

TENDER

FOR

***REPAIRS AND MAINTENANCE OF ESI HOSPITAL
BUILDINGS AT PALAKKAD***

**PART-III
PRICE BID**

**TENDER NO. HLL/ID / 13/08
JANUARY 2013**

HLL LIFECARE LIMITED

INFRASTRUCTURE DEVELOPMENT DIVISION

CONTENTS

S.NO	ITEM	PAGE NO.
1.	Commercial Conditions	2-4
2.	Special Conditions	5
3.	Schedule	6-17

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 Repairs and Maintenance of ESI Hospital Buildings at Palakkad.
- 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, service tax, Excise and other duties as applicable in his offer for carrying out this work.

1.6. SUBMISSION OF BILL

1.6.1. 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.

1.6.2. Within the above frame work of the terms of payment the contract's interim bills will have to be of a minimum value of Rs.32 lakhs only.

1.7. 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.

1.7.1 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.

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

1.8. 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.

- 1.8.1. 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.
- 1.8.2. 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.
- 1.8.3. 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.
- 1.8.4. 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.

1 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.

BILL OF QUANTITIES

Repairs and Maintenance of ESI Hospital Buildings at Palakkad					
Sl. No.	details of items	Unit	Quantity	Rate (Rs.) (in fig. & in words)	Amount (Rs.)
	Scheduled items				
1	Removing white or colour wash by scraping and sand papering and preparing the surface smooth including necessary repairs to scratches complete.	m2	9650.00		
2	Dismantling of tile work (including mosaic tile) in floors, and roofs laid in cement mortars including stacking material with in 50meters lead for thickness of tile 10mm to 25mm	m2	2100.00		
3	Earth work excavation in all kinds of soil for foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil	m3	10.00		
4	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth :				
	1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	m3	3.00		
5	Random rubble in cement mortar 1: 6 (1cement : 6 coarse sand) for foundation and basement	m3	3.00		
6	Brick work of class designation 75 in superstructure above plinth level upto floor V level. cement mortar 1 : 6 (1 cement : 6 coarse sand).	m3	3.00		

Sl. No.	details of items	Unit	Quantity	Rate (Rs.) (in fig. & in words)	Amount (Rs.)
7	Reinforced cement concrete work in beams, suspended floors, roofs having slope upto 15°, landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases upto floor five level excluding the cost of centring, shuttering, finishing and reinforcement with 1:2:4 (1 cement : 2 coarse sand: 4 graded stone aggregate 20mm nominal size)	m3	1.00		
8	Centering and shuttering including strutting, propping etc. and removal of form for shelf slabs	m2	125.00		
9	Reinforcement for reinforced cement concrete works including straightening, cutting, bending, binding and placing in position all complete:- Thermo Mechanically Treated bars Make-Visak, Sail, Tata	kg	100.00		
10	15 mm cement plaster of mix in fine sand 1:4 (1 cement:4 fine sand) to out side-use OPC 43 grade cement	m2	27.00		
11	6 mm cement plaster of mix in fine sand 1:3 (1 cement:3 fine sand) to under side of slab -use OPC 43 grade cement	m2	120.00		
12	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade two or more coat after applying priming coat	m2	4750.00		

Sl. No.	details of items	Unit	Quantity	Rate (Rs.) (in fig. & in words)	Amount (Rs.)
13	Distembering to the underside of roof slab	m2	2160.00		
14	Finishing walls with Exterior whether coat Emulsion of approved brand(Apex paint or Equivalent) of required shade on new work (Two or more coats over and including priming coat with cement primer on out side walls)	m2	2770.00		
15	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade	m2	175.00		
16	Painting with suitable colour paint two coats to doors and windows	m2	720.00		
17	Providing and fixing factory made PVC door frame made of PVC extruded section having overall dimension of 48 x 40 mm (tolerance + 1 mm) with wall thickness 2.0 mm + 0.2 mm, corners of the door frame to be mitred and jointed by means of plastic/M.S. galvanised brackets and stainless steel screws. The hinge side vertical of the frames reinforced by galvanised M.S.tube of size 19 x 19 mm and 1mm + 0.1 mm wall thickness and 3 nos. stainless steel hinges fixed to the frame complete as per manufacturers specification and direction of Engineer - in - charge (Sintex, Plasopan or duroplast)	m	60.00		

Sl. No.	details of items	Unit	Quantity	Rate (Rs.) (in fig. & in words)	Amount (Rs.)
18	Providing and fixing 30 mm thick factory made PVC rigid foam panelled door shutters manufactured by M/S. Rajshri or equivalent made from M.S.tube of 19 gauge thickness, size 19 x19 mm for styles and 15 x 15 mm for top and bottom rails, covered with heat moulded PVC "C" channel of 5 mm thick sheet and 30 x50 mm wide to form styles and 5 mm thick and 75 mm wide PVC sheets for top rail, lock rail and bottom rail on either side and 5 mm thick, 20 mm wide cross PVC sheet as gap insert for top rail ad bottom rail, panelling of 5 mm thick PVC sheet fitted in the M.S.frame welded/ sealed to the styles and rails with 5 x 30 mm PVC sheet beading on either side and joined together with solvent cement adhesive etc., complete as per manufacturers specification and direction of Engineer - in -charge fixed to frames with 4 Nos. M.S.powder coated butt hinges (for W.C. and bathroom shutters)	m2	21.00		
19	Providing and laying Ceramic glazed floor tiles 400 x 400 mm of not less than 7.5mm thick of 1st quality conforming to IS : 15622 of NITCO, ORIENT, KAJARIA or equivalent make in all colours, shades except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick Cement Mortar 1:4 (1 cement : 4 Coarse sand) including pointing the joints with white cement and matching pigment etc., complete.	m2	110.00		

Sl. No.	details of items	Unit	Quantity	Rate (Rs.) (in fig. & in words)	Amount (Rs.)
20	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS:15622 of minimum thickness 5 mm of approved make like NITCO, ORIENT, KAJARIA, or equivalent make in all colours, shades except begundy, bottle green, black or any size as approved by Engineer - in - Charge in skirting, risers of steps and dados over 12 mm thick bed of Cement Mortar 1: 3 (1 Cement : 3 Coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm including pointing in white cement mixed with pigment of matching shade complete.	m2	2050.00		
21	Providing and laying vitrified floor tiles of size 60x60 cm thickness 10mm of M/s Jonson or equivalent (Marbonite), Kajaria, or equivalent in light colours and shades , laid on 20mm thick cement mortar 1:4 filling the joints with filler to match the colour of tiles complete as directed by the Engineer in Charge.	m2	450.00		
22	Constructing brick masonry manhole in cement mortar 1:4(1 cement:4 coarse sand) R.C.C top slab with 1:2:4 mix (1 cement:2 coarse sand:4 graded stone aggregate 20mm nominal size), foundation concrete 1:4:8 mix (1 cement:4 coarse sand: 8 graded stone aggregate 40mm nominal size) inside plastering 12mm thick cement mortar 1:3 (1 cement:3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement:2 coarse sand: 4 graded stone aggregate 20mm nominal size) finished with a floating coat of neat cement complete as per standard design:				

Sl. No.	details of items	Unit	Quantity	Rate (Rs.) (in fig. & in words)	Amount (Rs.)
	Inside size 90X80cm and deep 45cm deep including C.I cover with frame (light duty) 455X610mm internal dimensions total weight of cover and frame to be not less than 38Kg (weight of cover 23 Kg and weight of frame 15Kg) With F.P.S bricks with class designation 75	Each	5.00		
23	Extra depth for manholes. Size 90X80cm. With F.P.S bricks class designation 75	m	2.00		
24	Constructing masonry chamber 60x60x75cm inside, in brick work in cement mortar 1:4 (1cement:4coarse sand) for sluice valve, with C.I. surface box 100mm top diameter, 160mm bottom diameter and 180mm deep inside) with chained lid and RCC top slab 1:2:4 mix (1cement : 2coarse sand : 4 graded stone aggregate 20mm nominal size) i/c necessary excavation, foundation concrete 1:5:10(1cement: 5 fine sand: 10 graded stone aggregate 40mm nominal size) and inside plastering with cement mortar 1:3 (1cement : 3 coarse sand) 12mm thick finished with a floating coat of neat cement complete as per standard design with common burnt clay F.P.S (non modular) bricks of class designation 7.5	Each	3.00		
25	Steel work in built-up tubular trusses including ducting, hoisting, fixing in position and applying a priming coat of approved steel primer, welded and bolted including special shaped washer etc. complete.	kg	48000.00		

Sl. No.	details of items	Unit	Quantity	Rate (Rs.) (in fig. & in words)	Amount (Rs.)
26	Providing and installation of Pre coated galvanized iron profile sheet (size shape and Pitch of corrugation as approved by engineer in charge) .5mm +/- 5% total coated thickness (TCT) thick Zic coating 120GSM as per IS : 277 in 240 MPA steel grade 5-7 microns epoxy primer on both side of the sheet and polymer top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied a single length upto 12 metre or as directed by engineer - in charge. The sheet shall be fixed using self drilling/self tapping screws size (5.5x55mm) with EPDM seal with polymer coated J or L hooks bolts and nuts 8mm diameter with bitumen and GI Limpet washers or with GI limpet washers filled with white lead complete any pitch in horizontal/vertical curved surfaces) excluding the cost of purlins rafters and trusses and including cutting to size and shape wherever required	m ²	3100.00		
27	Providing ridges or hips of width 60cm overall width plain GS sheet fixed with polymer coated J or L hooks ,bolts, and nuts 8mm dia GI limpet and bitumen washers complete.(0.63 mm thick with zinc coating not less than 275 gm/m ²) (12.4.2)	m	390.00		
28	Providing valleys of 90 cm wide overall in plain GS sheet fixed with polymer coated J or L hooks ,bolts, and nuts 8mm dia GI limpet and bitumen washers complete.1.6 mm thick with zinc coating not less than 350 gm/m ² (12.5.1)	m	110.00		

Sl. No.	details of items	Unit	Quantity	Rate (Rs.) (in fig. & in words)	Amount (Rs.)
29	Providing and fixing .63mm thick(with zinc coating not less than 275 gm/m ²) 15 cm wide 45cm overall semi-circular plain G.S sheet gutter with iron brackets 40x3mm size, bolts nuts and washers etc. including making necessary connections with rain water pipes complete	m	480.00		
30	Providing and laying cement concrete 1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) for foundation of posts and ladder excluding the cost of centering, shuttering and finishing(4.2.3)	m ³	9.00		
31	Painting Steel work with Deluxe Multi Surface Paint 'Uni-Glosss' of M/s Snowcem India Ltd., or equivalent to give an even shade. Two or more coat applied @0.90 ltr/10 sqm over an under coat of primer UG or equivalent, applied @ 0.80 ltr/ 10 sqm of approved brand or manufacture (13.48.3)	m ²	1310.00		
32	Providing and fixing on wall face with 110mm diameter unplasticised Rigid PVC rain water pipes conforming to IS :13592 type A including joining with seal ring conforming to IS : 5382 leaving 10mm gap for thermal expansion	m	150.00		
33	Providing and fixing on wall face with 110mm diameter unplasticised Rigid PVC moulded fittings/accessories for unplasticised rigid PVC rain water pipes conforming to IS :13592 type A including joining with seal ring conforming to IS : 5382 leaving 10mm gap for thermal expansion				

Sl. No.	details of items	Unit	Quantity	Rate (Rs.) (in fig. & in words)	Amount (Rs.)
a	110 mm Coupler	m	90.00		
b	110mm single tee with door	m	30.00		
c	110mm bend	m	30.00		
d	110mm shoe	m	30.00		
34	Providing and fixing unplasticised-PVC pipes clips of approved design to unplasticised-PVC rain water pipes by means of 50x50x50mm hard wood plugs, screwed with M.S screws of required length including cutting brick work and fixing in cement mortar 1:4(1cement : 4 coarse sand) and making good the walls etc. complete.	each	300.00		
35	Supplying and fixing rolling shutters of approved make ,made of required size MS laths interlocked together through their entire length and jointed together at the end by locks mounted on specially designed pipe 80x0.50mm MS lath with 0.5mm top cover	m2	28.00		

Sl. No.	details of items	Unit	Quantity	Rate (Rs.) (in fig. & in words)	Amount (Rs.)
36	Providing and fixing bright finished brass 100mm mortice latch and lock marked with 6 levers and a pair of anodised (anodic coating not less than grade AC 10 as per IS : 1868) aluminum lever handles with necessary screws etc complete (best make of approved quality)	nos	3.00		
37	Providing and fixing aluminium tower bolts ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 186) transparent or dyed to required colour or shade with necessary screws etc. complete.				
	(a) 300 x 10 mm	Each	4.00		
	(b) 150 x 10 mm	Each	4.00		
38	Providing and fixing aluminium handles ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc complete:				
	(a) 100 mm	Each	28.00		

Sl. No.	details of items	Unit	Quantity	Rate (Rs.) (in fig. & in words)	Amount (Rs.)
39	Providing and fixing aluminium hanging floor door stopper ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade with necessary screws etc. complete.				
	(a) Single rubber stopper	Each	8.00		
40	Providing and fixing aluminium casement stays ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade with necessary screws etc. complete. (9.102)	Each	40.00		
41	providing and fixing CP Brass long body bib coak (concealed) of standard design and approved make confirming to IS 8931- 18.51.1				
	15 mm nominal bore	Each	5.00		
42	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end)				
	(a) 25 mm nominal bore	each	8.00		
	(b) 40 mm nominal bore	each	5.00		

Sl. No.	details of items	Unit	Quantity	Rate (Rs.) (in fig. & in words)	Amount (Rs.)
43	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931				
	15 mm nominal bore(18.53.1)	Each	5.00		
44	Wood frame work with 2nd class teak wood for repairing and replacing the damaged frame of doors and windows including cost of materials and labour charges etc complete	0.50	m3		
45	Repairing and replacing the damaged doors and windows shutters by using 2nd class teak wood planks 30mm thick including cost of materials and labour charges etc. complete	25.00	m2		
	NON SCHEDULED ITEMS				
1	Machine polishing two coats to mosaic floor using best quality polish to give smooth finish and intermediate filling with white/ coloured cement and mansion polishing with surface etc. including hire of machineries, cost of material & labour etc complete.	m2	1620.00		
2	Cleaning sump, over head tanks, quarters tank by engaging man coolies	Each	20.00		
3	Repair to wooden shutters of doors and windows including dismantling and refixing etc. complete	Each	110.00		
	Total amount				