

**TENDER**

**FOR**

**SITC of 2 Nos of 10 KVA UPS for Operation  
Theatres in Tertiary Cancer Centre,  
Government Medical College, Kozhikode**

**PART-III  
PRICE BID**

**TENDER NO. HLL / IDS / 19/08**

**August 2019**

**HLL LIFECARE LIMITED  
INFRASTRUCTURE DEVELOPMENT DIVISION**

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## **1. COMMERCIAL CONDITIONS**

### **1.0.1 THE ABSTRACT OF BILL OF QUANTITIES IN THE PRICE BID SHALL BE INVARIABLY FILLED. THOSE WHO BIDDERS DO NOT FILL WILL BE NON-RESPONSIVE AND WILL BE DISQUALIFIED FROM EVALUATION AND WILL BE TREATED AS TECHNICALLY NOT QUALIFIED.**

1.0.2 The tendered rate shall inter alia be deemed to include for the provision of all materials, process, operation and special requirements detailed in the particular specification irrespective of whether these are mentioned in the description of equipment schedule and Bill of quantities or not. It is an express condition of the contract that the tendered rates for various items in the Bill of Quantities shall be deemed to include for the full, entire and final condition of the contractor respective items of the works in accordance with the provision of the contract.

1.0.3 The tendered rate shall include for all taxes, duties, etc. including GST and shall be quoted on the works contract basis for SITC of 2 Nos of 10 KVA UPS for Operation Theatres in Tertiary Cancer Centre, Kozhikode.

1.0.4 The tendered rate shall remain firm and free from variation due to rise in the cost of materials/equipment, labour or any other reasons whatsoever during the contract period and valid extension on the case may be.

1.1 The tendered rate shall remain firm and free from variation due to rise in the cost of materials/equipment labour or any other reasons whatsoever during the contract period and valid extension.

1.4 The quantum of excise duty included in the tendered price, the rate at which they were assumed etc. shall be indicated in the tender.

### **1. UNIT RATES**

2.1 Only approved work will be measured on completion and priced as per rates quoted against the respective items.

### **3. BRIEF DESCRIPTION OF PRICING**

3.1 The tenderer shall furnish duly certified breakup of material and labour separately for each item of work. The CMC rates will be taken into account for selection of L1 bidder

### **4. PRO-RATA VALUE**

The detailed break up of prices for various items of equipments and materials of the full system should be provided by successful tenderers within fifteen days from the date of letter of intent to facilitate the Employer for assessment and verification and to certify payment.

**5. The quoted price shall be inclusive of all taxes including GST (@12% ) and duties whether payable by the contractor or to be deducted at source. This shall include those**

**applicable among Income Tax, Customs Duty, Excise Duty, Turnover Tax, Octroi, Labour Welfare Cess, Flood Cess or any Other Taxes and Duties prevailing in respect of this contract.**

**ANY BID STATING THAT TAXES (including GST) ARE EXTRA WILL BE SUMMARILY REJECTED.**

## **7. SUBMISSION OF BILL**

- 7.1 The contractor shall from time to time prepare and submit interim bills of the work executed and on completion of the contract, he shall prepare and submit the final bill. The measurements sheets in support of the interim and final bills shall be prepared by the contractor on the basis of measurements taken by him jointly with the project engineer and the said measurement sheets shall be submitted by him with the relevant bill.

## **8. EXTRA ITEMS**

The contractor is bound to carry out any items of work necessary for the completion of the job even though such items may not have been included in the schedule of probable quantities or rates, such items being necessary or essential for completing the job. Variation order in respect of such additional items and their quantities will be issued in writing by the Employer.

All shavings, cuttings and other rubbish as it accumulates from time to time during the progress of work and on completion including that of the sub-contractors and special tradesman and all materials condemned by the project engineer shall be cleared and removed from the site by the contractor without any extra charge.

All measuring steel tapes, scaffolding, ladders instruments and tools that may be required for taking measurements shall be supplied by the contractor.

## **9. OVER TIME WORK**

If the contractor is required to work night or on holidays in order to maintain the time schedule he shall take prior approval from the Employer. He should also provide and maintain at his own cost sufficient lights as may be necessary to enable the work to proceed satisfactorily during the night.

- 9.2 The contractor shall give full facilities to all other contractors working on site. He shall also arrange his programme of work so as not hinder the progress of other trades. The decision of the Employers on any point of dispute between the various parties shall be final and binding.
- 9.3 It is specifically pointed out that the contractor shall not be entitled to any compensation whatsoever on account of delay in procurement or supply of controlled materials and the rates quoted in the contract are fixed till the completion of the contract.

9.4 The contractor shall co-operate with other agencies appointed by the Employer for the work to proceed smoothly with the least possible delay and to the satisfaction.

10. The owners shall provide a source for power supply at one convenient point at site.

#### **11. TERMS OF PAYMENT**

For equipments delivered and sorted at the site for the installation, the payment will be made by the HLL in accordance of this contract.

The rate of payment for the contract value under this contract shall be regulated as detailed below:

- a. **70% - After Supply and Installation**
- b. **25%- After testing and commissioning**
- c. **2.5% - on expiry of DLP on batteries (3 years)**
- d. **2.5% - on completion of 5 years of warranty**

**NOTE: The defect liability period for the batteries is three years from the final acceptance and five years for the remaining UPS system.**

## **11. SPECIAL CONDITIONS**

### **11.1 EXECUTION WORK**

- 11.1.1 The whole of the work as described in the contract (including bills of materials, specification and all drawings pertaining thereto) and as advised by the Owners/Employers from time to time is to be carried out and completed in all parts to the entire satisfaction of the Owners/Employers. Any minor details of construction which are obviously and fairly intended, or which may not have been definitely referred to in this contract, but which are usual construction practice and essential to the work, shall be included in this contract.

### **11.2 MAINTENANCE & TRAINING FOR PERSONNEL**

- 11.2.1 The contractor shall without any extra cost carry out during the Defect Liability Period, all routine and special maintenance and attend to any difficulties and defects that may arise in the operation of the UPS.
- 11.2.2 The contractor shall associate with the Employers' staff during erection and the maintenance period, in the maintenance/operation of the UPS.
- 11.2.3 If required, by the Employers, the contractor shall also train members of the Employers' staff at their works/service station without any extra charge.
- 11.2.4 The Comprehensive Maintenance Contract (CMC) will be for 2 years after completion of Defect Liability Period (DLP) of 60 months.

### **11.3 CERTIFICATE OF COMPLETION**

- 11.3.1 The contractor shall intimate to HLL in writing as and when the works are completed and put into beneficial use in order to enable HLL to check certify to the Employer to take over the plants.
- 11.3.2 The work shall not be considered as completed and put into beneficial use until HLL have certified in writing that the same has been completed and put into beneficial use.
- 11.3.3 The defects liability period as mentioned in Clause 17 of the GCC, shall commence from date of such completion or any specific date mentioned therein.

### **11.4 OPERATIONAL AND MAINTENANCE MANUALS**

- 11.4.1 The contractor shall also furnish the prints of all up-dated handing over along with required set of operating/maintenance manuals/instructions.

### **11.5 STATUTORY APPROVALS**

All statutory approvals shall be in the scope of the supplier.

**ALL ROWS SHALL BE FILLED, THIS IS MANDATORY**

**BILL OF QUANTITIES**

**ABSTRACT**

<b>SL. NO</b>	<b>ITEM</b>	<b>AMOUNT (Rs.)</b>
<b>I</b>	SITC of 2 Nos of 10 KVA UPS for Operation Theatres in Tertiary Cancer Centre, Government Medical College, Kozhikode	
<b>II</b>	Comprehensive Maintenance Contract (CMC)	
<b>a</b>	1st Year	
<b>b</b>	2nd Year	
	<b>TOTAL AMOUNT</b>	

**NOTE**

1. The quoted amount shall be including GST (@12% as the work is being executed on behalf of Government Medical College, Kozhikode).
2. The CMC rates will be taken into account for selection of L1 bidder

**Signature of the Contractor with date**

### **BILL OF QUANTITIES**

<b>SITC of 10KVA UPS System for Operation theatre at TCC Kozhikode, Kerala</b>						
<b>Sl.No</b>	<b>DSR</b>	<b>Description</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
		<b>DSR ITEMS</b>				
1	7.7	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 kV grade of following size on wall surface as required.				
	7.7.1	Upto 35 sq. mm (clamped with 1mm thick saddle)	Mtr	60		
2	9.1	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 kV grade as required.				
	9.1.33	4 X 16 sq. mm (28mm)	Each	4		
		<b>NON DSR ITEMS</b>				
3		Supply, Installation Testing and commissioning of double conversion, IGBT Based, True on line <b>UPS system</b> with 415V +/- 15% V,50Hz,3Ph Input & 415V,3Ph,50 Hz , Output, working on 16 Bit microprocessor Architecture,Isolation transformers, RS 232 ports, monitoring software , O/L.S.C. protections & self diagnostic features,LCD Display Panel for Functions & all parameters, complying with IEC standards with internal wiring and terminations. The efficiency of UPS shall be not less than 93% .Refer the technical specification				
		<b>10 KVA system capacity</b>	Nos.	2		
4		Supply, Installation Testing and commissioning of required number of SMF Battery with <b>Battery System</b> , Battery <u>Back up time of 30 minutes</u> housed in <b>suitable Cabinet /stand /rack</b> , Static ByPass, complete with Internal wiring & all accessories to be provided. The System shall have in-built P.F.correction(Output > 0.9) & shall ensure THD as per latest International standards. The installation shall include internal wiring and terminations.				

**SITC of 10KVA UPS System for Operation theatre at TCC Kozhikode, Kerala**

<b>SLNo</b>	<b>DSR</b>	<b>Description</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
			Unit	2		
5		Supply of the following size 1.1kV grade XLPE insulated PVC sheathed, armoured Aluminium conductor power cable confirming to IS 7098 (part 1) ammended upto date.				
		4 C x 16 sqmm	Mtr	60		
6		Supplying and fixing TP sheet steel enclosure on surface/ recess along with 63 A, 415 V “C” curve TPN MCB complete with connections, testing and commissioning etc. as required.				
			Each	2		
7		Providing and fixing <b>8 SWG copper</b> wire on surface or in recess for loop earthing along with existing surface / recessed conduit / submain wiring / cable as required.				
			Mtr	100		
8		Supply, Installation Testing and commissioning of <b>600VA UPS</b> system for MGMS control panel.				
			Nos.	1		