

# **Quotation Advert**

Opening Date:	2019 / 01 / 30					
Closing Date:	2019 / 02 / 06					
Closing Time:	11:00					
INSTITUTION DETAILS						
Institution Name:	RK Khan hospital					
Province:	KwaZulu-Natal					
Department or Entity:	Department of Health					
Division or section:	Central Supply Chain Management					
Place where goods / services is required	R.K KHAN HOSPITAL					
Date Submitted	2019 / 01 / 30					
ITEM CATEGORY AND DETAILS						
Quotation Number:	ZNQ: 921/18-19					
Item Category:	Goods					
Item Description:	SUPPLY & INTALL UNINTERRUPTABLE POWER SUPPLY TO SERVER UNIT					

Quantity (if supplies)

01 UNIT

COMPULSORY BRIEFING SESSION / SITE VISIT

Select Type:

Select...

Date:

Time:

Venue:

QUOTES CAN BE COLLECTED FROM:

#### R.K KHAN HOSPITAL

QUOTES SHOULD BE DELIVERED TO:

R.K KHAN HOSP - SECURITY OFFICE

ENQUIRIES REGARDING THE ADVERT MAY BE DIRECTED TO:

Name:

MR MNP MTHETHWA

Email:

mnqobi.mthethwa@kznhealth.gov.za

**Contact Number:** 

0314596391

Finance Manager Name:

MRIDMYEZA

Finance Manager Signature:

No late quotes will be considered

PULL S-19

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DATE ADVERTISED: 30 JANUARY 2019 FAC					FAC	FACSIMILE NUMBER: 031 4037333									
ENQUIRIES MAY BE DIRECTED TO: MNP MTHETHWA															
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the price (s) & calculations will be at the Bidder's risk  The Bidder must accept full responsibility for the proper execution & fulfilment of all obligations conditions devolving on under this agreement, as the Principal (s) liable the period(s) specified in the contract, the purchaser shall, without prejudice to its															
for the	due fulfilment of t		10.50 /2 5/		other	remedi	es under th	e contr	act, dec	luct from	n the co	ntract	price, a	s a penalty	, a sum
Only offers that comply with or greater than specification will be considered. the current prim Late quotes will not be considered.					rime interes	st rate o	alculate	ed for ea	ach day	of the	delay u	ntil actual			
All products supplied must be valid for a minimum period of six months.  O. A Bidder not registered on the Central Suppliers Database or verification has failed  The purchaser, may terminate this contract in whole or in part if the supplier fails to be explicitly as the contract of the purchaser.															
All delivery costs must be included in the quote price, for delivery at the prescribed perform any or perform any or perform.				any or all of the goods within the period(s) specified in the contract fails to any other obligation(s) under the contract; or has engaged in corrupt or											
2. Only firm prices will be accepted. Such prices must remain firm for the contract 20. The purchase			nt practices in competing for or in executing the contract.  chaser may procure, upon such terms and in such manner as it deems												
period. Non-firm prices (including rates of exchange variations) will not be considered.  3. In cases where different delivery points influence the pricing, a separate pricing shall be liable schedule must be submitted for each delivery point.															
schedule must be submitted for each delivery point.  Services.  4. If samples / compulsory site inspection / briefing session are required, the supplier will 21.  Where the be informed in due course.				the pu											
5. The supplier shall furnish any information, when requested.  doing business				pose a restriction penalty on the supplier by prohibiting such supplier from ass with the public sector for a period not exceeding 10 years.											
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#### **SPECIFICATION**

SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF UNINTERRUPTED POWER SUPPLY

AT

R K KHAN HOSPITAL

### 1. Site Information

SITE: R K Khan Hospital LOCATION: Computer Room EQUIPMENT: Server Units

PURPOSE: Uninterruptable power supply to Server unit

**QUANTITY**: One

#### 2. Intent of Document

The specification is intended to cover the complete installation of the uninterrupted power supply. The minimum equipment requirements are outlined, but do not cover all the details of design and construction. Such details are recognised as being the exclusive responsibility of the contractor.

In all cases where a device or part of the equipment is referred to in the singular, it is intended that such reference shall apply to as many devices as are required to complete the installation.

## 3. Scope of Work

Supply, delivery, installation and commissioning of the complete uninterrupted power supply specified in this document.

The contractor shall ensure that the space allowed is sufficient for the installation of the UPS and that the ventilation is adequate. If any changes to the design have to be made the contractor must inform the Maintenance department in writing.

# 4. System Requirements

**INPUT** 

Phase: Single phase plus ground

ITEM	PARAMETERS	COMPLIES	NON- COMPLIANT
Input Voltage Range:	231 Volts AC +/- 5%		
Input Power factor	0.98		
Frequency	50 / 60 Hz Auto sensing		
Frequency range	45 - 65 Hz		
Synchronization range	± 3Hz		
Input Current (220V):	30 amp		
Input Protection:	Circuit Breaker for overload and short protection		

#### OUTPUT

ITEM	PARAMETERS	COMPLIES	NON- COMPLIANT
Output Voltage: 220 VAC	220 VAC		
Voltage regulation:	± 2% 6kVA		
Voltage distortion:	5% THD with non-linear loads, < 3% THD with linear loads		
Frequency regulation	± 0.25 Hz (while on battery)		
Dynamic response	± 9 % max from 100% to 20 % or from 20% to 100 % linear load		
Overload capacity:	105% for 10 seconds, 130% ± 10% for 300 msec		
Efficiency (Bypass Mode)	Greater than 95%		

### 5. Ambient Operating Conditions

- a) Ambient Temperature
- b) Relative Humidity
- c) Altitude
- d) Dust
- e) Corrosion

#### 6. Co-ordination

Due to the nature of the installation, a fixed sequence of operation is required to properly install the complete uninterrupted power supply. The work shall be closely scheduled in order not to delay the entire project.

#### 7. Test Certificates and Inspections

The following tests are to be carried out:

- (a) After completion of the works and before first delivery is taken, a full test will be carried out on the installation for a period of sufficient duration to determine the satisfactory working thereof. During this period the installation will be inspected and the contractor shall make good, to the satisfaction of the maintenance manager, any defects which may arise.
- (b) The Contractor shall provide all instruments and equipment required for testing required for the commissioning and testing of the installation at completion.
- (c) Test reports of both tests as specified under (a) and (b) are to be submitted to the Department.

#### 8. Guarantee and Maintenance

The Contractor shall guarantee the complete plant for a period of twelfth months after first delivery has taken place.

If during this period the plant is not in working order, or not working satisfactorily owing to faulty material, design or workmanship, the Contractor will be notified and immediate steps shall be taken by him to rectify the defects and/or replace the affected parts on site at his own expense.

The Contractor shall maintain the plant in good working condition for the full twelfth month period to the final delivery of the installation. However, should the Contractor fail to hand over the plant in good working order on the expiry of the specified twelfth

months, the Contractor shall be responsible for further monthly maintenance until final delivery is taken.

### 9. Materials and Workmanship

- (a) The work throughout shall be executed to the highest standards and to the entire satisfaction of the hospital representative who shall interpret the meaning of the Contract Document and shall have the authority to reject any work and materials, which, in his judgement, are not in full accordance therewith. All condemned material and workmanship shall be replaced or rectified as directed and approved by the Engineer.
- (b) All work shall be executed in a first-class manner by qualified tradesman.
- (c) The Contractor shall warrant that the materials and workmanship shall be of the highest grade, that the equipment shall be installed in a practical and first-class manner in accordance with the best practices and ready and complete for full operation. It is specifically intended that all material or labour which is usually provided as part of such equipment as is called for and which is necessary for its proper completion and operation shall be provided without additional cost whether or not shown or described in the Contract Document.
- (d) The Contractor shall thoroughly acquaint himself with the work involved and shall verify on site all measurements necessary for proper installation work. The Contractor shall also be prepared to promptly furnish any information relating to his own work as may be necessary for the proper installation work and shall co-operate with and co-ordinate the work of others as may be applicable.
- (e) All components and their respective adjustment, which do not form part of the equipment installation work, but influence the optimum and safe operation of the equipment shall be considered to form part of, and shall be included in the Contractor's scope of works.
- (f) All control equipment and serviceable items shall be installed and positioned such that they will be accessible and maintainable.
- (g) The Contractor shall make sure that all safety regulations and measures are applied and enforced during the installation and guarantee periods to ensure the safety of the public and the User Client

#### Brochures

Detailed brochures of all equipment offered shall be presented together with the tender documents.

#### 11. ALARMS

All alarms shall be of the tell tale type with memory features e.g. a flashing light indicates a fault coupled with an audible alarm. The pressing of the appropriate button shall cancel the audible alarm and allow the alarm lamp to burn continuously until the fault is removed.

The following minimum alarm conditions shall be monitored on the equipment:

- (1) Normal
- (2) Mains failure
- (3) Inverter failure
- (4) Shutdown imminent
- (5) Load on mains
- (6) Overload
- (7) Charger fails

#### 12. VENTILATION

Each enclosure shall have extraction ventilation fans mounted on the top of the cubicle to assist air circulation. These fans shall be fed from the output distribution panel of the uninterrupted power supply.

#### 13. QUALITY ASSURANCE

The manufacturer shall be responsible for the performance as specified herein and to prove such performances to the satisfaction of the engineer. Except as otherwise specified, the supplier must utilise facilities acceptable to the engineer.

#### 14. INSTRUCTION OF OPERATOR AND MANUALS

After completion of the installation, and when the plant is in running order, the successful tenderer will be required to instruct an attendant in the operation of the plant, until he is fully conversant with the equipment and handling thereof.

Copies of maintenance, fault-localising and operating manuals together with the drawings required shall be handed over to the maintenance department.

#### 15. DISTRIBUTION WIRING

All sub-distribution wiring circuits must be wired as follows:

#### 16. Mains power plug circuits

2.5 mm<sup>2</sup> PVC/copper in red and black conductors and a 2,5mm<sup>2</sup> green/yellow insulated earth.

Ite	DESCRIPTION		QTY	RATE/ UNI	Γ	TOTAL ·		
m				R	С	R	С	
	NOTE:  All rates for items contained in this Schedule of Prices must be computed excluding the applicable Sales Tax.  The Administration reserves the right to Negotiate prices in the Bill of Quantities.							
	INSTITUTION: R K KHAN HOSPITAL  SERVICE: SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF UNINTERRUPTED POWER SUPPLY  All rates quoted shall be inclusive of transport, labour and profit.  The Tenderer is advised that the buildings are Occupied.							
a)	PROPRIETARY ARTICLES:  All equipment and material used in this contract shall be that which is specified or other approved.  Supply, delivery, installation and commissioning of 6Kva uninterrupted power supply	item	1					
Carried to Quotation form								

# CONDITIONS OF CONTRACT 17. Contractors are advised to visit the site and take specific measurements before 17.1. submitting quotes. Storage of all materials will be at contractors risk. 17.2. All necessary safety precautions are to be observed. 17.3. The commencement of the works must be 2 weeks from the date of the official order. 17.4. All works is to be guaranteed for 12 months from date of completion. 17.5. All materials is to be S.A.B.S. approved. 17.6. All works carried out is to be to the entire satisfaction of the CEO or his appointed 17.7. representative. All contractors from within the borough of Durban will be considered. 17.8. All material removed to be handed over to the maintenance department. 17.10. Contractors must be registered with the C.I.D.B. for electrical works. Minimum grading of 1EB. 17.11. Quotations are to be deposited at the Hospital Main Entrance, Security. 17.12. The closing date shall be \_\_\_\_\_\_11:00. 17.13. A compulsory site meeting will be held on \_\_\_\_ at 10:30. 17.14. Tender document will be handed out during the site meeting, Telephone - Mr P. Mthethwa on (031) 4596391. Mr. K. Pillay (Maintenance Manager) **COMPANY STAMP** Name :\_\_\_\_\_

*Cor	nnu	Ison	/*
CUI	IINU	1301	٠.

Signature:\_\_\_

Company:\_\_\_\_\_

- 1) Kindly sign and stamp in acceptance of the specifications.
- 2) Return all completed price schedules with tender documents
- 3) Enter final total on the official price page
- 4) Provide proof of Work of a similar scope undertaken at other institutes

Failure to comply with all of the above will result in disqualification.

#### **DECLARATION OF INTEREST**

Any legal person, including persons employed by the state1, or persons having a kinship with persons employed by the state, including a blood relationship, may make an offer or offers in terms of this invitation to quote (includes a price quotation, advertised competitive quote, limited quote or proposal). In view of possible allegations of favouritism, should the resulting quote, or part thereof, be awarded to persons employed by the state, or to persons connected with or related to them, it is required that the bidder or his/her authorised representative declare his/her position in relation to the evaluating/adjudicating authority wherethe bidder is employed by the state; and/or the legal person on whose behalf the bidding document is signed, has a relationship with persons/a person who are/is involved in the evaluation and or adjudication of the quote(s), or where it is known that such a relationship exists between the person or persons for or on whose behalf the declarant acts and persons who are involved with the evaluation and or adjudication of the quote. In order to give effect to the above, the following questionnaire must be completed and submitted with the quote. 2.5. Tax Reference Number: 2.2. Identity Number: 2.3. Position occupied in the Company (director, trustee, shareholder²):2.6. VAT Registration Number: 2.7. The names of all directors / trustees / shareholders / members, their individual identity numbers, tax reference numbers and, if applicable, employee / persal numbers must be indicated in paragraph 3 below. [TICK APPLICABLE] 2.8. Are you or any person connected with the bidder presently employed by the state? YES NO 2.8.1. If so, furnish the following particulars: Name of person / director / trustee / shareholder/ member: Name of state institution at which you or the person connected to the bidder is employed: 2.8.2. If you are presently employed by the state, did you obtain the appropriate authority to undertake remunerative work outside employment in the public sector? YES NO 2.8.2.1. If yes, did you attach proof of such authority to the quote document? (Note: Failure to submit proof of such authority, where applicable, may result in the disqualification of the quote.) 2.8.2.2. If no, furnish reasons for non-submission of such proof: 2.9. Did you or your spouse, or any of the company's directors / trustees / shareholders / members or their spouses conduct business with the state in the previous twelve months? 2.9.1. If so, furnish particulars:.... 2.10. Do you, or any person connected with the bidder, have any relationship (family, friend, other) with a person employed by the state and who may be involved with the evaluation and or adjudication of this quote? YES NO 2.10.1. If so, furnish particulars: 2.11. Are you, or any person connected with the bidder, aware of any relationship (family, friend, other) between any other bidder and any person employed by the state who may be involved with the evaluation and or adjudication of this quote? YES NO 2.11.1. If so, furnish particulars: 2.12. Do you or any of the directors / trustees / shareholders / members of the company have any interest in any other related companies whether or not they are bidding for this contract? YES NO 2.12.1. If so, furnish particulars: Full details of directors / trustees / members / shareholders. NB: The Department Of Health will validate details of directors / trustees / members / shareholders on CSD. It is the suppliers' responsibility to ensure that their details are up-to-date and verified on CSD. If the Department cannot validate the information on CSD, the quote will not be considered and passed over as non-compliant according to National Treasury Instruction Note 4 (a) 2016/17. 4 **DECLARATION** FURNISHED IN PARAGRAPHS 2. I ACCEPT THAT THE STATE MAY REJECT THE QUOTE OR ACT AGAINST ME SHOULD THIS DECLARATION PROVE TO BE FALSE.

"State" means -

Name of bidder

 a) any national or provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No. 1 of 1999);

Signature

c) provincial legislature;

Position

d) national Assembly or the national Council of provinces; or

Date

e) Parliament.

any municipality or municipal entity:

<sup>&</sup>quot;Shareholder" means a person who owns shares in the company and is actively involved in the management of the enterprise or business and exercises control over the enterprise.