



# public works

Department:  
Public Works  
**PROVINCE OF KWAZULU-NATAL**

## **WIMS NO: 067937 WENTWORTH HOSPITAL: HVAC SYSTEM – APPOINTMENT OF A MECHANICAL ENGINEERING CONSULTANT (PR ENG)**

### **Clarity provided in respect of the estimate**

1. The Mechanical Work Estimate is R6m excluding VAT.
2. The Government Gazette No 39480 board notice 138 of 2015 should be used for the pricing of the bid.
3. The Secondary fee should be your alterations factor amount (your primary fee multiplied by 1.25).
4. The fees shall be calculated on 'Building Services' work type and Fee category 'F'. The maximum fee should be 15% of the Mechanical Work (R6m).

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### **Questions raised by bidders**

#### **Question 1**

"Section G, Background" states whole AHU system to be replaced but scope of services state "fan replacement only". Please clarify if entire AHU to be replaced or just fans and motors. (modern fan equipment may not be compatible with older AHU's)

#### **Response:**

The entire HVAC System( Chillers, motors, AHU, etc) will be changed

#### **Question 2**

Will As-built drawings be provided for all items to be replaced?

#### **Response:**

As built drawings of the buildings are available BUT not of the equipment.

#### **Question 3**

Are the units to be replaced with similar capacities or is a redesign required?

#### **Response:**

Redesign with specification of the latest or modern technology.

#### **Question 4**

Is a replacement of the control system or BMS required?

Response:

MCC will also be replaced.

Question 5

Are any AHU's laminar flow units?

Response:

No

Question 6

Is any chilled water reticulation required to be assessed for visual condition or capacity?

Response:

The project entails replacing the entire HVAC system including the chilled water plant.

Question 7

Will the client appoint a separate service provider to undertake risk assessments if required?

Response:

There is going to be a health and safety specifications, which include risk assessments, which will be prepared by the Department's health and safety practitioner. Consultants will be required to give inputs regarding risks on their disciplines.

Question 8

Will any other disciplines be involved besides mechanical and electrical e.g. civil or structural

Response:

So far only electrical and mechanical disciplines as all the work should be done within existing buildings. If need be, they will be appointed later.

Question 9

Section G: Specifications and Evaluation, Item 5.2 PHASE 2: Mandatory Requirements

EVALUATION CRITERIA	DOCUMENTATION TO BE PROVIDED	YES / NO
1. Profile of key staff and entity	1.1 Project specific Organogram that sets out the roles and responsibilities of each proposed team member. - Details of the lead Registered Professional Electrical Engineer (PR. ENG) who will be leading the team and proposed team i.e. name & surname	
	1.2. Curriculum Vitae of each proposed team member to include a detailed experience in hospital, clinic, health infrastructure	
	1.3. Proof of Registration with Council / Professional Body of each proposed team	

<p>2. Previous experience of the entity in the relevant stream of specialization i.e.</p> <ul style="list-style-type: none"> <li>- Hospitals,</li> <li>- Clinics</li> <li>- Health infrastructure</li> </ul>	<p>2.1 Schedule of projects of a similar nature and value completed within the last 5 years with specific reference to:</p> <ul style="list-style-type: none"> <li>- Project name, type (nature) / description, value &amp; duration (start &amp; completion dates). client</li> </ul> <p>2.2 Attach three (3) number of letters of:</p> <ul style="list-style-type: none"> <li>- letters of appointment</li> <li>- reference letters indicating quality control, time management and budget control on said project for all work completed within the last 5 years</li> </ul>	
<p>3. Professional Indemnity Insurance</p>	<p>3.1 Proof of the relevant professional Indemnity Insurance – Electrical Engineering + R2 million</p>	
<p>4. Proximity of service provider in relation to the Department of Public Works: EThekweni Region Office</p>	<p>The Department supports Local Economic Development and the tenets of Radical Economic Transformation.</p>	

**Question 9.1**

With regards to item 1.1 of the above table, our Electrical Engineer has a B Tech in Electrical and Electronic Engineering and is registered with ECSA as a Professional Technologist, will this qualification be adequate for Team Leader?

**Response:**

The bid calls for a PR ENG hence the team leader cannot be a professional technologist.

**Question 9.2**

With regards to Item 2, the above-mentioned Electrical Engineer is a seasoned Professional with ample experience, but as a Company, MVD Kalahari has only recently added electrical engineering to our disciplines, may we submit experience and reference letters based on the Engineers experience?

**Response:**

Yes, you can as long as he/she is been cited as a one of the resources and not the team leader.