



STEVE TSHWETE LOCAL MUNICIPALITY

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2010/07/08

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Public Services

Department of Health Services

SUPPLY AND DELIVERY of:-

Formal written price quotation are invited from qualifying suppliers for the **SUPPLY AND DELIVERY of ULTRA VIOLET GERMICIDAL IRRADIATION UNITS in the clinics, Commissioning / installation of the units**, please find the specifications listed below.

A. General section

1. Scope

Department: Health Services

Quantity	Item description
(24) twenty four	ULTRA VIOLET GERMICIDAL IRRADIATION FOR ATMOSPHERIC SANITATION UNITS IN THE CLINICS

2. Quantity

The Council does not guarantee to purchase the quantity indicated in **PART I, ITEM A. 1 GENERAL** above or any other quantity.

3. Equipment and accessories

The quotation is for a complete ultra Violet Germicidal Irradiation Unit including all equipment and accessories where applicable.

4. Delivery

Delivery shall be made to the relevant Department Senior Manager, Middelburg.

5. Statement of compliance

The schedule of particulars PART I, shall be completed in every respect to indicate to what extent the quotation requirements of the specification are met.

Suppliers may offer equipment that deviates from the required specification but which they consider of advantage to the Council. **Such offers may be considered provided details of the deviations are clearly stated.**

B. DETAILED DESCRIPTION OF GOOD REQUIRED

1. General

- (a) The equipment shall be a new, currently advertised and product of a well established manufacturer of this type of product. The supplier shall satisfy the Council that he is maintaining a branch or store within a reasonable distance from the working location of the equipment, staffed for securing parts within a reasonable length of time.
- (b) The equipment is to comply in all aspects with this includes all the requirements for equipment that must be part of.
- (c) The suppliers must submit with their quotations, specification and to ensure that the equipments offered, complies with the Councils requirements.

2. Equipments offered

The suppliers must submit complete technical details and illustrations for all items offered and complete ITEM C Part I, DETAILS of equipment offered for each respective item and ITEM E, Part I form of price schedule.

3. Detailed specifications

3.1

Companies must be able to supply R₁ and R₂ type. Health and Safety Reason

Area coverage (Depends on Ceiling Height)	The company offers two Ceiling Mounted Fittings R 1: Area coverage of 36m ² R 2: Area coverage of 25m ² *Supply test documents
Unit Mass	R 1 Fitting: 7.5kg R 2 Fitting: 5.5kg
Parts Exposed to UV-C	Parts exposed to UV-C are UV-C resistant: SANS no. 1724
Electrical Wiring	220/230V AC Supply: SANS no. 1574
Typ of Reflective Material	The reflective material used in the fittings are of the highest quality imported Electro Brightened Aluminium.
Connection Blocks	SANS no. 1433/1
Transformers / Chokes	BAG – Electronics 10023309 CE Mark
Lamp Holders	Lamp Holders are UV-C resistant SANS no. 60838/1
Safety Features	The tested louvre design ensure that all the UV-C is concentrated in the upper-air surface area ensuring that no people are exposed to any UV-C - Supply test documents
Fitting Tested	The Technilamp UVGI Fittings have been tested at the University of Pretoria – Supply test documents
Performance Test	An independent Performance Test has been done in the field by AMPATH Laboratories – Supply atleast 3 times test
UV Tests	Technilamp has done multiple Air Tests in various locations to illustrate the effectiveness of UV-C. Results available in brochure – please attached.

LAMPS – SUPPLIER TO USE ONLY THESE SPECIFIED LAMPS

Manufacturer	Philips Netherlands
Country of origin	Poland
Lamp Type & Watt rating	Philips PL-S 9W TUV (9W)
Mercury Content	The Philips lamp has the lowest mercury content compared to its competition on the market. (3mg)
Ozone Emitting or Not	The lamp is a non-ozone – emitting lamp
Is the lamp coated on the inside?	The lamp is coated on the inside with a “company confidential” coating to minimize mercury absorption and to ensure constant UV-C radiation over the 10 000 hour lifespan of the lamp – Supply documents
Glass Type used	Sodium Barium Silicate
Lamp Life / Replacement Hours	10 000 Hours NB Very important
UV-C Output deterioration vs Time	Supply documents

SUPPORT / BACK – UP

Track Record / Previous Experience	Provide a profile of the specialized company
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3.2 General

3.2.1 Suppliers must be prepared to demonstrate the units if called upon to do so by the **Steve Tshwete Local Municipality**.

3.2.2 Suppliers shall describe in detail the parts and service exchange facilities offered.

3.2.3 All free services shall be described in details.

3.2.4 Firm date of delivering is to be stated.

3.3 Assembly and handing over

The quoted price shall include the assembly and handing over at the **Steve Tshwete Local Municipality**.

3.4 Quality

Any work found to be not up to standard would be rejected. The supplier must make arrangements to collect such rejected work and rectify this at his own expense.

3.5 Guarantee

The supplier shall guarantee the equipments and accessories purchased in respect of performance and defects for a period of at least twelve months from the delivery date and this guarantee should include at least **Two (2) free services and shall include travelling, labour and calibrations**.

4. Manuals

The successful supplier shall supply the following manuals free of charge for **PART I, ITEM A.1 GENERAL** as well as for accompanying equipment, where applicable:-

- (i) one (1) only operators manual
- (ii) two (2) only maintenance manuals (one copy may be a CD with an electronic version)
- (iii) two (2) only spare parts manuals (one copy may be a CD with an electronic version)

C. DETAILS OF EQUIPMENT OFFERED

Quotation: _____

	Models	Details	Marks X Compliance with specification or fill in details where necessary
1. Ultra Violet			
1.1 Name of supplier			
1.2 Physical address of supplier			
1.3 Physical address of supply / service dept			
1.4 Type / Name and model designation of equipment			
2.	Type		R
		Vat	R
		Total	R

3. Price and delivery excluding optional items	Price	Delivery timeframe
Subtotal	R	
Vat	R	
Total	R	

E PRICE SCHEDULE

DETAILS	DESCRIPTION OF GOODS OFFERED: SPECIFY MODEL	PRICE
<u>Equipment and accessories</u>		R
		R
		R
	SUB TOTAL	R
	VAT	R
	TOTAL	R
<u>Additional or optional items</u>		R
		R
		R
		R
		R
		R
		R
		R
		R
		R
		R
		R
		R
		R
		R
		R
	SUB TOTAL	R
	VAT	R
	TOTAL	R

