

PA 32: INVITATION TO BID PART A

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE (NAME OF DEPARTMENT/ PUBLIC ENTITY)			
BID NUMBER:	ID 173476	CLOSING DATE:	03/07/2023
		CLOSING TIME:	11:00
DESCRIPTION	6 MONTHS SERVICE AND MAINTENANCE OF AIR CONDITIONING AT FORENSIC SILVERTON (GROUP 5)		
THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (DPW04.1 GS or DPW04.2 GS). BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT (STREET ADDRESS)			
251 NANA SITA STREET			
CNR NANA SITA & THABO SEHUME STREET			
PRETORIA.			
OR POSTED TO:			
PRIVATE BAG X229			
PRETORIA, 0001			
SUPPLIER INFORMATION			
NAME OF BIDDER			
POSTAL ADDRESS			
STREET ADDRESS			
TELEPHONE NUMBER	CODE	NUMBER	
CELLPHONE NUMBER			
FACSIMILE NUMBER	CODE	NUMBER	
E-MAIL ADDRESS			
VAT REGISTRATION NUMBER			
	TCS PIN:	OR	CSD No:
SIGNATURE OF BIDDER	DATE	
CAPACITY UNDER WHICH THIS BID IS SIGNED (Attach proof of authority to sign this bid; e.g. resolution of directors, etc.)			

TOTAL NUMBER OF ITEMS OFFERED		TOTAL BID PRICE ('ALL APPLICABLE TAXES)	R
BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO:		TECHNICAL INFORMATION MAY BE DIRECTED TO:	
DEPARTMENT/ PUBLIC ENTITY	PUBLIC WORKS & INFRASTRUCTURE	CONTACT PERSON	N. VELE
CONTACT PERSON	MS. M. MANALA	TELEPHONE NUMBER	082 938 3342
TELEPHONE NUMBER	012 492 3020	FACSIMILE NUMBER	N/A
FACSIMILE NUMBER	N/A	E-MAIL ADDRESS	NDEMEDZO.VELE@DPW.GOV.ZA
E-MAIL ADDRESS	MMABORE.MANALA@DPW.GOV.ZA		

PART B TERMS AND CONDITIONS FOR BIDDING

1. BID SUBMISSION:

- 1.1. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.
- 1.2. ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED–(NOT TO BE RE-TYPED) OR ONLINE
- 1.3. BIDDERS MUST REGISTER ON THE CENTRAL SUPPLIER DATABASE (CSD) TO UPLOAD MANDATORY INFORMATION NAMELY: (BUSINESS REGISTRATION/ DIRECTORSHIP/ MEMBERSHIP/IDENTITY NUMBERS; TAX COMPLIANCE STATUS; AND BANKING INFORMATION FOR VERIFICATION PURPOSES).
- 1.4. WHERE A BIDDER IS NOT REGISTERED ON THE CSD, MANDATORY INFORMATION NAMELY: (BUSINESS REGISTRATION/ DIRECTORSHIP/ MEMBERSHIP/IDENTITY NUMBERS; TAX COMPLIANCE STATUS MAY NOT BE SUBMITTED WITH THE BID DOCUMENTATION.
- 1.5. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT 2000 AND THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER LEGISLATION OR SPECIAL CONDITIONS OF CONTRACT.

2. TAX COMPLIANCE REQUIREMENTS

- 2.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.
- 2.2 BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VIEW THE TAXPAYER'S PROFILE AND TAX STATUS.
- 2.3 APPLICATION FOR TAX COMPLIANCE STATUS (TCS) OR PIN MAY ALSO BE MADE VIA E-FILING. IN ORDER TO USE THIS PROVISION, TAXPAYERS WILL NEED TO REGISTER WITH SARS AS E-FILERS THROUGH THE WEBSITE WWW.SARS.GOV.ZA.
- 2.4 BIDDERS MAY ALSO SUBMIT A PRINTED TCS TOGETHER WITH THE BID.
- 2.5 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE PROOF OF TCS / PIN / CSD NUMBER.
- 2.6 WHERE NO TCS IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.

3. QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS

- 3.1. IS THE BIDDER A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)? YES NO
 - 3.2. DOES THE BIDDER HAVE A BRANCH IN THE RSA? YES NO
 - 3.3. DOES THE BIDDER HAVE A PERMANENT ESTABLISHMENT IN THE RSA? YES NO
 - 3.4. DOES THE BIDDER HAVE ANY SOURCE OF INCOME IN THE RSA? YES NO
- IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN, IT IS NOT A REQUIREMENT TO OBTAIN A TAX COMPLIANCE STATUS / TAX COMPLIANCE SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 ABOVE.

NB: FAILURE TO PROVIDE ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID.

Note Well:

- a) In respect of non VAT vendors the bidders may not increase the bid price under Section 67(1) of the Value Added Tax Act of 1991 where the relevant transaction would become subject to VAT by reason of the turnover threshold being exceeded and the bidder becomes liable for VAT.
- b) **All delivery costs must be included in the bid price, for delivery at the prescribed destination.**
- c) The price that appears on this form is the one that will be considered for acceptance as **a firm and final offer.**
- d) The grand total in the pricing schedule(s), inclusive of VAT, attached to the bid offer must correlate and be transferred to this form (PA32).
- e) Where there are inconsistencies between the grand total price offer in the pricing schedule(s) and the PA32 price offer, the price offer on the PA32 shall prevail and deemed to be firm and final. No further correspondence shall be entered into in this regard.

¹ All applicable taxes" includes value- added tax, pay as you earn, income tax, unemployment insurance fund contributions and skills development levies

PA-03 (EC): NOTICE AND INVITATION FOR QUOTATION

THE DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE INVITES QUOTATIONS FOR:

Project title:	6 MONTHS SERVICE AND MAINTENANCE OF AIR CONDITIONING AT FORENSIC SILVERTON (GROUP 5)
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Quotation no:	ID 173476	Reference no:	ID 173476
Advertising date:	26/06/2023	Closing date:	03/07/2023
Closing time:	11:00	Validity period:	30 Calendar days

1. REQUIRED CIDB GRADING

It is estimated that tenderers should have a CIDB contractor grading designation of **2 ME or higher, or 2 ME*** or higher.

**Select tender value range and select class of construction works" or select "Not applicable" where only one class of construction works is applicable.*

It is estimated that potentially emerging enterprises should have a CIDB contractor grading designation of **Not applicable Not applicable PE or higher, or Not applicable Not applicable PE*** or higher.

**Select tender value range and select class of construction works" or select "Not applicable" where no or only one class of construction works is applicable.*

2. RESPONSIVENESS CRITERIA

2.1 Substantive responsiveness criteria

Only tenderers who are responsive to the following substantive responsiveness criteria are eligible to submit tenders. Failure to comply with the criteria stated hereunder shall result in the tender offer being disqualified from further consideration:

1	<input checked="" type="checkbox"/>	Only those tenderers who satisfy the eligibility criteria stated in the Tender Data may submit tenders.
2	<input checked="" type="checkbox"/>	Tender offer must be properly received on the tender closing date and time specified on the invitation, fully completed either electronically (if issued in electronic format), or by writing legibly in non-erasable ink. (All as per Standard Conditions of Tender).
3	<input checked="" type="checkbox"/>	Use of correction fluid is prohibited.
4	<input checked="" type="checkbox"/>	Submission of (DPW-07 EC): Form of Offer and Acceptance.
5	<input type="checkbox"/>	Submission of DPW-16 (EC): Site Inspection Meeting Certificate.
6	<input type="checkbox"/>	Submission of record of attending compulsory virtual bid clarification / site inspection meeting.
7	<input checked="" type="checkbox"/>	Submission of DPW-21 (EC): Record of Addenda to tender documents.
8	<input checked="" type="checkbox"/>	The tenderer shall submit his fully priced Bills of Quantities / Lump Sum Document (complete document inclusive of all parts) together with his tender.

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9	<input checked="" type="checkbox"/>	Submission of (PA-16): Preference Points Claim Form in terms of the Preferential Procurement Regulations 2022
10	<input checked="" type="checkbox"/>	All parts of tender documents submitted must be fully completed in ink and signed where required
11	<input type="checkbox"/>	The tenderer shall submit his fully priced and completed sectional summary- and final summary pages with the tender.

2.2 Administrative responsiveness criteria

The Employer reserves the right to request further information regarding the undermentioned criteria. Failing to submit further clarification and/or documentation within seven (7) calendar days from request or as specifically indicated, will disqualify the tender offer from further consideration.

1	<input checked="" type="checkbox"/>	Any correction to be initialled by the person authorised to sign the tender documentation as per PA 15.1 or PA 15.2 resolution of board/s of directors / or PA15.3 Special Resolution of Consortia or JV's .
2	<input checked="" type="checkbox"/>	Submission of applicable (PA-15.1, PA-15.2, PA-15.3): Resolution by the legal entity, or consortium / joint venture, authorising a dedicated person(s) to sign documents on behalf of the firm / consortium / joint venture.
3	<input checked="" type="checkbox"/>	Submission of DPW-09 (EC): Particulars of Tenderer's Projects.
4	<input checked="" type="checkbox"/>	Submission of (PA-11): Bidder's disclosure.
5	<input checked="" type="checkbox"/>	Submission of (PA 40): Declaration of Designated Groups for Preferential Procurement.
6	<input checked="" type="checkbox"/>	Submission of proof of Registration on National Treasury's Central Supplier Database (CSD).
7	<input type="checkbox"/>	Submission of DPW-15 (EC): Schedule of proposed sub-contractors
8	<input type="checkbox"/>	The tenderer shall submit his fully priced Bills of Quantities (complete document inclusive of all parts) within 14 days from request.
9	<input type="checkbox"/>	Upon request, submission of fingerprints obtainable from local SAPS including any other additional documentation and information required for vetting purposes.
10	<input type="checkbox"/>	Upon request, submission of a fully completed security clearance application form with supporting documentation and information as required. The security clearance form will be provided by the Employer for projects requiring a security clearance.
11	<input type="checkbox"/>	Submission of (PA – 36 and Annexure/s C): Declaration Certificate for Local Production and Content for designated sectors.
12	<input checked="" type="checkbox"/>	Submission of PA-29
13	<input checked="" type="checkbox"/>	Submission of certified copy of Diploma /Degree in Mechanical/Electro Mechanical/ Mechanical Certificate
14	<input type="checkbox"/>	
15	<input type="checkbox"/>	

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3. Method to be used to calculate points for specific goals

<u>For procurement transaction with rand value greater than R2 000, 00 and up to R1 Million (Inclusive of all applicable taxes) the specific goals listed below are applicable.</u>		
	An EME or QSE which is at least 51% owned by black people	10 Points
<input checked="" type="checkbox"/>	An EME or QSE which is at least 51% owned by women	4 Points
	An EME or QSE which is at least 51% owned by people with disabilities	2 Points
	An EME or QSE which is at least 51% owned by youth	2 Points
	Located in a specific Municipality or District Municipality or Metro or Province area for work to be done or services to be rendered in that area	2 Points

4. Indicate the functionality criteria if applicable to this bid: *not applicable*

Note: All bids involving the acquisition of engineering and construction works from cidb Grade 4 and above are subjected to functionality.

Note: Functionality will be applied as a prequalification criterion. Such criteria are used to establish minimum requirements where after bids will be evaluated solely on the basis of price and preference.

Functionality criteria:	Weighting factor:
Total	100 Points

(Weights for functionality must add up to 100. Weightings will be multiplied by the scores allocated during the evaluation process to arrive at the total functionality points)

Minimum functionality score to qualify for further evaluation:

(Total minimum qualifying score for functionality is 50 Percent, any deviation below or above the 50 Percent, provide motivation below)

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

5. BID EVALUATION METHOD

This bid will be evaluated according to the 80/20 Preference points scoring system:

<input checked="" type="checkbox"/> 80/20 Preference points scoring system

6. ELIGIBILITY IN RESPECT OF RISK TO THE EMPLOYER:

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

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

In order for the evaluation reports to be prepared by the Professional Team, the Tenderer is obliged to provide comprehensive information on form DPW-09 (EC). Failure to complete the said form will cause the tender to be declared non-responsive and removed from any further consideration. The Employer reserves the right to request additional information over and above that which is provided by the Tenderer on said form. The information must be provided by the Tenderer within the stipulated time as determined by the Bid Evaluation Committee, failing which the tender offer will *mutatis mutandis* be declared non-responsive.

6.1 Technical risks:

Criterion 1: Experience on comparable projects during the past years.

The tendering Service Provider's experience on comparable projects during the past s years. The number of current and previous comparable projects performed by the Tenderer as per the evaluation report prepared by the Consultant Team, based on its research and inspection of a representative sample of the Tenderer's current and previous work as reflected on form DPW-09 (EC), as well as, if necessary, of any additional work executed by the Tenderer, not reflected on form DPW-09 (EC). Failing to provide contactable references will result in the tender offer will be *mutatis mutandis* declared non-responsive.

Aspects to be regarded as "comparable" includes (but may be extended according to circumstances): size of projects (measured against monetary value or other project quantifying parameters), nature of projects (building, engineering, high/low rise, etc.), locality/area of execution (site-specific influences, knowledge of local conditions, etc.), complexity of project, projects for similar client department irrespective of end purpose of buildings/facilities created or in progress of being created and time scales of projects (normal, fast track, etc.) and stage of its/their development.

Criterion 2: Contractual commitment and quality of performance on comparable projects during the past years.

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

Adherence to contractual commitments and quality of performance of comparable current and previous projects performed by the Tenderer during the past pecify between 5 and 10 years as per the evaluation report prepared by the Consultant Team, based on its research and inspection of a representative sample of the Tenderer's current and previous work as reflected on form DPW-09 (EC), as well as, if necessary, of any additional work executed by the Tenderer.

Aspects to be considered include, but are not limited to the following:

1. The level of progress on current projects in relation to the project programme or, if such is not available/applicable, to the contractual construction period in general;
2. The degree to which previous projects have been completed within the contractual completion periods and/or extensions thereto, and the extend of penalties imposed;
3. Project performance: time management & programming of works, timeous ordering of materials and appointment of subcontractors;
4. Financial management: payment to suppliers and cash flow problems;
5. Quality of workmanship: extent of reworks and timeous attention to remedial works;
6. Personnel resources: suitably qualified and experienced, turnover in site staff and labour force, specifically site manager and foreman;
7. Personnel management: extent of labour disputes and ability to resolving labour disputes amicably;
8. Sub-contractors: extent of turnover in subcontractors, general liaison and payment problems experienced;
9. Contract administration: contractual aspects such as complying to laws and regulations, insurances, security, submission of required documentation timeously, reaction to written contract instructions, appointments of subcontractors, etc. as can generally be expected in standard/normal conditions of contract.
10. Health & Safety: adherence to regulations and compliance, and number of transgressions & serious incidents.
11. Plant & equipment: sufficient resources on site and in time.
12. Delays: extent of causing delays, submission of claims timeously, and abuse of or exaggerated delay claims.
13. Final account: extent to which the contractor assisted in finalising the final account.

Criterion 3: Suitably qualified and appropriately experienced human resources

Allocation of suitably qualified and appropriately experienced human resources, both in respect of principals and/or other staff (contract manager, site agent, site foreman including other professional, technical and/or administrative) of the tendering Service Provider to the project, as proof that the tendering Service Provider will be able to react/respond appropriately to the Services required herein. The Company Organogram with CV's and certified ID's of all principals and employed workforce as well as proof of Professional Registration will be verified. Current and future workload of the tenderer in relation to capacity and capability will also be considered. The tenderer should demonstrate that he or she possesses the necessary professional and technical qualifications and -competence in relation to the scope of work and work to be undertaken.

Criterion 4: Attendance of compulsory bid clarification meeting, if applicable

If applicable, submission of confirmation of DPW-16.1 (PSB) attendance of compulsory bid clarification meeting or proof of attending the compulsory virtual meeting by a suitably qualified and experienced representative of the tenderer in terms of PA-04 (EC): Notice and Invitation to Tender.

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6.2 Commercial risks:

The financial viability assessment evaluates the risk over the life of the construction period, as to whether the tenderer will be able to deliver the goods and services which are specified in the contract and / or be able to fulfil guarantees or warranties provided for in the contract in order to complete the project successfully for the amount tendered.

Aspects to be considered include but are not limited to, the respective rates tendered, bank rating, financial capability and capacity whether the tenderer has or has access to sufficient financial resources to deliver the goods or services described in the tender documentation (including fulfilling any guarantees or warranty claims), whether the tenderer is not subject to any current or impending legal action (either formal proceedings or notification of legal action) which could impact on the financial standing of the tenderer or the delivery of the goods or services, financial report from auditors as proof of current liquidity, and company or any parent company or investor guarantee/s and financial statements.

7. COLLECTION OF TENDER DOCUMENTS

- Bid documents are available for free download on e-Tender portal www.etenders.gov.za
- Alternatively; quotation documents may be collected during working hours at the following address **insert physical address**. A non-refundable bid deposit of **R insert amount** payable (cash only) on collection of the bid documents.

8. SITE INSPECTION MEETING

A pre-tender site inspection meeting will **be** held in respect of this tender.
Attendance of said pre- tender site inspection meeting is **select**

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

Venue:			
Virtual meeting Link:	(type in here the place or "N/A")		
Date:		Starting time:	

9. ENQUIRIES

Enquiries related to tender documents may be addressed to:

DPWI Project Manager:	N. Vele	Telephone no:	
Cellular phone no:	082 938 3342	Fax no:	
E-mail:			

Quotation no: ID 173476

10. DEPOSIT / RETURN OF QUOTATION DOCUMENTS

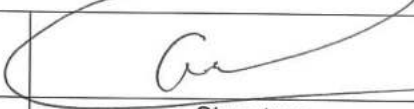
Telegraphic, telephonic, telex, facsimile, electronic and / or late tenders will not be accepted.

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

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

<p>Tender documents may be posted to:</p> <p>The Director-General Department of Public Works and Infrastructure Private Bag X 229 Pretoria 0001</p> <p>Attention: Procurement section: Room iG03</p>	<p>OR</p>	<p>Deposited in the tender box at:</p> <p>cnr Nana Sita & Thabo Sehume AVN Pretoria 0001</p>
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11. COMPILED BY:

M. Manala		26/06/2023
Name of Project Manager	Signature	Date

SCHEDULE 1: SERVICE SCHEDULE FOR AIR CONDITIONING AND VENTILATION PLANTS

PRICES FOR SERVICING

QUARTERLY/BI-ANNUAL SERVICE FOR AIR CONDITIONING AND AIR VENTILATION PLANTS AT MAGISTRATE COURTS; MILITARY BASE; POLICE STATIONS; CORRECTIONAL SERVICES AND OTHER CLIENTS DEPARTMENTS.

DEPARTMENTS:

Note: - 1 Description of the service required entails the following: The servicing of the units as per the attached checklist. Annexure A, B, C and D

2. Prices for servicing include checking of equipment and topping of gas or oil when its low as stipulated in annexure A , B , C and D must, include , labour, transport, consumables, minor and incidental repairs and all other overheads.
3. Prices are to be calculated in totals and all totals be carried over to the summary page.

Description of property

4. South African Police Service Complex (SAPS) consist of split units; package units and ventilation units in offices; board rooms; server rooms, mobile homes, workshops and barracks.
5. Military Bases consists of split units; ventilation units; package units; under ceiling units in offices, workshops; hospitals and boardrooms.
6. Correctional Services: Prisons consist of split units and package units in offices; boardrooms and workshops.
7. Magistrate courts consists of chilled water plants; air ventilation plants; package units; AHU; console units; etc. in offices and courtrooms.
8. Other clients include Department of Labour; Home Affairs; Agriculture; Higher Education; Culture and Health. The list below indicates the complexes which require regular services.

Item No	Description Servicing	Qty	Unit Price/Service	Amount
1	Window units	1		
2	Under ceiling	1		
3	Cassette unit	1		
4	AHU	1		
5	Spit unit	1		
6	Water treatment	1		
7	Central plant	1		
8	Fresh air unit	1		
9	Coil unit	1		
10	Hide away unit	1		
11	Package unit	1		
12	Roof space unit	1		
13	Console unit	1		
	Total for Table 1			

SCHEDULE 2: AIR CONDITIONING AND AIR VENTILATION PARTS FOR REPLACEMENT

Item No	Description Parts	Qty	Unit Price/Service	Amount
14	Complete replacement three phase motor 11KW	1		
15	Parts three phase motor 11KW			
15.1	Mechanical seals	1		
15.2	Shaft	1		
15.3	Couplings	1		
15.4	Bolts and nuts	1		
15.5	Oil seals	1		
15.6	Bearings	1		
16	Complete replacement three phase motor 5KW	1		
17	Parts three phase motor 5KW			
17.1	Mechanical seals	1		
17.2	Shaft	1		
17.3	couplings	1		
17.4	Bolts and nuts	1		
17.5	Oil seals	1		
17.6	Bearings	1		
18	Complete replacement of water pump 4KW	1		
19	Parts for water pump 4KW			
19.1	Mechanical seals	1		
19.2	Shaft	1		
19.3	couplings	1		
19.4	Bolts and nuts	1		
19.5	Oil seals	1		
19.6	Bearings	1		
20	Complete replacement of water pump 5KW	1		
21	Parts for water pump 5KW			
21.1	Mechanical seals	1		
21.2	Shaft	1		
21.3	couplings	1		
21.4	Bolts and nuts	1		
21.5	Oil seals	1		
21.6	Bearings	1		
21.7	Gland packing	1		
22	Complete replacement of water pump 11KW	1		
	Total for Table 2			

Item No	Description Parts	Qty	Unit Price/Service	Amount
23	COMPRESSOR			
23.1	Rotary 9000BTU	1		
23.2	Rotary 12000BTU	1		
23.3	Rotary 18000BTU	1		
23.4	Rotary 30000BTU	1		
23.5	Rotary 36000BTU	1		
23.6	Rotary 50000BTU	1		
23.7	Rotary 80000BTU	1		
23.8	Rotary 100000BTU	1		
23.9	2520V UHMP2BA	1		
24	COMPRESSOR CHILLER PLANT			
24.1	25 HP compressor	1		
25	Insulation of Piping			
25.1	Replace 5x1x50mm/kg Rockwool	1		
25.2	Replace TPS non asbestos plaster/kg	1		
25.3	0.6mm Z250 galvanize cladding	1		
26	FAN MOTOR			
26.1	12000BTU	1		
26.2	18000BTU	1		
26.3	36000BTU	1		
26.4	50000BTU	1		
26.5	80000BTU	1		
26.6	100000BTU	1		
27	FAN MOTOR CHILLER PLANTS			
27.1	500 dia condenser fan motor	1		
27.2	650 dia condenser fan motor	1		
28	CHILLER PLANT FILTERS			
28.1	Panel filters wire support 500x500x50	1		
28.2	Pocket filter 500x500x50	1		
	Total for Table 3			

Item No	Description Parts	Qty	Unit Price/Service	Amount
29	Valves			
29.1	Reverse cycle valve	1		
29.2	Two-port seat valves: VZ/VZF	1		
29.3	Three way valve	1		
30	REFILL GAS BOTTLE			
30.1	Refill R22 refrigerant P/KG	1		
30.2	Refill 410 refrigerant P/KG	1		
31	TIME SWITCH			
31.1	Replace time switch	1		
32	COPPER TUBING.			
32.1	Replace copper tubing hard drawn 3/4 inch x P/m	1m		
32.2	Replace copper tubing hard drawn 3/8 inch x P/m	1m		
32.3	Replace copper tubing soft drawn 1/2 inch x P/m	1m		
33	INSULATION FOR COPPER TUBING.			
33.1	Insulation for copper tubing 3/8 inch x P/m	1m		
33.2	Insulation for copper tubing 3/4 inch x P/m	1m		
33.3	Insulation for copper tubing 1/2 inch x P/m	1m		
34	COMPLETE AIR CON UNITS FOR REPLACEMENT			
34.1	9000BTU	1		
34.2	12000BTU	1		
34.3	18000BTU	1		
34.4	24000BTU	1		
34.5	30000BTU	1		
34.6	50000BTU	1		
34.7	60000BTU	1		
34.8	100000BTU	1		
35	Air handling Units			
35.1	80000 BTU	1		
	Total for Table 4			

Item No	Description Parts	Qty	Unit Price/Service	Amount
36	Fan belts: v-belts			
36.1	500 mm diameter	1		
36.2	600 mm diameter	1		
36.3	1000mm diameter	1		
37	Minipak Generic II	1		
37.1	Controller	1		
37.2	Return air sensor	1		
37.3	3m-RJ Plug	1		
37.4	Fan Motors 180W - 220V D/S	1		
37.5	H48 High Acid Driers	1		
37.6	SN 511 Bearings	1		
37.7	16.0 kw contactor	1		
37.8	Crank case heater 110 v chiller	1		
37.9	2VSK512 Block and takle	1		
37.10	Rectifier pc board	1		
38.1	Inverter pc board	1		
38.2	Main pc board	1		
38.3	Power pc board	1		
38.4	ZR36K3E-PFT-522 Stub Tube	1		
38.5	FH5540E/38F compressor	1		
39	ELECTRICAL PARTS			
39.1	Norsh cable 4 core plus earth 2.5 mm p/m	1m		
39.2	C/B 10Amps S/P	1		
39.3	C/B 40Amps T/P	1		
39.4	C/B 80Amps T/P	1		
39.5	Isolator 63 Amps T/P	1		
39.6	Contactor	1		
39.7	Comm wires	1m		
	Total for Table 5			

3. Costing Summary Page

	Amount
Total For Table 1	R
Total For Table 2	R
Total For Table 3	R
Total For Table 4	R
Total For Table 5	R
Total (Excluding VAT)	R
VAT (15%)	R
Total (Including VAT)	R

4. PRICES AND RATES SCHEDULES

Item.	Description	Qty	Rate	Amount
	Labour Rates The rates for labour will be deemed to include for statutory minimum labour rates, transport cost subsistence and travelling allowance, contribution to bonus, holiday, pension, medical funds, etc as well a for normal working hours, overtime, Sunday and holiday time			
	Normal Time			
	Artisan/Technician per hour	1	200	200
	Labourer per hour	1	75	75
	Material The cost of non-schedule materials shall be deemed to include for the cost of material after deduction of any discount and delivery.	-	-	-
	Mark-up Mark-up on new parts, material and equipment only 0 % to 20%			
	Note: 1. 20 % mark-up shall be calculated On the total discount price Excluding VAT 2. Maximum of 20 % mark-up Will be allowed. A higher Mark-up shall not be Considered.			
	Transport			
	Transport cost/Km (Distances will be measured from the National Department of Public Works Head Office in Pretoria.(Church Square)	km 1	R5.00	R5.00
			Sub-Total	
			15% VAT	
			Total	

TENDERER'S SIGNATURE: _____

ADDRESS: _____

DATE: _____