

**TENDER DOCUMENT**

*FOR*

*SUPPLY INSTALLATION TESTING AND COMMISSIONING OF 2  
NO:S OF ELEVATORS FOR GOVT VICTORIA HOSPITAL, KOLLAM.*

**PART-III  
PRICE BID**

**TENDER NO. HLL/ID/13/68**

**September- 2013**

**HLL LIFECARE LIMITED.  
INFRASTRUCTURE DEVELOPMENT DIVISION**

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## **1. COMMERCIAL CONDITIONS**

- 1.1 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.
- 1.2 The tendered rate shall include for all taxes, duties, etc. as applicable and shall be quoted on the works contract basis for the Supply Installation Testing And Commissioning of 2 No:s of Elevators for Govt Victoria Hospital, Kollam.
- 1.3 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.

## **2. 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 same shall be attached separately along with the price bid.

## **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. INCOME TAX**

Any payment to the contractor as per contract, will be made after deducting income tax as per the rules and regulations.

**6. SALES TAX AND EXCISE DUTY**

The tenderer shall clearly indicate sales tax, Excise and works contract tax and other duties as applicable in his offer for carrying out this work.

**The quoted price shall be inclusive of all taxes and duties whether payable by the contractor or to be deducted at source. This shall include those applicable among VAT, Sales Tax, Income Tax, Customs Duty, Excise Duty, Turnover Tax, Service Tax, Work Contract Tax, Octroi, Labour Welfare Cess or any Other Taxes and Duties prevailing in respect of this contract. ANY BID STATING THAT TAXES 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 taps, 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.
- 9.5 The owners shall provide a source for power supply at one convenient point at site. The contractor shall at his own cost install a separate meter at the said source and lay additional cables from the said source also at his own cost. For the electricity consumed by the contractor he shall pay the owner the actual cost at the rate charged by the local authority for power for constructional purposes. The contractor shall also obtain the necessary permit for utilizing power for constructional purposes.

## **10. TERMS OF PAYMENT**

- 10.1 For equipments delivered and sorted at the site for the installation, the payment will be made by the HLL in accordance of this contract.
- 10.2 The rate of payment for the contract value under this contract shall be regulated and detailed below:
  - a. 80% of the contract value on pro-rata basis against open delivery of material at site and stored as directed by the HLL and after initial inspection.
  - b. 10% of the contract value on satisfactory installation of the complete system.
  - c. 5% of the contract value will be paid after testing, commissioning trial run & handing over to HLL.
  - d. The balance 5% after the expiry of guarantee/defect liability period. However the final payment after Defect Liability Period can be released against submission of Bank Guarantee for equivalent amount.

## **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 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 for a period of 12 months after the installation is taken over by the owners, all routine and special maintenance and attend to any difficulties and defects that may arise in the operation of the Lifts.

11.2.2 The contractor shall associate with the Employers' staff during erection and the maintenance period, in the maintenance/operation of the Lifts.

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.

## **11.3 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 of one year 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 STATUTARY APPROVALS**

All statutory approvals pertaining to the elevator installations including electrical inspector/lift inspector approvals shall be in the scope of the supplier.

## TESTING OF LIFT INSTALLATION

The contractor after the installation of the lifts has to conduct the following test and furnish the readings to ascertain the performance of the lifts.

1. Levelling Test :
2. Safety Gear Test :
3. Contract Speed Test :
4. Lift Balance :
5. Car and Landing Interlock Test :
6. Controllers Test :
7. Normal Terminal Stopping Switches :
8. Final Terminal Stopping Switches:
9. Insulation Resistance Test :
10. Ropes :
11. Buffer Test :
12. Earthing :

13. Performance Test :

## **BILL OF QUANTITIES**

### **ABSTRACT**

<b>SL. NO</b>	<b>ITEM</b>	<b>AMOUNT (Rs.)</b>
<b>1</b>	<b>Elevator</b>	

**Supply Installation Testing And Commissioning of 2 No:s of Elevator for Govt Victoria Hospital,Kollam.**

**BILL OF QUANTITIES**

	<u>SITC OF ELEVATOR</u>	Unit	Qty	Rate (In words and figures)	Amount (In words and figures)
1	Supply, installation, testing & commissioning of electric traction type elevator of following capacities and type suitable for operation on 415 V, 3 phase, 50 Hz AC supply, having AC variable voltage and variable frequency type traction control, machine room less, speed of 1.00 Mtr/sec, electromagnetic brake system, simple operations, operating control panel with luminous buttons, overload warning indicator, battery operated alarm bell, LED type emergency light, intercom suitable for hook up to EPABX, infrared ray sensing door protection for full height, reverse phase relay on controller, fireman's switch at ground floor, digital car positions indicator in car and at all positions indicator in car and at all floors with Up/DOWN direction, all signal fixtures in stainless steel faceplates, light fixtures, ventilation fan, etc complete with all accessories including automatic rescue device in the event of power failure etc., Complete with necessary scaffolding, electrical panel, logic control panel and shaft lighting etc required for the erection of the elevators as required.				
a)	Machine Room less type with the traction motor placed directly top of the hoistway and elevator shall be of gearless type with travel height of 14mtrs. (suitable for lift well size 3000mm (D)X 2350m(W)) complete as per technical specification, simplex full collective operation with/without attendant. Car/Hoistway Entrance, protected by stainless steel hairline doors and clear side(telescopic) opening min 1100mm wide x 2000mm height. <b>20 passengers</b> (Minimum) capacity (minimum 1360 Kgs) elevator, 5 stops & 5 openings car size of 2400mm deep x 1300mm wide x 2300mm Height Inside dimensions and entrance at front side on all	No	1		

	the serving floors, provided with matt finish stainless steel panel on all four side, stainless steel mirror finish ceiling, stainless steel hand rail on three sides complete as per specifications.				
b)	Machine Room Less Type with the traction motor placed on top of the hoistway elevator shall be of gearless type with travel height of 14.mtrs. (suitable for lift well size 1800mm (D)X 1900m(W)) complete as per technical specification, simplex full collective operation with/without attendant. Car/Hoistway Entrance, protected by stainless steel hairline doors and clear center opening min 800mm wide x 2000mm height. <b>8 passengers</b> (Minimum) capacity (minimum 544 Kgs) elevator, 5 stops & 5 openings car size of 1100mm wide x1300mm deep x 2200mm Height Inside dimensions and entrance at front side on all the serving floors, provided with matt finish stainless steel panel on all four side, stainless steel mirror finish ceiling, stainless steel hand rail on three sides complete as per specifications.	No	1		
<b>TOTAL FOR SITC OF ELEVATOR</b>					