hose diameter 65 mm, length= 30 m, Material PVC,13 Working pressure= 13 Bar. Burst pressure = 39 Bar, Packing weight 12.10 Bar, Kg, Package Packing sam size(mm) 500 x 20 x 130, Red in colour, non-percolating. lightweight, all synthetic, durable fire hose. Operating pressure range: 20to 60 en C		1		
48	80 mm hot dip galvanized socket for fire hydrant		1		

Bidder's Initials

49	Fire hydrant stand, OD =80 mm, thickness = 5mm L= 1.5 m With standard eight holes flange, and, material = hot dip galvanizes steel, primed and red painted		1		
50	Fire hydrant stand, OD = 80 mm, thickness = 5mm, L= 1,5 m With standard With standard four holes flange, material = hot dip galvanizes steel, primed and red painted;		1		
51	Hydrant lip washer		1		
52	Chromium plated hand wheel of fire with hydrant open head inscribed		1		
53	80 mm Fire Hydrant valves, 80 mm x 65 mm brass right angle hand wheel hydrant wheel hydrant with single lug instantaneous outlet and 80 mm male. BSP inlet. Pressure: 16 Bar, Weight: 4.40 Kg		1		
54	Fire hose reel stainless steel stand 2 metre from the ground		1		
55	Class-B, 60-min fire door, single leafed, including ID-tags, installation, self-door closure & push-bar		1		
56	Class-B, 60-min fire door, double leafed, including ID-tags, installation, self-door closure & push-bar		1		
57	Diesel driven pump: 2400 lpm @ 700 kPa		1		
58	Fuel supply tank (shall have a capacity at least equal to 1 gal per hp (5.07l per kw), plus 5 % volume fo expansion and 5% volume for sump		1		
59	Electrical, 3-phase fire jockey pump: 60 lpm @ 650kPa		1		
60	150 000 Liter, cylindric galvanised steel tanks, with overflow, drain, vortex inhibitors, level indicators and internal / external ladders (non ASIB - to comply with SANS10400-T&W)		1		
61	88 000 Liter, cylindric galvanised steel tanks, with overflow, drain, vortex inhibitors, level indicators and internal / external ladders (non ASIB - to comply with SANS10400-T&W)		1		
62	27 000 Liter, cylindric galvanised steel tanks, with overflow, drain, vortex inhibitors, level indicators and internal / external ladders (non ASIB - to comply with SANS10400-T&W)		1		
63	SAFETY: 190mm x 380mm, PVC sign, E1/2, 		1		

Bidder's Initials

64	SAFETY: 190mm x 380mm, PVC sign, E3, 		1		
65	SAFETY: 190mm x 570mm, PVC sign, E16, 		1		
66	SAFETY: 190mm x 570mm, PVC sign, E17 		1		
67	SYMBOLIC: 190mm x 570mm, PVC sign, F4, 		1		
68	SYMBOLIC: 190mm x 380mm, PVC sign, F13 		1		
	TOTAL CARRIED TO SUMMARY				

SCHEDULE 3: RATES FOR LABOUR AND TRANSPORT

1 The rates for transport must include the cost of labour during travelling time, all overheads, fuel costs, etc.

ITEM	Description	UNIT	QUANTITY	AMOUNT
1	**TRANSPORT**			
1,1	1.6 SEDAN	Rate/km	1	
1,2	1 TON LDV	Rate/km	1	
1,3	5 TON LDV	Rate/km	1	
2	**LABOUR**			

Bidder's Initials

2,1	Artisan/Technician	Rate/hour	1	
2,2	Apprentice	Rate/hour	1	
2,3	Labourer	Rate/hour	1	
	TOTAL CARRIED TO SUMMARY			

SCHEDULE 4: RATES FOR SUPPLY OF NEW PIPES AND FITTINGS

1 These are the rates for the supply and installation of new parts.

2 For pricing purposes

a. The price of each item must be an all-inclusive unit price per item.

ITEM	DESCRIPTIONS	UNIT	QUANTITY	RATE	TOTAL
	Pipes are counted in the rest in quantities.				
1	**Galvanised steel 90° elbow**				
1,1	Ø25	No.	1		
1,2	Ø50	No.	1		
1,3	Ø80	No.	1		
2	**WBS elbow SCH 40-90°**				
2,1	Ø150	No.	1		
2,2	Ø100	No.	1		
2,3	Ø80	No.	1		
3	**WBS elbow SCH 40-45°**				
3,1	Ø150	No.	1		
4	**Concentric reduction WBS SCH 40**				
4,1	Ø150 x 100	No.	1		
4,2	Ø150 x 80	No.	1		
4,3	Ø100 x 80	No.	1		
5	**Steel gate valve (flanged)**				
5,1	Ø150	No.	1		
5,2	Ø100	No.	1		

Bidder's Initials

5,3	Ø80	No.	1		
6	**Flanges Black steel, welded joint:**				
6,1	**Welding Neck 150 pounds**				
6.1.1	Ø150	No.	1		
6.1.2	Ø100	No.	1		
6,2	**Blind flange**				
6.2.1	Ø150	No.	1		
6.2.2	Ø100	No.	1		
6.2.3	Ø80	No.	1		
6,3	**Socket Welding**				
6.3.1	Ø150	No.	1		
6.3.2	Ø100	No.	1		
6.3.3	Ø80	No.	1		
6,4	**Flat gasket for flange, made of polyethylene**				
6.4.1	Ø150	No.	1		
6.4.2	Ø100	No.	1		
6.4.3	Ø80	No.	1		
7	**Flanged filter with cast iron body**				
7,1	Ø150	No.	1		
7,2	Ø100	No.	1		
7,3	Ø80		1		
8	**Water meter with totaliser, made of PVC, flanged ends.**	No.			
8,1	Ø100	No.	1		
8,2	Ø80	No.	1		
9	**WBS Tee galvanised steel/cast iron**	No.			
9,1	Ø150	No.	1		
9,2	Ø100	No.	1		
10	**Reduced eccentric WBS SCH 40**				
10,1	Ø100 x 80	No.	1		
11	**Floating valve for cistern, HoFo body, with steel rod, copper float, maximum pressure 7 KGF/cm^2, flanged ends.**				
		No.			
11,1	Ø100	No.	1		
11,2	Ø80	No.	1		

Bidder's Initials

12	**Swing check valve, ends for flange connection, PN-10, cast iron body.**	No.			
12,1	Ø150	No.	1		
12,2	Ø100	No.	1		
12,3	Ø80	No.	1		
13	**Anti-vibration flanged gasket**	No.			
13,1	Ø150	No.	1		
13,2	Ø80	No.	1		
14	**Anti-vortex plate**				
14,1	Suction pipe diameter Ø150 , Minimum dimension of vortex inhibitor 0.60 m	No.	1		
14,2	Suction pipe diameter Ø100 Minimum dimension of vortex inhibitor 0.40 m	No.	1		
15	**Flow meter with pressure gauge and flanged connection**				
15,1	Ø150	No.	1		
16	**Pressure gauge connected to the pipe by means of a sleeve or welded connection to measure water and air pressure in sprinkler systems. Working pressure: 300 psi (water) and 80 to 250 psi (air)**	No.	1		
		No.			
17	**Booster connection, Hydrant**	No.			
17,1	Twin booster connection, with pressure gauge Ø80	No.	1		
		No.			
18	**304 stainless steel clamp**	No.			
18,1	Ø150	No.	1		
18,2	Ø100	No.	1		
18,3	Ø80	No.	1		
19	**Galvanised steel pipes**				
		m			
19,1	Galvanised steel pipe 25mm	m	1		
19,2	Galvanised steel pipe 50mm	m	1		
19,3	Galvanised steel pipe 60mm	m	1		
19,4	Galvanised steel pipe 80mm	m	1		

Bidder's Initials

19,5	enamel red coating, painting include painting	ltr	1		
19,6	Galvanised steel pipe threading	m	1		
Total carried to summary					

SCHEDULE 5: RATES FOR PROFESSIONAL SERVICES

a) All prices are inclusive of all the stages of project implementation

	Description	**UNIT**	**QTY**	**RATE**	**TOTAL**
1	ECSA registered fire engineer consultation (from stage 1 to stage 6 as described in government gazette)	Rate/hour	1		
2	Testing and commissioning process including fire department registration and initiation requirements	Sum	1		
	Total Carried to summary				

SUMMARY OF SCHEDULE QUANTITIES

ITEM	DESCRIPTION	TOTAL
1	SCHEDULE 1: RATES FOR MAINTENANCE OF FIRE SYSTEM	
2	SCHEDULE 2: RATES FOR SUPPLY OF NEW REPLACEMENT PARTS	
3	SCHEDULE 3: RATES FOR LABOUR AND TRANSPORT	
4	SCHEDULE 4: RATES FOR INSTALLATION OF PIPES AND FTTINGS	
5	SCHEDULE 5: RATES FOR PROFESSIONAL SERVICES	
4	**SUB-TOTAL**	
5	**VAT**	
6	**TOTAL (CARRIED TO FORM OF OFFER C1.4)**	

Bidder's Initials

LIMPOPO
PROVINCIAL GOVERNMENT
REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF
PUBLIC WORKS, ROADS & INFRASTRUCTURE

C2.2.5: BILLS OF QUANTITIES WATERBERG DISTRICT

Bidder's Initials

SCHEDULE 1: RATES FOR MAINTANANCE OF FIRE SYSTEM

1 These are the rates for servicing fire detection system

2 For pricing purposes

a. Prices for servicing include marking of the equipment and compiling of inventory.

b. Prices for servicing include servicing as stipulated in Part C3.1, labour, transport, consumables, minor and incidental repairs and all other overheads.

c. Prices for servicing include decommissioning and disposal of a damaged unit.

d. All equipment listed below form part of this contract and shall be serviced, maintained and repaired.

ITEM	Description	Capacity Range (Kg)	Preventative/minor service	Corrective/Major service	Total
1	Fire Alarm control panel				
2	Alarm initiating devices				
3	Sprinkler system nozzle				
4	Fire hydrant				
5	fire control panel Backup power supply				
6	DCP Extinguisher	1,5			
7		2,5			
8		4,5			
9		9			
10	Co2 Extinguisher	2			
11		3,5			
12		4,5			
13		5			
14	DCP under ceiling automatic fire extinguisher	4,5			
15	DCP under ceiling automatic fire extinguisher	9			
16	**Training of LDPWRI staff (CDP rated fire maintenance course)**				
	TOTAL CARRIED TO SUMMARY				

Bidder's Initials

SCHEDULE 2: RATES FOR SUPPLY OF NEW REPLACEMENT PARTS

1 These are the rates for the supply of replacement parts.

2 For pricing purposes

a. The price of each item must be an all-inclusive unit price per item.

ITEM	Description	Capacity Range (Kg)	Qty	Rate	Total
1	DCP Extinguisher	1,5	1		
2		2,5	1		
3		4,5	1		
4		9	1		
5	Co2 Extinguisher	2	1		
6		3,5	1		
7		4,5	1		
8		5	1		
9	DCP under ceiling automatic fire extinguisher	4,5	1		
10	DCP under ceiling automatic fire extinguisher	9	1		
11	Fire alarm control panel (FACP)		1		
12	Alarm initiating devices		1		
13	break glass Sprinkler system nozzle		1		
14	Backup power supply		1		
15	Heat detector		1		
16	Co2 Detectors		1		
17	Flame detectors		1		
18	Photoelectric, Ionization, and in-duct smoke detectors		1		
19	Bells		1		
20	Fire extinguisher Horns		1		
21	10kg Co2 fire extinguisher trolley (carbon steel with two rubber wheels		1		
22	25kg DCP trolley extinguisher		1		
23	Fibre glass box for 5 kg Co2		1		
24	Fibre glass box for 9 kg DCP		1		
25	Super sound alarm horn and canister 60 g		1		
26	Super sound alarm horn and canister 120 g		1		
27	Super sound alarm complete		1		
28	Super sound alarm box only		1		
29	Fire hose reel complete (mild steel)		1		
30	Jockey pump		1		
31	Fire sprinkler system (indicate type)		1		
32	Fire sprinkler detector		1		
33	Sprinkler system control panel(indicate type)		1		
34	Manual call points		1		
35	30m standard fire hose reel, complete with CP-valve, brackets & 190mm x 380mm PVC signage & FHR PVC cover, including valve		1		

	and union and line pressure gauge with gauge cock				
36	Hose reel frame (mild steel)		1		
37	Fire hose reel hose 0.5m/s at 300kPa		1		
38	Fire hose reel nozzles		1		
39	Fire hose reel stainless steel complete		1		
40	Fire hose reel stainless steel frame only		1		
41	CP valve, Chromium plated stop cock with 25 mm BSP inlet and out		1		
42	Draw shackle of fire hose reel, mild stell nickel plated shackle with PVC run out guide		1		
43	80 mm Fire hydrant valve. 80mm x 65mm brass right angle hand wheel hydrant with single lug instantaneous outlet and 80 mm male. BSP inlet (pressure: 16 bar, weight:4.40 kg)		1		
44	Hydrant control nozzles		1		
45	Hose diameter 65 mm, length= 30 m, Material PVC, Working pressure= 13 Bar, Burst pressure = 39 Bar, Packing weight 12.10 Kg. Package Kg. Package30 size(mm) 500 x 20 x 130, Red in colour, nomenclating, light weight, all synthetic, durable fire hose. Operating pressure range: 20 to 60 Deg. C		1		
46	Plastic hose cabinet for 2 x 30m hoses, Fire cabinet is made from LLDPE for ade from LLDilitv strength and durability. opening cabinet, door slide, with no hinges, glide, without asil Inspection done easily through the Polycarbonate viewing panel, Lockable with break glass with spare key, 790mm x 420mm x 300mm (LX W XH)		1		
47	Lay flats with fire resistance cover (Complete set with light alloy couplings, Hose diameter 65 mm, length= 30 m, Material PVC,13 Working pressure= 13 Bar. Burst pressure = 39 Bar, Packing weight 12.10 Bar, Kg, Package Packing sam size(mm) 500 x 20 x 130, Red in colour, non-percolating. lightweight, all synthetic, durable fire hose. Operating pressure range: 20to 60 en C		1		
48	80 mm hot dip galvanized socket for fire hydrant		1		
49	Fire hydrant stand, OD =80 mm, thickness = 5mm L= 1.5 m With standard eight holes flange, and, material = hot dip galvanizes steel, primed and red painted		1		
50	Fire hydrant stand, OD = 80 mm, thickness = 5mm, L= 1,5 m With standard With standard four holes flange, material = hot dip galvanizes steel, primed and red painted;		1		
51	Hydrant lip washer		1		

52	Chromium plated hand wheel of fire with hydrant open head inscribed		1		
53	80 mm Fire Hydrant valves, 80 mm x 65 mm brass right angle hand wheel hydrant wheel hydrant with single lug instantaneous outlet and 80 mm male. BSP inlet. Pressure: 16 Bar, Weight: 4.40 Kg		1		
54	Fire hose reel stainless steel stand 2 metre from the ground		1		
55	Class-B, 60-min fire door, single leafed, including ID-tags, installation, self-door closure & push-bar		1		
56	Class-B, 60-min fire door, double leafed, including ID-tags, installation, self-door closure & push-bar		1		
57	Diesel driven pump: 2400 lpm @ 700 kPa		1		
58	Fuel supply tank (shall have a capacity at least equal to 1 gal per hp (5.07l per kw), plus 5 % volume fo expansion and 5% volume for sump		1		
59	Electrical, 3-phase fire jockey pump: 60 lpm @ 650kPa		1		
60	150 000 Liter, cylindric galvanised steel tanks, with overflow, drain, vortex inhibitors, level indicators and internal / external ladders (non ASIB - to comply with SANS10400-T&W)		1		
61	88 000 Liter, cylindric galvanised steel tanks, with overflow, drain, vortex inhibitors, level indicators and internal / external ladders (non ASIB - to comply with SANS10400-T&W)		1		
62	27 000 Liter, cylindric galvanised steel tanks, with overflow, drain, vortex inhibitors, level indicators and internal / external ladders (non ASIB - to comply with SANS10400-T&W)		1		
63	SAFETY: 190mm x 380mm, PVC sign, E1/2, 		1		
64	SAFETY: 190mm x 380mm, PVC sign, E3, 		1		
65	SAFETY: 190mm x 570mm, PVC sign, E16, 		1		

66	SAFETY: 190mm x 570mm, PVC sign, E17 		1		
67	SYMBOLIC: 190mm x 570mm, PVC sign, F4, 		1		
68	SYMBOLIC: 190mm x 380mm, PVC sign, F13 		1		
	TOTAL CARRIED TO SUMMARY				

SCHEDULE 3: RATES FOR LABOUR AND TRANSPORT

1 The rates for transport must include the cost of labour during travelling time, all overheads, fuel costs, etc.

ITEM	Description	UNIT	QUANTITY	AMOUNT
1	**TRANSPORT**			
1,1	1.6 SEDAN	Rate/km	1	
1,2	1 TON LDV	Rate/km	1	
1,3	5 TON LDV	Rate/km	1	
2	**LABOUR**			
2,1	Artisan/Technician	Rate/hour	1	
2,2	Apprentice	Rate/hour	1	
2,3	Labourer	Rate/hour	1	
	TOTAL CARRIED TO SUMMARY			

SCHEDULE 4: RATES FOR SUPPLY OF NEW PIPES AND FITTINGS

1 These are the rates for the supply and installation of new parts.

2 For pricing purposes

a. The price of each item must be an all-inclusive unit price per item.

ITEM	DESCRIPTIONS	UNIT	QUANTITY	RATE	TOTAL
	Pipes are counted in the rest in quantities.				
1	**Galvanised steel 90° elbow**				
1,1	Ø25	No.	1		
1,2	Ø50	No.	1		
1,3	Ø80	No.	1		
2	**WBS elbow SCH 40-90°**				
2,1	Ø150	No.	1		
2,2	Ø100	No.	1		
2,3	Ø80	No.	1		
3	**WBS elbow SCH 40-45°**				
3,1	Ø150	No.	1		
4	**Concentric reduction WBS SCH 40**				
4,1	Ø150 x 100	No.	1		
4,2	Ø150 x 80	No.	1		
4,3	Ø100 x 80	No.	1		
5	**Steel gate valve (flanged)**				
5,1	Ø150	No.	1		
5,2	Ø100	No.	1		
5,3	Ø80	No.	1		
6	**Flanges Black steel, welded joint:**				
6,1	**Welding Neck 150 pounds**				
6.1.1	Ø150	No.	1		
6.1.2	Ø100	No.	1		
6,2	**Blind flange**				
6.2.1	Ø150	No.	1		
6.2.2	Ø100	No.	1		
6.2.3	Ø80	No.	1		
6,3	**Socket Welding**				
6.3.1	Ø150	No.	1		
6.3.2	Ø100	No.	1		
6.3.3	Ø80	No.	1		
6,4	**Flat gasket for flange, made of polyethylene**				
6.4.1	Ø150	No.	1		
6.4.2	Ø100	No.	1		
6.4.3	Ø80	No.	1		

7	**Flanged filter with cast iron body**				
7,1	Ø150	No.	1		
7,2	Ø100	No.	1		
7,3	Ø80		1		
8	**Water meter with totaliser, made of PVC, flanged ends.**	No.			
8,1	Ø100	No.	1		
8,2	Ø80	No.	1		
9	**WBS Tee galvanised steel/cast iron**	No.			
9,1	Ø150	No.	1		
9,2	Ø100	No.	1		
10	**Reduced eccentric WBS SCH 40**				
10,1	Ø100 x 80	No.	1		
11	**Floating valve for cistern, HoFo body, with steel rod, copper float, maximum pressure 7 KGF/cm^2, flanged ends.**				
		No.			
11,1	Ø100	No.	1		
11,2	Ø80	No.	1		
12	**Swing check valve, ends for flange connection, PN-10, cast iron body.**	No.			
12,1	Ø150	No.	1		
12,2	Ø100	No.	1		
12,3	Ø80	No.	1		
13	**Anti-vibration flanged gasket**	No.			
13,1	Ø150	No.	1		
13,2	Ø80	No.	1		
14	**Anti-vortex plate**				
14,1	Suction pipe diameter Ø150 , Minimum dimension of vortex inhibitor 0.60 m	No.	1		
14,2	Suction pipe diameter Ø100 Minimum dimension of vortex inhibitor 0.40 m	No.	1		
15	**Flow meter with pressure gauge and flanged connection**				
15,1	Ø150	No.	1		

16	**Pressure gauge connected to the pipe by means of a sleeve or welded connection to measure water and air pressure in sprinkler systems. Working pressure: 300 psi (water) and 80 to 250 psi (air)**	No.	1		
		No.			
17	**Booster connection, Hydrant**	No.			
17,1	Twin booster connection, with pressure gauge Ø80	No.	1		
		No.			
18	**304 stainless steel clamp**	No.			
18,1	Ø150	No.	1		
18,2	Ø100	No.	1		
18,3	Ø80	No.	1		
19	**Galvanised steel pipes**				
		m			
19,1	Galvanised steel pipe 25mm	m	1		
19,2	Galvanised steel pipe 50mm	m	1		
19,3	Galvanised steel pipe 60mm	m	1		
19,4	Galvanised steel pipe 80mm	m	1		
19,5	enamel red coating, painting include painting	ltr	1		
19,6	Galvanised steel pipe threading	m	1		
Total carried to summary					

SCHEDULE 5: RATES FOR PROFESSIONAL SERVICES

a) All prices are inclusive of all the stages of project implementation

	Description	UNIT	QTY	RATE	TOTAL
1	ECSA registered fire engineer consultation (from stage 1 to stage 6 as described in government gazette)	Rate/hour	1		
2	Testing and commissioning process including fire department registration and initiation requirements	Sum	1		
	Total Carried to summary				

SUMMARY OF SCHEDULE QUANTITIES

ITEM	DESCRIPTION	TOTAL
1	SCHEDULE 1: RATES FOR MAINTENANCE OF FIRE SYSTEM	
2	SCHEDULE 2: RATES FOR SUPPLY OF NEW REPLACEMENT PARTS	
3	SCHEDULE 3: RATES FOR LABOUR AND TRANSPORT	
4	SCHEDULE 4: RATES FOR INSTALLATION OF PIPES AND FTTINGS	
5	SCHEDULE 5: RATES FOR PROFESSIONAL SERVICES	
4	**SUB-TOTAL**	
5	**VAT**	
6	**TOTAL (CARRIED TO FORM OF OFFER C1.5)**	

JOB CARD: **COMPLAINT NO: _____**

1. BUILDING: _____ DEPARTMENT: _____ ORDER NO: _____

COMPLAINT: _____

_____

REPORTED BY: NAME: _____ TELEPHONE: _____ DATE: _____

CONTRACTOR: _____ AREA: _____

2. WORK EXECUTED NB: UNUSED LINES MUST BE CANCELLED BEFORE CERTIFYING

	DESCRIPTION OF WORK	PAGE & SCHEDULE NO:		QUANTITY IN WORDS	RATE R c		TOTAL R c	
				NON-SCHEDULE ITEMS TOTAL				
				15% PROFIT ON NON-SCHEDULE ITEMS				
				SCHEDULE ITEMS T SCHEDULE AND OTAL				
				NON-SCHEDULE ITEMS TOTAL				

	LABOUR NON-SCHEDULE ITEMS	FROM	TO	HOURS	RATE R c		TOTAL R	
	ARTISAN							
	LABOURER							
	TRANSPORT COST FROM ----TO		PAGE & SCHEDULE NO:	KILOMETRES				
				LABOUR & TRANSPORT TOTAL				
				SCHEDULE AND NON-SCHEDULE ITEMS TOTAL				
				TOTAL				
				VAT				
				GRAND TOTAL				

ARTISAN'S NAME: _____

COMPLETION DATE: _____

SIGNATURE: _____

REMARKS

3. **THIS PORTION MUST BE COMPLETED BY THE COMPLAINANT/DESIGNATED OFFICER OF THE CLIENT DEPARTMENT**

I CERTIFY THAT I PERSONALLY CHECKED AND AM SATISFIED THAT THE WORK HAS BEEN EXECUTED SATISFACTORILY. I HAVE RECEIVED THE SCRAP MATERIAL. (I DO NOT CERTIFY THE TECHNICAL CORRECTNESS)

NAME: _____ TELEPHONE NUMBER: _____

DESIGNATION: _____ SIGNATURE: _____ DATE: _____

OFFICE STAMP

RETAIN COPY FOR AUDIT PURPOSES

4.1

FOR DEPARTMENTAL USE

	State
	Hire
	Inspection
	Telephonic confirmation by: _____
	Number: _____

4.2

FOR DEPARTMENTAL USE

The work has been done

Signature: _____
Name: _____
Designation: _____
Date: _____

LIMPOPO
PROVINCIAL GOVERNMENT
REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF
PUBLIC WORKS, ROADS
AND INFRASTRUCTURE

PART C3 SCOPE OF WORKS

C3.1 SCOPE OF WORKS

1. DESCRIPTION OF THE WORKS

1.1. Objective

The Limpopo Department of Public Works, Roads and Infrastructure invites tenders for the supply, delivery, installation, preventative maintenance, repairs and servicing of fire protection systems and equipment, for a period of three years in the Limpopo department of public works road and infrastructure (LDPWRI) ***without a guarantee of the quantum of work***

The objective is to maintain the serviceability of the fire extinguishers, hose reels and hydrants, symbolic safety signage, fire sprinkler system and fire detection system at various facilities under the ownership of LDPWRI in a sustainable manner at the lowest operating and maintenance costs while ensuring compliance to general safety and related legislations. The Contractor will maintain all the Fire extinguishers, hose reels and hydrants at the facilities as described in the Overview of the works below. The specifications and requirements in this document comprise the description of the Works.

LDPWRR&I or any other department or organs of state including Municipalities and State Owned Entities may make use this contract and issue Task Orders for work falling within the scope of the contracts.

1.2. Overview of the works

In brief, the Contractor will be responsible for maintaining the fire extinguishers, hose reels and hydrants, fire sprinkler system and fire detection system at various facilities by ensuring compliance to the SANS 10400, SANS 1475, OSH Act (No. 85 of 1993), general safety and related legislation.

2. Legislative Requirements

a) The service provider will be responsible for the provision of maintenance of fire equipment in accordance with these specifications, applicable legislation and regulations and industry standards.

b) The service provider must comply in full with all legislative requirements relating to the provision of maintenance of fire services.

c) The workmanship under this contract must be in compliance with applicable S.A.B.S. standards, the Occupational Health and Safety Act. 85 of 1993, Fire Department, and Local Authority By-Law's.

d) The bidder must be registered for specialist "fire prevention works" with the Construction Industry Development Board (CIDB). The minimum grading and classification is Grade 3 SF.

e) It is further preferred that the bidder is registered with the Fire Fighting Equipment Traders Association (FFETA). Valid proof of registration should be attached to the bid response.

f) The bidder's procedures for the procurement, storage, handling, transporting, application and general use of chemicals, equipment and tools must comply with applicable fire protection equipment maintenance legislation, regulations, and minimum industry standards, the latter set out in the next section.

3. Industry Standards

Inspections and service requirements for extinguishers, hose reels and hydrants, as per these specifications, should take account of at least the below mentioned standards, as they apply to each equipment type:

- SANS 10400 – National Building Regulations
- SANS 10287 – Automatic sprinkler installations for fire-fighting purposes
- SANS 322 – Fire detection and alarm systems for hospitals

- SANS 306 – Fire extinguishing installations and equipment on premises (Gas suppression)
- SANS 1475 – Portable and Mobile fire extinguisher
- SANS 10139 - Fire detection and alarm systems for buildings - system design, installation and servicing.
- SANS 1186 - Symbolic safety signs
- OHSA – PER

In instances where a bidder has to replace and install any fire gaseous extinguishing systems, which follows nationally recognised codes and standards, the following applies:

- SANS 369 – Operation of Fire Protection Measures
- SANS 306 – Carbon Dioxide Fire Extinguishing Installations
- SANS 14520 – Gaseous Fire Extinguishing Systems (Clean Agents).
- SANS 1825 – Gas cylinder test stations (CO_2 fire sprinklers)

4. Suggested Maintenance Programmed for equipment to be maintained. 4.1. Fire Hydrants and Fire Hose Reels

- Perform inspection and service annually in line with the latest SANS 10400 & 1475-2 regulations and manufacturer's requirements.
- Perform fault-finding.
- Reporting of all faults and faulty equipment found during the inspection and service immediately.
- Perform repairs and refurbishment as and when required.
- Submit periodic reports and certificates of compliance on all planned and reactive work carried out within 3 days.

4.2. Fire Extinguishers

- Perform inspection and service annually in line with the latest SANS 10400 & 1475-1 regulations and manufacturer's requirements.
- Perform 5 yearly pressure testing in line with the latest SANS 10400 & 1475-1 regulations and manufacturer's requirements.
- Reporting of all faults and faulty equipment found during the inspection and service immediately.
- Perform other repairs as and when required.
- Check by weighing the extinguishers and cartridges where applicable
- Topping up or recharging the fire extinguishers, where applicable
- Testing the working parts of the appliances
- Check and ensure the accessibility of the equipment
- Check on the accessibility of exists, passageways etc
- Enter particulars of the inspection, tests and service carried out onto the record card appropriate to each of the fire appliances
- Submit service reports and certificates of compliance on all planned and reactive work carried out within 3 days.

4.3. Fire Sprinkler System

Valves

Within six weeks from the beginning of the contract, all defective valves must be overhauled according to ASIB (Automatic Sprinkler Inspection Bureau) regulations. The overhaul will be of such a nature that any defect occurring during the contract period shall be for the account of the contractor. With regular monthly inspections check for leakage and that, valves are secured in the right positions with the required locking mechanisms.

Minimum requirements:

- Replace front cover gasket
- Replace valve clack seating
- Replace all test valve and drain valve settings
- Replace compensatory where it is fitted as a separate unit, clean and reground
- Repack main stop valve gland
- Clean annular groove
- Polish alarm valve clack spindle
- Check and record water pressure (kPa)
- Repack glands of all minor valves
- Secure all handles
- Where an annubar test valve is fitted, it must be overhauled
- Fix metal date tag
- Leave old seating in valve house
- All valves must be of such a nature that when it is hand tight it must not be leaking
- Valves must be left in correct position and secured with chain or strap with padlocks
- Paint all valves and pipe work
- Record all pressures on relevant gauges
- All valves must be checked for leakage and correct functioning

Reservoir tanks

Reservoirs must be checked every month for the following:

- Check if tanks are free of leaks, if not, repair
- Check all stop valves free and in good condition, if not repair and replace as required
- All valves must be secured in right position
- Check ball valves for correct operation, if not repair or adjust
- Tank indicator must be greased and free moving
- Check if tank indicator float is secured, if not fix and adjust
- Check water level and adjust
- Check that tank lids are closed
- Check all piping and valves, fix paint repair if required
- Check that main supply valve is open and secured, provide chain and lock if required

Jockey pumps

Pumps should be tested with every monthly service. At the beginning of the contract term, the motor as well as the pump must be checked for excessive wear on the shafts and other moving parts.

- An ampere reading should be taken
- Start the pump both manually as well as automatically
- After starting make sure that the switch is returned to automatic setting
- Do not run the pump too long on manual as the system can over pressurise
- Check for bearing noise and vibration
- Check that the bearings are greased
- Check glands for leakage
- Record pressures

Pumps

At the beginning of the contract term all pumps should be given a major service and repeated annually. The service is as follow:

- Check for bearing noise and excessive vibrations
- Grease all bearings
- Replace gland packing
- Inspect all moving parts for excessive wear
- Check that pumps reach required pressures

Gauges service

With every monthly service all pressures should be recorded. The proper operation of the gauges should also be checked. Gauges should be of the specified size.

Pipe work service

Every month all pipe work should be checked for leakage. If any alterations were done to the building that requires the modification of the sprinkler system, it should be brought under the attention of the duly appointed LDPWRI representative without any delays.

All fastening devices should be checked. It is the contractor's responsibility to see to it that all pipe work conforms to the standard lied down by regulations. This includes the layout of the grid and the number of required sprinklers in the system.

It will be the contractor's responsibility to ensure a clear ASIB certificate.

4.4. Fire Detection System

Fire control panel

- Control panels shall at all times be in a good working condition
- All indicator lights on panels shall be fully operational
- All switches shall be working correctly
- The different functions on the control panel shall be marked clearly according to regulation

Manual Call points, Detectors, alarms, batteries

- Testing of manual call points
- Testing of smoke and heat detectors
- Testing of sirens and sounders
- Visual alarms must be at all times in a working condition.
- Back up batteries for fire panel must be replaced when contract starts and must be maintained and tested.

Quarterly and annual services /maintenance on all fire detection systems listed above will be as follows:

Quarterly Service:

- Log book analysis - Prepare for testing by reading through the log book. Any corrective action that has not yet been taken should be noted and carried out during the service.
- Service and pre-service check - Use the panel menu to take a print out of all the sensors that are in a "service" or "pre-service" condition. This indicates that they are contaminated. Exchange these points with replacement units where necessary, set to the same address. Dirty sensors can be sent for cleaning.
- Analogue values check - Use the panel menu to generate printer reports of device analogue values. Compare these values to the permitted values for each point. Replace faulty devices or repair wiring.
- Configuration check - Connect "Planner" to the panel and print out a complete system configuration from the panel software. Compare this to the system specification and verify that the system zoning, input - output mapping and other settings have not been changed.
- Test the alarms - Test one sensor or cellpointer in each zone. Activate each point in turn, checking that the sounders/sirens are operational and that the panel reacts correctly.
- Check that signals to auxiliary systems such as the Fire Station, air-conditioning, building management systems, graphics displays or remote indicators, all function correctly.
- Fault tests - Remove one sensor in the system and check that the panel correctly reports the event. Accept the fault, replace the sensor and reset the panel.
- Panel controls test - Check that all control functions are operating correctly.
- Monitor earth leakage - On systems with the earth leakage monitoring enabled, this feature should be tested. Apply a short (create a fault) between the positive leg of the Z-loop and earth, checking that the panel indicates an earth leakage fault. Repeat, using the negative leg of the Z-loop.
- Connection tests - Make sure that all terminal screws are tight and cables inside the panel are secure. Check that all printed circuit boards (PCB`s) appear to be in good working condition, are free of dust and securely mounted in the panel.
- Battery replacement checks - Make sure that the battery installed is sufficient to meet the system specifications. If not, then replace it with a suitable one.
- Check if the battery replacement date will be passed before the next service. If so, replace the battery. The age of the battery should be marked on it with a label, or refer to the logbook. Batteries should

be replaced at least every four years, or more frequently in high temperature environments. Refer to manufacturer literature.

- Battery operation checks - Check that the battery is healthy. One method is to conduct an "all-sounders on" operational test with the mains off and the system running on batteries. This will test the batteries under a full load. The battery voltage should be monitored during this test and should not fall below 24 volts.
- Remove one battery terminal and verify that the system reports a battery fault. Replace terminal, ensure that it is tight, and reset the panel. Clean the battery with a damp cloth and lightly lubricate any exposed terminals with petroleum jelly if necessary.
- Time and Date set - Set the correct time and date on the panel, if necessary.
- Completion of service - Restore the system to normal condition, re-enable any disabled devices, reconnect any disconnected devices, re-connect all external systems that were disconnected for the testing, and ensure that the system is left in a 100% working condition. Advise all staff and the remote manned centre that testing is complete, and that any alarm now received must be treated as real.

Annual Service:

The annual service includes:

- Input - Output configuration test - Using a fairly large representative sample, verify by testing that the input-output mapping operates as programmed. Activate an input, such as a sensor, call point, or interface unit, and verify that the correct outputs operate. Also check that the outputs function correctly, for example, that they pulse, or operate continuously, that any delays operate correctly, etc.
- Building changes check - Visually check that the internal structural layout of the building, including inter-office partitioning, has not changed from the system specification to such an extent that it may affect the efficient operation of the fire alarm system.
- Completion of service - Restore the system to normal condition, re-enable disabled devices, re-connect any disconnected devices, re-connect all external systems that were disconnected for the testing, and ensure that the system is left in 100% working condition. Advise all staff and the remote manned centre that testing is complete, and that any alarm now received must be treated.

5. Service Level Agreement

Operational hours

Normal operational hours shall be from 07:30 to 17:00 for every day of the year but will be confirmed/amended by the Property Manager from time to time. The Contractor must allow for sufficient after-hours work for scheduled work not to interfere with the office operations.

Minimum Staffing Schedule

The Contractor must maintain the following minimum staff available at all times and should price accordingly

Skill	Quantity	Days per week	Hours
Fire Engineer/Technologist	1	5	When required
SAQCC Technician	1	5	Mon-Fri (08:00-17:00)
Assistant	1	5	Mon-Fri (08:00-17:00)

The Contractor must have additional resources available to attend to lengthy breakdowns or breakdowns of a specialized nature. It shall be the Contractor's responsibility to ensure that all relevant labour and safety legislation is adhered to in rostering staff.

Response Times

All breakdowns **during normal working hours** shall be responded to within 6hours. Response time shall be measured as the time taken from reporting the call, to the technician arriving at the relevant piece of equipment. All breakdowns **after hours** shall be responded to within 6 hour. Response time shall be measured as the time taken from reporting the call, to the technician arriving at the relevant piece of equipment.
Any breakdown impacting on operations shall be attended-to until restored to good reliable condition. This implies that no breakdown may be left unattended or incomplete for the next day or shift.

LDPWRI will hold the Contractor liable for any costs incurred by any party as a result of negligence or unreasonable poor performance by the Contractor including excessive time taken to effect repairs.

Defect Free Period

The defect free period is defined as that period following completion of the work where no defect directly associated with the Contractors workmanship is detected.

Benchmarks

a. Corrective or breakdown maintenance, defect free period will be no less than 90 days.
b. Preventive maintenance, defect free period will be no less than the interval between preventive maintenance. This implies that the repair of any failure as detailed will be for the contractors own account should the failure having occurred as a direct result of the contractor's deficiency.
c. Project maintenance, the defect free period will be no less than 3 months.

Notification of Penalties

The employer's representative will notify the contractor in writing of any penalties and any claims directed at LDPWRI as a result of the equipment being unavailable and will be for the account of the Contractor.

Failure to meet service levels:

Defect free period: Any corrective work resulting directly from defect workmanship will be the responsibility of the contractor. Where the contractor fails to correct the defect within 48 hours, LDPWRI reserves the right to use an alternative contractor, the cost of which will be withheld from outstanding invoice amounts.

Safety and housekeeping: It is expected that Contractors will maintain high standards of safety and housekeeping to safeguard passengers, personnel and facilities. No infringements will be allowed during the period of this contract.

Should a safety and housekeeping infringement be committed, a penalty of R 500.00 (two thousand rand) will be retained from the following months invoice. Should a specific individual be guilty of all the infringements, LDPWRI reserves right to instruct the Contractor to remove the individual from site.

The employer's representative may request the replacement of a non-performing Contractor staff member: In the event that a Contractor staff member assigned to this contract has proven to be not satisfactory in his performance, incompetent or negligent in performing his duties, the employer 's representative may request that such a staff personnel be replaced. The timing will be discussed and agreed by both parties but shall not exceed two months.

6. Maintenance Record Sheets

When maintenance is performed, record sheets must be completed and signed off by the Technician.

These record sheets must be stored for the duration of the contract and should be available for inspection at any time. The lack of complete history files will result in immediate cancellation of the contract.

All record sheets, job cards, history reports etc. will be the property of LDPWRI and should be available on request. At the end of the contract period a complete set of documentation must be handed over to LDPWRI.

The contractor shall further provide copies of these record sheets to LDPWRI contract manager by the fifth day of every month. No money will be paid out if record sheets are not handed in.

C.3.2 SPECIFICATIONS

1. Performance Specification

2. General

The contractor's performance will be measured against the following four parameters:

I. Minimum incidence of faults

II. Minimum down-time

III. Good record and housekeeping

IV. Optimal service costs

Operational efficiency will be evaluated against the standard set out above. The statistics will be recorded and set out in the monthly report submitted to the Districts, by the contractor.

3. Performance Standard

The contractor shall restore the system and maintain it to ensure the successful operation thereof. For this purpose, the minimum requirements shall be an availability of the overall system at each of the sites of 95% for fire protection system.

Availability shall be defined as:

$$\text{Availability} = \frac{(Ti - tdi) \times 100}{Ti}$$

Where:

Ti = the length of the time interval i for the applicable month under consideration expressed in hours

Tdi = the total of the MTTR'S for the site duration the time interval i for the applicable month under consideration expressed in hours

MTTR = the mean time to repair the system as determined from the fault/service/repair log-book and shall be equivalent to the sum of all the times that the system or any part of the system does not conform to the operational requirements.

Example Calculation:

Month of April has 30 days @ 24 hours = 720 hours for 24 hours operation per day Ti =

720 hours

During the month 3 breakdowns occurred, each with response time of 9 hours and a repair time of 5 hours

Sum of MTTR's = 3 x (9 + 5) = 42 ..tdi = 42 hours

Therefore, Availability = $\frac{720 - 42 \times 100}{720}$ = 94%

The onus shall rest on the contractor to submit the necessary motivation to the Department for its consideration and decision for MTTR periods, that the contractor considers to have been caused by factors outside his control and which should not be included in the calculations, e.g. malicious damage, lightning etc. Actual equipment must be presented as proof on site before being removed and repairs undertaken.

The final availability of the system will be measured separately at each of the Regions over a period of thirty day intervals. The final availability in terms of the contract shall be : Availability = $\frac{(720 - td) \times 100}{720}$

Where td is the sum of all MTTR's for the sites during the 30 day period under consideration expressed in hours.

4. Guarantee of Performance

The contractor shall guarantee the performance availability of the system as determined in paragraph 1.2 above. In the event of the contractor failing to achieve the specified system availability, the contractor shall pay a penalty of R500.00 per percentage point per month that the availability is below the specified availability figure.

Apart from the specified availability it is a requirement of this contract that the contractor shall respond within sis (6) hours to any call-out. An amount of R500.00 per hour will be deducted for every hour that the response time is exceeded.