

TENDER

FOR

**RENOVATION OF EXISTING ESIC DISPENSARY
AT CHERUVANNUR IN KOZHIKODE DISTRICT,
KERALA**

**PART-III
PRICE BID**

**TENDER NO. HLL/ID / 13/06
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	6-31

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 Renovation of Existing ESIC dispensary at Cheruvannur in Kozhikode district, Kerala

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.14 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.

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.

BILL OF QUANTITIES

ABSTRACT

SEC.	DESCRIPTION OF ITEM	AMOUNT (Rs.)
1	CIVIL WORKS	
2	ELECTRICAL WORKS	
	GRAND TOTAL	Rs.

Renovation of ESIC Dispensary at Cheruvannur, Kozhikode District.

SL No	Description	Quantity	Unit	Rate (Rs.) (in fig. & in words)	Amount (Rs.)
	PART A CIVIL PORTION TOTAL				
	Scheduled items				
1	Dismantling doors, windows and clerestory windows (steel or wood) including shutters chowkhats, architrave, holdfasts etc. complete and stacking with in 50m lead Of area 3sq.meters and below	20.00	each		
2	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground with in 50 meters lead.	784.00	sqm		
3	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	6.00	cum		
4	Dismantling dressed stone work ashlar face stone work, marble work or precast concrete work manually/by mechanical means including stacking of serviceable and disposal of unserviceable material within 50* metres lead as per direction of Engineer-in-charge: In cement mortar	13.00	cum		
5	Repairs to plaster of thickness 12mm to 20mm in patches of area 2.5 sq meters and under including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete including disposal of rubbish to the dumping ground with in 50m lead: With cement mortar 1:4 (1 cement : 4 fine sand)	35.00	sqm		
6	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc complete	4629.00	sqm		

SL No	Description	Quantity	Unit	Rate (Rs.) (in fig. & in words)	Amount (Rs.)
7	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade: Two or more coats on new work.	1424.00	sqm		
8	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface: Water thinnable cement primer.	2108.00	sqm		
9	Distempering with 1st quality acrylic distemper (ready mixed) of approved manufacturer, of required shade and colour complete, as per manufacturer's specification. Two or more coats on new work.	973.00	sqm		
10	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade two or more coats	206.00	sqm		
11	Painting with oil type wood preservative of approved brand and manufacture Old works (one or more coats)	651.00	sqm		
12	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m, disposed earth to be levelled and neatly dressed.	130.00	cum		
13	Reinforced cement concrete work in vertical and horizontal fins individually or forming box louvers, facias and eaves boards up to floor five level excluding the cost of centering, shuttering, finishing and reinforcement with 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	23.00	cum		

SL No	Description	Quantity	Unit	Rate (Rs.) (in fig. & in words)	Amount (Rs.)
14	Centering and shuttering including strutting, propping etc. and removal of form for Suspended floors, roofs, landings, balconies and access platform.	246.00	sqm		
15	Reinforcement for RCC works including straightening, cutting, bending, placing in position and binding all complete. Thermo - Mechanically treated bars (Using Vizac,Tata,or SAIL)	2300.00	kg		
16	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 75 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:6 (1 cement : 6 coarse sand)	25.00	cum		
17	Half Brick masonry with F.P.S bricks of class designation 75 in super structure above plinth level upto floor V level in Cement mortar 1:3 (1 cement : 3 coarse sand)	236.00	sqm		
18	Extra for providing and placing in position 2 nos 6mm dia. M.S bars at every third course of half brick masonry (with F.P.S bricks)	236.00	sqm		
19	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc. including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Hot finished welded type tubes.	1152.00	kg		
20	Providing and fixing M.S grills of required pattern in frames of windows etc with M.S.flats, square or round bars etc all complete:- Fixed to openings/wooden frames with rawl plugs screws etc	311.00	kg		

SL No	Description	Quantity	Unit	Rate (Rs.) (in fig. & in words)	Amount (Rs.)
21	Providing and fixing M.S. fan clamp type I or II of 16 mm dia M.S. bar bent to shape with hooked ends in R.C.C. slabs, beams during laying including painting the exposed portion of loop, all as per standard design complete.	10.00	each		
22	Providing corrugated GS sheets roofing including vertical/curved surface fixed with polymer coated J, or L hooks, bolts and nuts 8 mm dia with bitumen and G.I limpet washers or with GI limpet washers filled with white lead and including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete up to any pitch in horizontal/vertical or curved surfaces)excluding the cost of purlins, rafters and trusses and including cutting to size and shape whenever required 0.63mm thick with zinc coating not less than 275gm/m2	85.00	sqm		
23	Providing and fixing on wall face unplasticised- Rigid PVC rain water pipes conforming to IS:13592 type A including jointing with seal ring conforming to IS:5382 leaving 10mm gap for thermal expansion (i) Single socketed pipes – 110mm diameter OD	68.00	Rm		
24	Providing and fixing on wall face unplasticised- Rigid PVC rain water pipes conforming to IS:13592 type A including jointing with seal ring conforming to IS:5382 leaving 10mm gap for thermal expansion Bend 87.50 110mm diameter OD Plain Bend	15.00	each		
25	Providing and fixing unplasticised-P.V.C pipes clips of approved design to unplasticised-P.V.C rain water pipes by means of 50 x 50 x 50 mm hard wood plugs, screwed with M.S screws of required length including cutting brick work and fixing in cement mortar 1 : 4 (1 cement : 4 coarse sand) and making good the walls etc. complete 110mm	60.00	each		

SL No	Description	Quantity	Unit	Rate (Rs.) (in fig. & in words)	Amount (Rs.)
26	Providing and fixing to the inlet mouth of rain water pipe cast iron grating 15cm diameter and weighing not less than 440 grams.	15.00	each		
27	Providing and laying rectified Glazed Ceramic floor tiles 400x400 mm or more (thickness to be specified by the manufacturer) of M/s. JOHNSON, 1st quality conforming to IS : 15622 of approved make in colours White, Ivory, Grey, Fume Red Brown, laid on 20mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand) including grouting the joints with white cement and matching pigments etc., complete.	61.00	sqm		
28	Providing and laying polished vitrified floor tiles of size 600x600mm of thickness 10mm or nearest size of M/s. JOHNSON, in light colours and shades, with water absorption's less than 0.08% and conforming to IS:15622, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with cement and matching pigments etc, complete as directed by the Engineer-in-charge. 60x60 cm size	862.00	sqm		
29	Providing and laying anti skid ceramic floor tiles of 400x400mm size for toilets (7.5mm thickness or nearest size) of M/s. JOHNSON, 1st quality conforming to IS: 15622 of approved make in all colours, shades, except white, ivory, grey, fume red brown laid on 20mm thick bed of cement mortar 1:4 (1 cement : 4 coarse sand) including pointing the joints with white cement and matching pigments etc complete. 400x400 mm size	30.00	sqm		
30	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622, thickness not less than 5 mm of approved make like JOHNSON, or approved by Engineer in charge in all colours, shades Except bottle green, Black of any size as approved by engineer in charge in skirting, rises of step and dados over 12mm 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. 20x30 cm size	892.00	sqm		

SL No	Description	Quantity	Unit	Rate (Rs.) (in fig. & in words)	Amount (Rs.)
31	Providing and fixing 18mm gagsaw cut mirror polished (premoulded and prepolished) machine cut for kitchen plat forms, vanity counters, window sills, facias and similar locations of required size of approved shade, colour and texture laid over 20mm thick base cement mortar 1:4 (1cement :4 coarse sand) with joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing moulding and polishing to edge to give high gloss finish etc. complete at all levels. Granite of any colour and shadeArea of slab over 0.50sqm	28.00	sqm		
32	Extra for prefinished nosing to treads of steps of marble stone	58.00	Rm		
33	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of fine sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-in-charge.	296.00	sqm		
34	Providing and fixing factory made UPVC door frame made of UPVC extruded, section having an over all dimension, as below (tolerance +/- 1mm) with wall thickness 2.0mm +/-0.2mm, corners of the door frame to be joined with galvanized brackets and stainless steel screws, joint mitred and plastic wilded. The hinge side vertical of the frames reinforced by galvanized MS tube of size 19x19mm and 1mm +/- 0.1mm wall thickness and 3nos. stainless steel hinges fixed to the frame complete as per manufacturers and direction of Engineer in Charge. Extruded section Profile size48x40mm	17.00	Rm		

SL No	Description	Quantity	Unit	Rate (Rs.) (in fig. & in words)	Amount (Rs.)
35	Providing and fixing to existing door frames 24mm thick factory made PVC door shutters made of styles and rails of a UPVC hollow section of size 59x24 mm and wall thickness 2mm +/- 0.2mm with inbuilt edging on both sides. The styles and rails mitred and jointed at the corners by means of M.S. galvanised/plastic brackets of size 75 x 220 mm having wall thickness 1mm and stainless steel screws. the styles of the shutter reinforced by inserting galvanised M.S. tubes of size 20 x 20mm and 1mm +/- 0.1 mm wall thickness. the lock rail made up of 'H' section, a UPVC hollow section of size 100 x 24mm and 2mm +/- 0.2 mm wall thickness fixed to the shutter styles by means of plastic /galvanised M.S. 'U' cleats. The shutter frame filled with a UPVC multi-chambered single panel of size not less than 620mm, having over all thickness of 20mm and 1mm +/- 0.1mm wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer - in - Charge. (For W/C and Bathroom Shutter)	10.00	sqm		
36	12 mm cement plaster of mix 1:4 (1 cement : 4 fine sand)(Using 43 grade OPC)	903.00	sqm		
37	6mm cement plaster to ceiling of mix 1:3 (1 cement : 3 fine sand)(Using 43 grade OPC)	32.00	sqm		
38	Finishing walls with Acrylic smooth exterior paint (weather coat) of required shade:- New work (Two or more coats applied @ 1.67 ltr/10 sqm over and including base coat of water proofing cement paint applied @ 2.2 kg/10sqm.)	977.00	sqm		
39	Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer specifications including appropriate priming coat, preparation of surface, etc. complete On steel work	83.00	sqm		

SL No	Description	Quantity	Unit	Rate (Rs.) (in fig. & in words)	Amount (Rs.)
40	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixed with rawl plugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/ neoprene felt etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing/panelling. C.P. brass/ stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing and panelling to be paid for separately):For fixed portion Anodised aluminium (anodised transparent or dyed required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	140.00	kg		
41	Providing and fixing aluminium work for doors, windows, ventilators, and partitions with extruded built up standard tubular sections / appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixed with rawl plugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC / neoprene felt etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing/panelling. C.P. brass/ stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing and panelling to be paid for separately): For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of PVC/ neoprene gasket required (Fittings shall be paid for separately). Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	108.00	kg		

SL No	Description	Quantity	Unit	Rate (Rs.) (in fig. & in words)	Amount (Rs.)
42	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC/ neoprene gasket etc. complete as per the architectural drawings and directions of engineer-in-charge. (Cost of aluminium snap beading shall be paid in basic item):With float glass panes of 5.0 mm thickness	24.00	sqm		
43	Providing and fixing 12mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS12823 Grade 1 type II, in panelling fixed in aluminium doors, windows shutters and partition frames with C.P brass/ stainless steel screws etc. complete as per architectural drawings and directions of engineer in charge Pre laminated particle board with decorative lamination on both sides	74.00	sqm		
44	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. Twin rubber stopper	5.00	each		
45	Providing and fixing aluminium tower bolts 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: 200 x 10 mm	23.00	each		
46	Providing and fixing aluminium round shape handle of outer dia 100mm with SS screws etc. Complete as per direction of Engineer-in-charge Anodized (AC 15) aluminium	46.00	each		
47	Providing and fixing 100mm brass locks (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete.	23.00	each		

SL No	Description	Quantity	Unit	Rate (Rs.) (in fig. & in words)	Amount (Rs.)
48	Providing and fixing double action hydraulic floor spring of approved brand and manufacture IS : 6315 marked, for doors including cost of cutting floors as required, embedding in floors and cover plates with brass pivot and single piece M.S. sheet outer box with slide plate etc. complete as per the direction of Engineer-in-charge With stainless steel cover plate	3.00	each		
49	Providing and fixing IS : 3564 marked Aluminium die cast body tubular type universal hydraulic door closer with necessary accessories and screws etc. complete	8.00	each		
50	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position : Second Class Teak Wood	2.00	cum		
51	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws excluding, panelling which will be paid for separately, all complete as per direction of Engineer-in-charge.	91.00	sqm		
52	Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10mm diameter bolts, nuts and wooden plugs and embedding in cement concrete block 30x10 x 15cm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size)	160.00	each		
53	Providing and fixing white vitreous china pedestral type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & CP flush bend with fittings & CI brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete including painting of fittings and brackets, cutting and making good the walls and floors wherever required. WC pan with ISI marked black solid plastic seat and lid of make Parry ware	6.00	each		

SL No	Description	Quantity	Unit	Rate (Rs.) (in fig. & in words)	Amount (Rs.)
54	Providing and fixing wash basin with C.I/M.S. brackets, 15mm C.P. brass pillar taps, Kingston/ Gem/ Techno/ Parko, 32mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever required: White Vitreous China Wash basin size 550x400mm of make Parry ware with single 15mm C.P.brass pillar tap	20.00	each		
55	Providing and fixing 600x450mm bevelled edge mirror 5mm thick of superior glass(of approved quality) complete with 6mm thick hard board ground fixed to wooden cleats with C.P.brass screws and washers complete.	20.00	each		
56	Providing and fixing PTMT towel ring round/trapezoidal shape 215mm long,200mm wide with a minimum distance of 37mm from wall face with concealed fittings arrangement of approved quality, colour and make weighing not less than 80gms	20.00	each		
57	Providing and fixing PTMT liquid soap container 109mm wide, 125mm high and 112mm distance from wall of standard shape with bracket of the same material with snap fittings of approved quality, colour and make, weighing not less than 105gms	20.00	each		
58	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.				
	20mm	100.00	Rm		
	32MM	100.00	Rm		

SL No	Description	Quantity	Unit	Rate (Rs.) (in fig. & in words)	Amount (Rs.)
	40MM	100.00	Rm		
	50MM	75.00	Rm		
59	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.(i) Single socketed pipes.				
	75mm	50.00	Rm		
	110mm	50.00	Rm		
60	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.				
	110mm	4	each		
	75mm	4	each		

SL No	Description	Quantity	Unit	Rate (Rs.) (in fig. & in words)	Amount (Rs.)
61	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.				
	110x110x110mm width door	10	each		
	75x75x75mm width door	10	each		
62	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.				
	75x75x75mm without door	5	each		
	110x110x110mm without door	5	each		
63	Providing and fixing C.P brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms. 15 mm nominal bore	6	each		
64	Providing and fixing C.P brass stop cock (concealed) of standard design of approved make conforming to IS 8931. conforming to IS standards and weighing not less than 690 gms. 15 mm nominal bore	20	each		

SL No	Description	Quantity	Unit	Rate (Rs.) (in fig. & in words)	Amount (Rs.)
65	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end)				
	40mm nominal bore	2	each		
	50mm nominal bore	2	each		
66	Providing and fixing unplasticised PVC connection pipe with brass unions: 30 cm length 15mm nominal bore	10	each		
67	Providing and fixing Salem stainless steel A ISI 304 (18/8) kitchen sink as per IS 13983 with C.I brackets and stainless steel plug 40mm including painting of fittings and brackets, cutting and making good the walls wherever required a) Kitchen sink without drain board 470 x 420mm bowl depth 178mm	3	each		
68	Constructing brick masonry manhole in cement mortar 1:4 (1 cement: 4 coarse sand) RCC 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 with cement mortar 1:3 (1 cement : 3 fine 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: Inside size 90x80cm and 45cm deep including CI cover with frame (light duty) 455x910mm internal dimensions total weight of cover and frame to be not less than 38kg(weight of cover 23kg and weight of frame 15kg) With FPS bricks with class designation 75	3	each		

SL No	Description	Quantity	Unit	Rate (Rs.) (in fig. & in words)	Amount (Rs.)
69	Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors: 100mm inlet and 100mm outlet pvc	6	each		
70	Providing and placing on terrace (at all floor levels) poly ethylene water storage tank ISI: 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and over flow pipes but without fittings and the base support for tank	3000.00	litre		
	PART B ELECTRICAL PORTION				
	Scheduled items				
1	Point wiring in PVC conduit, with Modular type switch: Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FR PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular				
a	Group A	10	Point		
b	Group B	40	Point		
c	Group C	15	Point		
2	Twin control point wiring in PVC conduit, with modular type switch: Wiring for twin control light point with 1.5 sq.mm FR PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, 2 way modular switch, modular plate	2	Point		

SL No	Description	Quantity	Unit	Rate (Rs.) (in fig. & in words)	Amount (Rs.)
3	Power plug wiring in PVC conduit (2x4 sq mm): Wiring for light/ power plug with 2X4 sq. mm FR PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit alongwith 1 No 4 sq. mm FR PVC insulated copper conductor single	100	Metre		
4	Circuit Sub main wiring in PVC Conduit: Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required				
a	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	300	Metre		
b	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	100	Metre		
c	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	50	Metre		
d	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	30	Metre		
d	4 X 6 sq. mm + 2 X 6 sq. mm earth wire	50	Metre		
5	Telephone wiring in existing conduit: Supplying and drawing following pair 0.5 sq mm FR PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required.				

SL No	Description	Quantity	Unit	Rate (Rs.) (in fig. & in words)	Amount (Rs.)
	2 Pair	40	Metre		
6	T. V cable in existing conduit: Supplying and drawing co-axial TV cable RG-6 grade, 0.7 mm solid copper conductor PE insulated, shielded with fine tinned copper braid and protected with PVC sheath in the existing surface/ recessed steel/ PVC conduit as required	40	Metre		
	STEEL/PVC CONDUIT, METAL BOXES				
7	S/F PVC conduit: Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.				
a	20 mm	300	Metre		
b	25 mm	100	Metre		
	SWITCHES & ACCESSORIES				
8	S/F Modular type switch/ socket: Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.				
a	5/6 amps switch	10	Each		

SL No	Description	Quantity	Unit	Rate (Rs.) (in fig. & in words)	Amount (Rs.)
b	15/16 amp switch	2	Each		
c	3 pin 5/6 amp socket outlet	6	Each		
d	Telephone socket outlet	2	Each		
e	TV antenna socket outlet	4	Each		
f	Bell push	2	Each		
9	S/F Modular type blanking plates: Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required.	25	Each		
10	S/F Modular boxes, base & cover plate: Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc as required.				
a	1 or 2 Module (75mmX75mm)	30	Each		
b	4 Module (125mmX75mm)	10	Each		

SL No	Description	Quantity	Unit	Rate (Rs.) (in fig. & in words)	Amount (Rs.)
c	8 Module (125mmX125mm)	10	Each		
d	12 Module (200mmX150mm)	10	Each		
11	S/F light plug point modular type accessories: Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required	20	Each		
12	S/F Power plug point with modular type switch: Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required	6	Each		
13	S/F Ceiling rose: Supplying and fixing 3 pin, 5 amp ceiling rose on the existing junction box/ wooden block including connection etc as required.	40	Each		
14	ITC Fluorescent fitting directly on surface: Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting of all types, complete with all accessories and tube etc. directly on ceiling/ wall, including connection with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable and earthing etc. as required.	36	Each		

SL No	Description	Quantity	Unit	Rate (Rs.) (in fig. & in words)	Amount (Rs.)
15	ITC Fluorescent fitting with down rod: Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting of all types, complete with all accessories and tube etc., including supplying and fixing ball and socket arrangement, 2 no. down rods of 20 mm dia X 1.6 mm thick steel conduit upto 30 cm length, painting and wiring the down rods and connection with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable and earthing etc. as required.	4	Each		
16	S/F extra down rod: Providing and fixing extra conduit down rod of 20 mm dia, 2 X 10 cm length wiring with 2 X 1.5 sq. mm FR PVC insulated, copper conductor, single core cable including painting etc. as required. (Note : More than 5 cm length shall be ignored)	20	Each		
17	ITC Ceiling fan: Installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable etc. as required.	20	Each		
18	Extra down rod 15 mm dia 10 CM Length: Supplying and fixing extra down rod of 10 cm length G.I. pipe ,15 mm dia, heavy gauge including painting etc. as required. (Note : More than 5 cm length shall be rounded to the nearest 10 cm and 5 cm or less shall be ignored)	10	Each		
19	ITC Exhaust fan: Installation of exhaust fan in the existing opening, including making good the damage, connection, testing, commissioning etc. as required.				
	Upto 450 mm sweep	6	Each		
	MCB DISTRIBUTION BOARDS				
20	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing				

SL No	Description	Quantity	Unit	Rate (Rs.) (in fig. & in words)	Amount (Rs.)
a	2 + 8 way, Single door	1	Each		
b	2 + 12 way, Single door	2	Each		
21	S/F TP MCB DB: Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)				
	4 way (4 + 12), Double door	1	Each		
	MCB's				
22	S/F 'C' series, MCB: Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required				
a	Single pole	24	Each		
b	Triple pole	2	Each		
23	S/F S P MCB blanking plate: Supplying and fixing single pole blanking plate in the existing MCB DB complete etc. as required.	10	Each		

SL No	Description	Quantity	Unit	Rate (Rs.) (in fig. & in words)	Amount (Rs.)
24	Supplying and fixing following rating, double pole, 240 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
	40 amps	5	Each		
25	S/F FP MCB Isolator: Supplying and fixing following rating, four pole, 415 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
	40 amps	1	Each		
26	S/F TPN RCCB: Supplying and fixing following rating, four pole, (three phase and neutral), 415 volts, residual current circuit breaker (RCCB), having a sensitivity current upto 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
a	40 amps	1	Each		
b	63 Amps	1	Each		
27	S/F 20A SPN MCB industrial socket outlet: Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 amps "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.	4	Each		

SL No	Description	Quantity	Unit	Rate (Rs.) (in fig. & in words)	Amount (Rs.)
	3.0 EARTHING				
28	G.I. Earth plate Electrode with Salt & Charcoal: Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required.	2	Set		
29	Supplying and laying 6 SWG G.I. wire in ground: Supplying and laying 6 SWG G.I. wire at 0.50 metre below ground level for conductor earth electrode, including connection/ termination with GI thimble etc. as required.	50	Metre		
	Total for DSR ITEMS				
	LMR ITEMS				
1	Supply of Surface mounting, box type Fluorescent Tube Light Luminaire fittings pre wired with electronic choke, starter etc, white powder coated CRCA sheet steel housing with reflector cover, of model No DJB 1214 LDB, 1x36 W FTL of Crompton or any other equ	30.00	Each		
2	Supply of Fluorescent tube fitting sleek & decorative strip type fixture with domestic electronic ballast and coloured engineering plastic end plates, suitable for T5 FTL 1x28W and all other accessories, with T5 Fluorescent tube 1x28 watts (Govt: approved	10.00	Each		
3	Supplying ceiling fan 1200 mm sweep of approved colour and quality (Govt. approved brands like Crompton, Bajaj, Usha, Polar, Anchor Havels etc) with original down rod. Suspension Shakle, canopy etc without regulator.	20.00	Each		
4	Supply of exhaust fan 400 mm sweep, Metal blades of approved colour and quality (Govt: approved brands like Crompton, Bajaj, Havells, Almonard)	6.00	Each		
5	Supply and fixing CFL bulb 15 Watts: Supply and fixing Compact Fluorescent Lamp(CFL) Bulb 15 watts of approved quality& Make such as Bajaj/ Wipro/ crompton/ GE	20.00	Each		

SL No	Description	Quantity	Unit	Rate (Rs.) (in fig. & in words)	Amount (Rs.)
6	Supplying and fixing Bulk Head luminaire CFL 1x10 W, complete with glass cover and M.S galvanised wire guard, of model No ICBH 10 of crompton make or any other equivalent make such as G.E, Bajaj, Philips etc approved by Engineer in charge, wiring with 2x	5.00	Each		
7	Supplying and fixing Decorative compact street light luminaire with single CFL 1x18 watts, complete with M.S Housing and clear acrylic cover, of model No:SCE 1218 Paragon of Crompton make or any other equivalent make such as G.E, Bajaj, Wipro, Havels etc	10.00	Each		
8	S/F PVC holder: Supplying and fixing PVC batten / angle holder including connection etc as required.	20.00	Each		
9	Supplying and fixing following rating, double pole, 240 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.	6.00	Each		
10	Dismantling the existing wiring with fitting and collecting the same to a convenient place	20	Points		
11	Dismantling existing Tube fixing, ceiling fans, etc. and collecting the same to a convenient place	10	Each		
12	Cleaning the existing ceiling Fan, attending minor repairs, Painting two coats with best enamel paints as required	10	Each		
13	Supplying and fixing Double bolt type Fan clamp (Hook) on R C Slab including painting	14	Each		

SL No	Description	Quantity	Unit	Rate (Rs.) (in fig. & in words)	Amount (Rs.)
14	Supplying and installation of TR split Airconditioners suitable for operation on A/C supply single phase 50Hz 230 Volts with hermetically sealed compressor with air cooled condenser, motor capacitor start run capacitors relay and over load protector inter (3 star)				
a	1.5 ton capacity	3	Each		
	LMR item Total Rs				