

***TENDER***

***FOR***

**CONSTRUCTION OF MACHINE FABRICATION UNIT FOR  
CENTRAL ENGINEERING DIVISION AT AKKULAM FOR  
HLL LIFECARE LIMITED**

**PART-IV  
PRICE BID**

**TENDER NO. HITES/IDS/16/01  
APRIL 2016**



**M/S HLL INFRA TECH SERVICES LTD. (HITES)  
(SUBSIDIARY OF HLL LIFECARE LTD, A GOVERNMENT OF INDIA ENTERPRISE)  
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## **1 COMMERCIAL CONDITIONS**

1.0.1 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.

1.0.2 The tendered rate shall include for all taxes, duties, etc. as applicable and shall be quoted on the works contract basis for Construction of Machine fabrication Unit of Central Engineering Division at Akkulam for HLL Lifecare Limited.

1.0.3 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 on the case may be.

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

### **1.1 UNIT RATES**

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

### **1.2 BRIEF DESCRIPTION OF PRICING**

1.2.1. Unforeseen difficulties for which provision has not been made in the tender will in no way relieve the successful tenderer from the full execution of the work.

1.2.2 The price quoted shall be the final amount for this finished work.

### **1.3 INCOME TAX**

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

### **1.4 SALES TAX AND EXCISE DUTY**

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

### **1.5 SUBMISSION OF BILL**

- 1.5.1 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.

### **1.6 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.

- 1.6.1 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.
- 1.6.2 All measuring steel taps, scaffolding, ladders instruments and tools that may be required for taking measurements shall be supplied by the contractor.

## **1.7 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 Engineer-in-charge. 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.

1.7.1. 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 Engineer-in-charge on any point of dispute between the various parties shall be final and binding.

1.7.2. 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.

1.7.3. The contractor shall co-operate with other agencies appointed by the owners for the work to proceed smoothly with the least possible delay and to the satisfaction of the owners, architects and the consultants.

1.7.4. 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.

## **2 SPECIAL CONDITIONS**

### **2.1. EXECUTION WORK**

2.1.1. 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 Engineer-in-charge from time is to be carried out and completed in all parts to the entire satisfaction of the Employer. 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.

### **2.2. CERTIFICATE OF COMPLETION**

- 2.2.1 The contractor shall intimate to the Engineer-in-charge in writing as and when the works are completed and put into beneficial use in order to enable the consultants to check certify to the owners to take over the plants.
- 2.2.2 The work shall not be considered as completed and put into beneficial use until the consultants have certified in writing that the same has been completed and put into beneficial use.
- 2.2.3 The defects liability period of one year shall commence from date of such completion or any specific date mentioned therein.

### **2.3. OTHER CONDITIONS**

2.3.1 The contractor has to do all liasoning works and obtain statutory approval from Electricity board, Electrical inspectorate and any another body if required for the successful energisation of electrical supply. No charges will be paid to the contractor in this regard. However, statutory fees if any will be paid by HLL. All necessary drawings and documents required for the same has to be prepared and submitted by the contractor with the concurrence and approval of the Engineer-in-charge.

### **LIST OF APPROVED MAKES FOR CIVIL WORKS**

<b>S. No</b>	<b>Materials</b>	<b>Manufacturers / Agencies</b>
1	Ready mixed Concrete	L&T/ RMC/ RAMCO/ ACC/ Birla/ Ultratech/ POABS
2	Ordinary Portland Cement (Minimum 43 Grade)	ACC/UltraTech/India Cement/ Birla/Ramco
3	Reinforcement (Each LOT shall accompany manufacturer's Test Certificate)	SAIL/ TISCO( TATA)/ RINL/ VSP/ JINDAL
4	Stainless Steel	Salem Steel or as approved by Engineer in charge
5	Structural Steel	Conforming to BIS 2062 and approval of source by Engineer (TISCO/ SAIL/ VSP/ JINDAL)
6	White Cement	JK Cement/ Birla White/Asian
7	Sand	Sand / M Sand ( Crushed aggregate) to comply with CPWD spec / relevent IS code spec.
8	Bricks, Stones slabs, Lime, Neeru Stone aggregate	Material / Sample to be got approved before use
9	Vitrified Tiles	Nitco, Kajaria, RAK
10	Ceramic / Glazed Floor Tiles	Nitco, Kajaria, Somany
11	Aluminium Fittings	Everite, Garnish, Crown Classic
12	Hydraulic floor Spring	Dorma
13	Aluminium Extruded Sections	Jindal/ NALCO/Hindalco/ Indalco
14	Aluminium Doors/Windows	As approved by E-IN-C
15	Paints/ Synthetic enamel Paint/ Distempers/ Acrylic emulsion/ Cement primer/ Deluxe multi surface paint	Asian, Nerolac, Berger
16	Glazing (high performance glass for DGU and SGU)	Saint Gobain / Asahi / Pilkington
17	Glass	Saint Gobain / Asahi / Modiguard
18	Paver Block	As approved by Engineer In Charge
19	Water proofing Works	FOSROC/ SIKA / Pidilite / CICO/Penetron / Polyplus
20	Hydraulic Door Closers	Hardwyn, Everite, Garnish
21	Water Proofing Cement Paint	Snowcem India/ ICI/ Nerolac/ Berger/ asian
22	Super plasticizer	CICO, Roff / Pidilite

23	False Ceiling a) Gypsum b) Galvanized Steel	Armstrong / AMF Armstrong/Hunter Douglass Aerolite / Promat
24	Curtain/Wall/Structural Glazing	Specialist Agency to be employed with Prior Approval of E-In-C
25	Adhesive	Pidilite, Araldite, Cico
26	Plastic Laminates	Formica, Greenlam, Bakelite HYLAM
27	Powder Coatings	Berger/Nerocoat/Jenson & Nicholson
28	Tile Joint Filler	Bal Adhesives & Grouts, "ROFFE" Rainbow Tile Mate, Silicon Sealnet of GE Bayer Silicon/ "Zentrival FM" of MC-Bauchemie (India) P Ltd
29	PVC Doors	Sintex/ Polyex/ Rajshri
30	Anti – Termite Treatment	It should be done by permanent members of IPCA as approved by Engineer-in-Charge.
31	Vacuum Dewatered Flooring	Tremix / Sun Build / Avcon technics
32	MS Tubes	TATA / Lloyd/NSL
33	Silicon Sealant	Dow Corning
34	Anchor Fastener	Hilti, Bosch
35	Formwork Release Agent	Fosroc, MBT, MC Baucheme CICO, ADO Conmat
36	GI Pipes (ISI marked)	TATA, Zenith, Jindal, Gujarat Steel, ITC
37	GI Fittings (ISI marked)	'R' Brand KS/UNIK
38	PVC FITTINGS	Supreme / Finolex/ Prince
39	CP Brass Sanitary and water supply Fittings	Jaguar (Florentine)
40	CI Fixtures	Ashok Iron Works/Bombay Iron Works/A Husainji / Ismaelji
41	Plywood Products, Particle Boards & Veneers	Duroply (Green Marked, BWR Century Plywood, Green Plywood Kitply, Mysore Boards
42	Water proofing System	SIKA/Pidilite/Fosroc/ BASF
43	Night Latch	Godrej /Harrison / Link
44	SFRC Manhole Covers	KK/SK & Precast Concrete
45	SS Sink	Nirali, Hindware, Franke
46	Mirror	Modifloat/Saint Gobain



### **LIST OF APPROVED MAKES FOR ELECTRICAL WORKS**

<b>SL NO</b>	<b>ITEM</b>	<b>MAKES</b>
	<b>ELECTRICAL L T &amp; ELV Works</b>	
1	XLPE/PVC LT CABLES	Universal, Gloster, Torrent, RPG
2	CABLE GLANDS & LUGS	Comet, Dowells, Hex, Jainson
3	MOULDED CASE CIRCUIT BREAKER	Siemens, L&T, Schneider, ABB
4	PVC CONDUITS AND ACCESSORIES	Avon Plast, Balco, Precision
5	FRLS-PVC WIRES - (COPPER)	Finolex, RR Cables, Lapp Kable.
6	MODULAR SWITCHES & SOCKETS	Legrand (Arteor), MK (Blenze), Anchor (Woods)
7	INDUSTRIAL PLUG & SOCKET	Legrand, Indoasian, Havells
8	MCB DISTRIBUTION BOARDS	Legrand, Havells, Indoasian (Gold plus)
9	MCB's, RCCB, ISOLATORS	Legrand, Indoasian, Havells
10	TELEPHONE, Co-Axial cables	Delton, Finolex, Lapp Kable
11	LIGHT FIXTURES	Wipro, Philips, Crompton
12	LED / CFL Lamps	Philips/Osram/Crompton.
13	CEILING, EXHAUST, WALL FAN/Pedestral fan	Crompton/Bajaj,
14	NET WORK CABLE Cat 6-A UTP	AMP/Systimax/Panduit
15	Net Work Socket	AMP/Systimax/Panduit
16	U-PVC Trunking Type Cable Management System	Legrand/MK/Anchor

