

**TENDER DOCUMENT FOR CIVIL & INTERIOR WORKS AT
LIFECARE CENTRE,
NIMHANS, BANGALORE**

Tender No. HLL/HCS/BLR/2013-14/NIM/Civil/13

Dated 26-08-2013



**HLL LIFECARE Ltd
(A Govt. Of India Enterprise)
Healthcare Service Division Headquarters
#32/1/1,Kuvempu Coffee Board Layout
Kempapura,Bengaluru - 560024
080-23626201,23626202**

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NOTICE INVITING TENDER

Sub: Civil & Interior work for Lifecare Centre at NIMHANS Hospital, Bangalore

Tender No. - HLL/HCS/Bang/2013-14/

dated 26-08-2013

HLL Lifecare Ltd, a Government of India Undertaking, invites sealed and super scribed quotation from interested contractors having minimum three years of experience in the relevant field for the work at NIMHANS Hospital, Bangalore for our Lifecare Centre.

The estimated value of present purchase is around **Rs. 8,25,000.00** (Rupees Eight Lakhs Twenty Five Thousand only)

Publishing date of bid: 26th August 2013

Last date of submission : 2nd April 2013, 14.00 Hours.

*(at the office of the Group Head (HCS),
Healthcare Service Division Headquarters
#32/1/1,Kuvempu Coffee Board Layout
Kempapura,Bengaluru - 560024
080-23626201,23626202)*

Opening of bid: 2nd September 2013, 16.00 Hours.

*Healthcare Service Division Headquarters
#32/1/1,Kuvempu Coffee Board Layout
Kempapura,Bengaluru - 560024
080-23626201,23626202*

Interested applicants can participate in the bid.

HLL reserves the right to accept or reject any application without assigning any reason or incurring any liability whatsoever. Prospective bidders are advised to regularly scan through HLL web site as corrigendum/amendments etc., if any, will be notified on the HLL web site and separate advertisement will not be made for this regard

GENERAL TERMS & CONDITIONS.

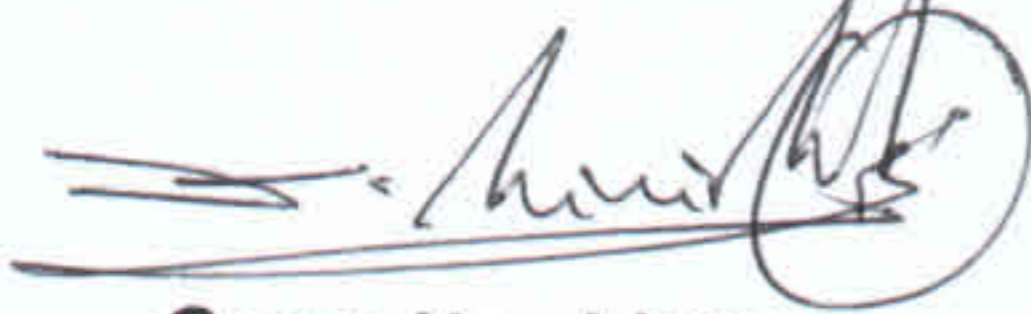
1. The estimated cost of the work is **Rs.8,25,000.00** (Rupees Eight Lakhs Twenty Five Thousand only)
2. **Eligibility criteria:**
 - a. Bidders should have executed satisfactorily at least one job preferably of similar kind and contract should be valuing not less than three lakhs during the last two year in satisfactory manner.
 - b. Bidders should have minimum two years experience in the relevant field.
 - c. Documental proof for the above eligibility criteria should be submitted along with offer.
3. The schedule of quantities (ANNEXURE-A) is appended. Bidders are advised to go through the entire general terms and conditions of this contract carefully.
4. **Earnest money of Rs 10,000/-**(Rupees Ten thousand only) in the form of a Demand Draft of a scheduled bank issued in favor of HLL Lifecare LTD ,HLL Bhavan, Poojappura, Thiruvananthapuram, which should be placed in a separate sealed cover marked "Earnest money" shall be submitted along with the tender.
5. The filled & duly signed tender should be submitted to
Group Head (HCS), Healthcare Service Division,
#32/1/1,Kuvempu Coffee Board Layout
Kempapura,Bengaluru - 560024
080-23626201,23626202) on or before **02-09-2013 by 14.00 Hrs.** The application shall be clearly marked "**Tender Document for Civil & Interior work at Lifecare Centre, NIMHANS Hospital, Bangalore**". The tender will be opened at **16:00Hrs** on the same day itself in the presence of interested bidders or their authorized representatives who choose to attend at the time of opening of tender.
6. The work shall be completed within 21 **days** from the date of receipt of Work Order or LOI
7. The tender for the work shall remain open for acceptance for a period of **90days** from the date of opening of tender.
8. The contractor shall visit the site before quoting the rates and clarifications if any required can be had from the address mentioned above.
9. Rates quoted should be inclusive of all cost of materials, Tools/Equipments labor charges, conveyance to site, handling charges, loading and unloading charges, hiring charges, clearing of debris, statutory payments etc.

10. The Management reserves the right to accept or reject the Tender either partially or fully without assigning any reason what so ever.
11. The work should be carried out without causing any inconvenience to the public and shall ensure that no damages are caused to the existing site premises.
12. During the execution of work the contractor or authorized representative should be present at site.
13. All Materials, Equipments/ Tools required for the work should be arranged by the contractor and brought to site for the timely completion of the work.
14. The materials used shall be as per specification and of good quality.
15. The Contractor has to arrange necessary insurance coverage for the machine, workmen etc. deployed by him. He shall arrange all safety measures to protect his workmen and also the properties of HLL.
16. **Security Deposit and Defect liability period:** Security Deposit shall be deposited @ 10% of the work order amount and It should be submitted after the award of tender and before commencement of the work at site. **The Security deposit will be released after the defect liability period of one year.** Statutory deductions like Income tax, work contract tax, etc. will be deducted from the bill as per the rules of the company. The work site safety of all employees, their ESI, PF etc will have to be borne by the contractor.
17. **Penalty for delay:** Penalty shall be imposed at 0.5% per week to a maximum of 7.5% of the contract value for any delay committed by the contractor in completing the work as per the order.
18. **Measurement & Payment terms:** The method of measurement of completed work shall be in accordance with the standard measurement. Payment will be made on satisfactorily completion of work as per the order. Interim or running account bills shall be submitted by the contractor for the work executed on the basis of such recorded measurements in the format of HLL. All such interim payments shall be regarded as payment by way of advances against final payment only, and shall not preclude the requiring of bad, unsound and imperfect or unskilled work to be rejected, removed, taken away and reconstructed or re erected. Any certificate given by the officer relating to the work done or materials delivered forming part of such payment, may be modified, or corrected by any subsequent such certificate(s) or by the final certificate and shall not by itself be conclusive evident that any work or material so which it relates is /are in accordance with the contract and certificate. Any such interim payment,/any part there of shall not in any respect conclude, determine or affect in any way powers of the engineer in charge under the contract or any of such payment s be treated

as final settlement and adjustment of accounts or in any way vary or affect the contract.

19. **Payment Schedule:** 20% of the total work order amount will be released on supply of materials on the site subject to the HLL officers verification of the items, 80% will be paid subjected to the completion of work against submission of running account bills after effecting the deductions as shown in Clause 16.
20. The Quantity shown in the schedule is an approximate estimated quantity. No extra rate will be entertained if the quantity exceeds due to the site condition while executing the work.
21. **Final payment** shall be paid only after clearing the site as per direction of Engineer-in-charge/ Officer in charge.
22. **Settlement of Dispute:** Arbitration shall not be the means of settlement of dispute or claims or anything on account of this Contract. If any disputes and difference arising out of the contract are to be settled by a civil court at Thiruvananthapuram.

For HLL Lifecare Ltd.



Group Head (HCS)

ANNEXURE-A

Interior Work of Health Care Centre at NIMHANS, Bangalore				
SL. no	DSR-2012	Description	Unit	Quantity
PART A -CIVIL WORKS - SCHEDULE				
1	15.3	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.	m3	10.60
2	15.52	Dismantling of flushing cistern of all types (C.I./PVC/Vitrious China) including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead.	each	1.00
3	15.25	Dismantling stone slab flooring laid in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 meters lead	Sqm	2.00
4	15.13	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead:		
	15.13.2	Of area beyond 3 sq. metres	Each	7.00
5	4.1.8	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size)	m3	0.20

6	5.3	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases up to floor five level excluding the cost of centering, shuttering, finishing and reinforcement with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).	m3	0.50
7		Centering and shuttering including strutting, propping etc. and removal of form for :		
	5.9.3	Suspended floors, roofs, landings, balconies and access platform.	m2	4.00
8	5.22.6	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.		
		Thermo-Mechanically Treated bars. Vizag,TATA or Sail	Kg	50.00
9	6.4.1	Brick work in cement mortar 1:4 (1 cement : 4 coarse sand)with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :	m3	1.50
10		Providing and fixing 18mm thick gang saw cut mirror polished premoulded and prepolished) machine cut for kitchen platforms, 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 (1 cement : 4 coarse sand) with joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels.		
		Granite of any colour and shade		
	8.2.2.2	Area of slab over 0.50 sqm.	m2	4.10

11	8.3	Providing edge moulding to 18mm thick marble stone counters, Vanities etc. including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge.		
	8.3.2	Granite work.	m	9.00
12	10.3	Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2mm and braced with flat iron diagonals 20x5mm size, with top and bottom rail of T-iron 40x40x6mm, with 40mm dia steel pulleys, complete with bolts, nuts, locking arrangement, stoppers, handles, including applying a priming coat of approved steel primer.	m2	2.60
13	11.36	Providing and fixing Ist quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades except burgundy, bottle green, black of 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 @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete.	m2	9.50
14	11.37	Providing and laying Ceramic antiskid floor tiles 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4Coarse sand) including pointing the joints with white cement and matching pigment etc., complete.	m2	2.00
15	13.1.1	Plastering with cement mortar 1:4,(1 cement: 4 fine sand) 12 mm thick one coat to the newly constructed wall for one side	m2	14.00

16	13.2.1	Plastering with cement mortar 1:4,(1 cement: 4 fine sand)15 mm thick one coat to the newly constructed wall for one side	m2	7.50
17	13.16.1	6 mm cement plaster of mix 1:3 (1cement : 3 fine sand) for slabs	m2	4.00
18		Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade:		
	13.62.1	Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture.	m2	3.00
19	13.43.1	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface :	m2	350.00
20	13.45	Finishing walls with exterior paint weather proof		
	13.45.1	New work (Two or more coats applied @ 3.28 ltr/10 sqm) over and including priming coat of exterior primer applied @ 2.20kg/10 sqm	m2	50.00
21	14.43	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	m2	350.00
22	13.83.2	Wall painting two coat with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound) content less than 50 grams/ litre. of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour.	m2	350.00
23	17.7.1	Providing and fixing white vitreous China wash basin 630x450mm size with C.I. brackets, 15 mm C.P. brass pillar taps,32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever required :	Each	1.00

24	17.2.1	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required :		
		W.C. pan with ISI marked white solid plastic seat and lid	each	1.00
25		Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete.		
	17.18.2	10 litre capacity - coloured	Each	1.00
26	17.31	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	Each	1.00
27		Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved quality and colour.		
	17.73.2	600mm long towel rail with total length of 645mm, width 78mm and effective height of 88mm, weighing not less than 190gms.	Each	1.00

28	21.1.1.1	<p>Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular and other section of approved make conforming to IS : 733 and IS : 1285, fixed with rawl plugs and screws or with fixing clips, or with expansion hold fastners including necessary filling up of gaps at junctions, at top, bottom and sides with required P.V.C/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 direction of Engineer-in-charge (glazing and panelling to be paid for separately) :- Anodized aluminium sections a) For fixed portion .</p>	Kg	110.00
b	21.1.2.1	<p>b) For shutters of doors, windows and ventilators including providing and fixing hinges /pivots and making provision for fixing of fittings wherever required including the cost of P.V.C / neoprene gasket required (Fittings shall be paid for separately) . Anodized aluminium sections</p>	Kg	135

29	21.2.2	providing and fixing 12 mm thick flat pressed decorative twin finished pre laminated board (both sides decorative super particle board exterior grade) approved variety of fire and moisture resistant, quality as directed by Engineer - charge (The pre laminated particle board conform to IS:12823) for partition instead of 5mm sheet glass in (Item No 1&2) above. Full area of panels will be measured for payments	Sqm	9.00
30	21.3.2	Providing and fixing glazing in aluminium doors windows, ventilator shutters and partitions etc. with P.V.C / neoprene gasket etc. complete. as per the Architectural drawings and the directions of Engineer-in- charge. (Cost of aluminium snap beading shall be paid in basic item.) With glass panes of 5.5 mm thickness (weight not less than 13.75 Kg/Square metre).	Sqm	10.00
31	9.83	Providing and fixing IS : 3564 marked Aluminium die cast body tubular type universal hydraulic door closer with necessary accessories and screws etc. complete.	each	3
32	9.97.2	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 nuts and screws etc. complete-		
	a	250*10mm	each	6
33	9.100.2	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 nuts and screws etc. complete-		
		125mm	each	6

34	9.79.3	Providing and fixing special quality bright finished brass locks with four levers including necessary screws etc. complete (bestmake of approved quality) :65mm	each	3
35	21.15.1	Providing fixing aluminium casement windows fastener of required length for aluminium windows with necessary screws etc. complete. Anodized (AC 15) aluminium	each	6.00
36		<p>Providing and fixing tiled false ceiling of approved materials of size 595x595 mm in true horizontal level suspended on inter locking metal grid of hot dipped galvanized steel sections (galvanized @ 120 gsm/sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38mm made from 0.30mm thick (minimum) sheet, spaced at 1200mm center to center and cross "T" of size 24x25mm made of 0.30mm thick (minimum) sheet, 1200mm long spaced between main "T" at 600mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600mm and size 24x25mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600mm panel to form grids of 600x600mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, wherever, required, cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x1.6 x mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4mm GI adjustable rods with galvanised butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200mm center to center along main T, bottom exposed width of 24 mm of all T-sections shall be pre-painted with polyester paint, all complete at all heights as per specifications drawings and as directed by Engineer-in-charge</p>		

	12.52.3	12.5mm thick square edge PVC Laminated Gypsum Tile of size 595x595mm, made of Gypsum plasterboard; manufactured from natural gypsum as per IS 2095 part I and laminated with white 0.16mm thick fire retardant PVC film on the face side and 12micron metalized polyester on the back side with all edges sealed with the face side PVC film which goes around and wraps the edges and is bonded to the edges and the back side metalized polyester film so as to make the tile a completely sealed unit	sqm	55.00
		Total Amount (DSR item)		
		Part - B NON SCHEDULE		
1		Dismantling of closet IWC/EWC of any size including stacking of useful materials near the site and disposal of unserviceable materials within 50meters lead	Each	1.00
2		Dismantling wash basine including stacking of material within 50m lead.	Each	1.00
3		Providing and fixing Sheet Vinyl flooring using 3mm thick (natural wooden pattern) of Armstrong Accolade safeplus, Responsive or equivalent make. Installation shall be carried out according to manufactures specification. Special care should be taken to ensure that the sub floor is level and clean, dry and hard. The recommended adhesive should be used to ensure satisfactory installation. Thermo welding should be done wherever necessary. Rate inclusive of cost of material, transportation, installation and taxes all complete as per drawing , specification and direction of Engineer-in-charge.	Sqm	65.00

4		Providing and fixing anodised aluminium grill of approved make and manufacture (Dura grill or equivalent) made up of 6mm dia aluminium rod and appature of 50mmx50mm fixed with aluminium frame of size 63.5x38.5x1.95mm of weight not less than 1.094 kg/m etc complete.	Sqm	6.00
5		Supply of executive table of size 120×80×75 cm with an executive drawer of size 80×7cm centre with side table of size 100×40×75 having two openable doors and shelves with 18mm pre-laminated particle board for top, intermediate shelves with 18mm pre laminated particle board at top, intermediate shelves,vertical sides and rare sides. Table top and legs have 36mm thickness boards'.All boards have 2mm thick PVC edge band lippings for all edge. Doors have 100 mm stainless steel handles, auto close hinges and locks. All fittings with best quality (ebco, hettich or equivalent ;) etc to be provided where required.	Each	1.00
		Total Amount (LMR item)		
		Total Amount for Civil works		
		Optional		
12	10.6	Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength conforming to IS: 4454 – part 1 and M.S. top cover of required thickness for rolling shutters.		

	10.6.2	80x1.20 mm M.S. laths with 1.20 mm thick top cover	sqm	2.6
PART -ELECTRICAL WORKS				
ELECTRICAL ESTIMATE FOR PROPOSED HEALTH CARE CENTRE AT NIMHANS BANGALORE				
Sl.No	DSR Code	DESCRIPTION	UNIT	QTY
1		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 medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FR PVC insulated copper conductor single core cable etc as required.		
	1.10.2	Group B	Each	26
2		Wiring for circuit/submain wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface medium class PVC conduit as required.		
a	1.14.2	2X2.5 sq.mm + 1 X2.5 sq mm earth wire	m	185
b	1.14.3	2X4.0 sq.mm + 1 X4.0 sq mm earth wire	m	75
c	1.14.11	4 X 16 sq. mm + 2 X 16 sq. mm earth wire	m	50
3		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	1.21.1	20 mm	m	55
b	1.21.2	25 mm	m	40

4	1.31	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.	Each	8
5	1.32	Supplying and fixing suitable size PVC 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.	Each	2
6	1.33	Supplying and fixing 3 pin, 5 amp ceiling rose on the existing junction box/ wooden block including connection etc as required.	Each	20
7	1.41	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, false ceiling with chain and hook including connection with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable and earthing etc. as required.	Each	20
8	1.45	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.	Each	4
9	1.46	Installation, testing and commissioning of resistance type fan regulator, in existing switch box including connection with 1.5 Sq.mm FRPVC insulated, copper conductor, single core cable, earthing the regulator etc. as required.	Each	4
10	1.5	Installation of exhaust fan in the existing opening, including making good the damage, connection, testing, commissioning etc. as required.		

		Upto 450 mm sweep	Each	1
11	1.18	Supplying and drawing 2 pair 0.5 sq mm FR PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required.	m	85
12	1.24.6	Supplying and fixing Telephone socket outlet on the existing modular plate & switch box including connections but excluding modular plate etc. as required.	Each	4
13	1.28	Supplying and fixing following size / modules, PVC box alongwith modular base & cover for modular telephone/ data sockets in recess / surface etc as required.		
	1.28.1	1 or 2 module	Each	10
14	2.8	Supplying and fixing following way prewired TP&N MCB distribution board of steel sheet for 415 volts on surface/ recess complete with loose wire box, terminal connectors for all incoming and outgoing circuits, duly prewired with suitable size FR PVC insulated copper conductor up to terminal blocks, tinned copper bus bar, neutral link, earth bar, din bar, detachable gland plate, interconnections, powder painted including earthing etc. as required.(But without MCB/ RCCB/ Isolator)		
a	2.8.5	4 way (4 + 12), Double door	Each	1.00
15	2.13	Supplying and fixing following rating, four pole, 415 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.		
	2.13.2	63 amps	Each	1.00

16	2.15	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.		
	2.15.3	63 amps	Each	1.00
17	2.10	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	2.10.1	Single pole	Each	10.00
18	2.11	Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required.	Each	6.00
Sub Total A				
	-	<u>LMR Item</u>		
<u>1</u>	-	Supply and installation of 2x36W recess mounted direct - indirect downlight luminaire, with translucent acrylic diffuser, powder coated CRCA housing complete with all electrical accessories like electronic ballast, lamp holder, 36W CFL lamp, mounting chain, hook etc complete as required. (Philips FBS580 2xPL-L36W IC OD DF-WH / Wipro WVP 76236 SGA)	Each	12
<u>2</u>	-	Supply of 1x28W fluorescent tube fitting, powder coated CRCA steel channel complete with all electrical accessories like electronic ballast, lamp holder, 28W T5 lamp etc complete as required. (Philips TMS122M IxTL-528W EBT / Wipro WIF 90128 SG / GE GET CI 1x28 C/S HF)	Each	10

3		Supply of ceiling fan 1200 mm sweep, double ball bearing, approved colour and quality with original down rod,suspension shackle,canopy etc with out regulator complete with all accessories as required. (Usha Sonata max / Crompton High Breeze)	Each	5
4		Supply and installation of 400 mm sweep, wall fan, swinging type with speed control, necessary adapter, of approved colour, for single phase 230 volt, 50Hz AC supply complete with motor, capacitor all accessories as required complete. (Usha Helix High speed or Equi).	Each	2
5		Supply of heavy duty exhaust fan 300 mm sweep, 900 rpm, metal blades of approved colour, for single phase 230 volt, 50Hz AC supply complete with motor, capacitor and all accessories as required complete.	Each	1
6		Supply and Installation of 10 pair MDF box, back mount frame and original krone connectors with all accessories.	Each	1
7		Supply & fixing modular type computer outlet (RJ-45) with modular base and cover plate, GI box complete with all accessories, connection etc. complete as required.	Each	4
8		Supply and laying 4 pair CAT 6 UTP cable in the existng surface / recessed steel / PVC conduit as required.	m	125
9		Supply & installation of Cat 6, 7ft, RJ45-RJ45, UTP, Patch cord with all required accessories.	nos	5
Total				

Place

Signature of the Bidder

Item NO	Description	No	Length	Bredth	Height	Quantity	Unit
Part - A CIVIL WORK (SCHEDULED)							
1	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.						
	Store room rack	2	4.00	2.2	0.60	10.56	
	Say					10.60	m3
2	Dismantling of flushing cistern of all types (C.I./PVC/Vitrious China) including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead.						
	Toilet	1				1.00	Nos
3	Dismantling stone slab flooring laid in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 meters lead						
	Toilet	1	1.80	1		1.80	
	Say					2.00	Sqm
4	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead:						
	Of area beyond 3 sq. metres						
	Doors	2				2.00	
	Window	5				5.00	
	Say					7.00	Nos

5	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size)						
	Toilet	1	1.80	1	0.10	0.18	
	Say					0.20	m3
6	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases up to floor five level excluding the cost of centering, shuttering, finishing and reinforcement with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).						
	Counter slab	2	1.80	0.6	0.10	0.22	
		1	1.21	0.6	0.10	0.07	
	extra					0.20	
	Total					0.49	
	Say					0.50	m3
7	Centering and shuttering including strutting, propping etc. and removal of form for :						
	Suspended floors, roofs, landings, balconies and access platform.						
	Counter slab	2	1.80	0.6		2.16	
		2	1.80	0.1		0.36	
		1	1.21	0.6		0.73	
		1	1.21	0.1		0.12	
	Total					3.37	
	Say					4.00	Sqm
8	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.						

	Thermo-Mechanically Treated bars. Vizag,TATA or Sail, Qtyof item no.5×100kg/m3					50.00	Kg
9	Brick work in cement mortar 1:4 (1 cement : 4 coarse sand)with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :						
	Supporting Brick leg for Counter slab	6	0.60	0.23	0.76	0.63	
	at store and cabin	2	1.50	0.23	1.20	0.83	
	Total					1.46	
	Say					1.50	m3
10	Providing and fixing 18mm thick gang saw cut mirror polished premoulded and prepolished) machine cut for kitchen platforms, 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 (1 cement : 4 coarse sand) with joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels.						
	Granite of any colour and shade						
	Area of slab over 0.50 sqm.						
	Counter slab	2	1.85	0.65		2.41	
		2	1.85	0.1		0.37	
		1	1.25	0.65		0.81	
		1	1.25	0.1		0.13	
		6	0.65	0.1		0.39	
	Total					4.10	
	Say					4.10	Sqm

11	Providing edge moulding to 18mm thick marble stone counters, Vanities etc. including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge.						
	Granite work.						
	Counter slab	2	1.85			3.70	
		1	1.25			1.25	
		6	0.65			3.90	
	Total					8.85	
	Say					9.00	M
12	Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2mm and braced with flat iron diagonals 20x5mm size, with top and bottom rail of T-iron 40x40x6mm, with 40mm dia steel pulleys, complete with bolts, nuts, locking arrangement, stoppers, handles, including applying a priming coat of approved steel primer.						
	Entry side	1	2.13		1.20	2.56	
	Total					2.56	
	Say					2.60	Sqm
13	Providing and fixing Ist quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades except burgundy, bottle green, black of 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 @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete.						
	Toilet	1	5.45		1.75	9.54	
	Say					9.50	Sqm

14	Providing and laying Ceramic antiskid floor tiles 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4Coarse sand) including pointing the joints with white cement and matching pigment etc., complete.						
	Toilet	1	1.80	1		1.80	
	Say					2.00	Sqm
15	Plastering with cement mortar 1:4,(1 cement: 4 fine sand) 12 mm thick one coat to the newly constructed wall for one side						
	Supporting Brick leg for Counter slab	12	0.60		0.75	5.40	
		6	0.23		0.75	1.04	
	at store and cabin	2	1.50		1.20	3.60	
		2	1.50		1.20	3.60	
	Total					13.64	
	Say					14.00	Sqm
16	Plastering with cement mortar 1:4,(1 cement: 4 fine sand)15 mm thick one coat to the newly constructed wall for one side						
	at store and cabin	2	1.50		1.20	3.60	
		2	1.50		1.20	3.60	
	Total					7.20	
	Say					7.50	Sqm
17	6 mm cement plaster of mix 1:3 (1cement : 3 fine sand) for slabs						
	Counter slab	2	1.80	0.6		2.16	
		1	1.21	0.6		0.73	
		6	0.60	0.1		0.36	
	Total					3.25	
	Say					4.00	Sqm

18	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade:						
	Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture.						
	Doors	1	1.00		2.10	2.10	
	Window	1	1.50		0.50	0.75	
	Total					2.85	
	Say					3.00	Sqm
19	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface :						
	Manager Cabin	1	12.22		3.00	36.66	
	Counter room	1	25.17		3.00	75.51	
	Store room	1	12.02		3.00	36.06	
	Toilet	1	5.41		1.25	6.76	
	Stair room	1	14.95		6.00	89.70	
	GF Shop	1	10.00		3.05	30.50	
	Roof top toilet	1	1.80		1.00	1.80	
	Roof top store	1	4.00		2.00	8.00	
	Front passage	1	12.46		3.00	37.38	
		2	12.46		0.85	10.59	
		1	12.46		0.13	1.62	
	Total					334.58	
	Say					350.00	Sqm
20	Finishing walls with exterior paint weather proof						
	New work (Two or more coats applied @ 3.28 ltr/10 sqm) over and including priming coat of exterior primer applied @ 2.20kg/10 sqm						
	Front passage	1	12.50		3.00	37.50	
		2	12.50		0.85	10.63	
		1	12.50		0.15	1.88	
	Total					50.00	
	Say					50.00	Sqm

21	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete						
	Manager Cabin	1	12.22		3.00	36.66	
	Counter room	1	25.17		3.00	75.51	
	Store room	1	12.02		3.00	36.06	
	Toilet	1	5.41		1.25	6.76	
	Stair room	1	14.95		6.00	89.70	
	Front passage	1	12.46		3.00	37.38	
		2	12.46		0.85	10.59	
		1	12.46		0.13	1.62	
	GF Shop	1	10.00		3.05	30.50	
	Roof top toilet	1	1.80		1.00	1.80	
	Roof top store	1	4.00		2.00	8.00	
	Total					334.58	
	Say					350.00	Sqm
22	Wall painting two coat with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound) content less than 50 grams/ litre. of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour.						
	Manager Cabin	1	12.22		3.00	36.66	
	Counter room	1	25.17		3.00	75.51	
	Store room	1	12.02		3.00	36.06	
	Toilet	1	5.41		1.25	6.76	
	Stair room	1	14.95		6.00	89.70	
	Front passage	1	12.46		3.00	37.38	
		2	12.46		0.85	10.59	
		1	12.46		0.13	1.62	
	Roof top toilet	1	1.80		1.00	1.80	
	Roof top store	1	4.00		2.00	8.00	
	GF Shop	1	10.00		3.05	30.50	
	Total					334.58	
	Say					350.00	Sqm

23	Providing and fixing white vitreous China wash basin 630x450mm size with C.I. brackets, 15 mm C.P. brass pillar taps,32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever required :						
	at Counter room	1				1.00	Nos
24	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required :						
	W.C. pan with ISI marked white solid plastic seat and lid						
	Toilet	1				1.00	Nos
25	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete.						
	10 litre capacity - coloured						
	Toilet	1				1.00	Nos
26	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.						
	at conter room washbasin	1				1.00	Nos

27	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved quality and colour.						
	600mm long towel rail with total length of 645mm, width 78mm and effective height of 88mm, weighing not less than 190gms.	1				1.00	Nos
28	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular and other section 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 P.V.C/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 direction of Engineer-in-charge (glazing and panelling to be paid for separately) :- Anodized aluminium sections a) For fixed portion .						
	a) for fixed portion						
	Door	2.00	1.20	2.20		5.28	Sqm
	SQMX8.69					45.88	Kg
	Window	3.00	1.50	1.20		5.40	

						5.40	sqm
	SQM X4.51					24.35	Kg
	Partition						
	at main entrance	1	2.45	3.048		7.47	
	SQMX4.57					34.13	Kg
	Total					104.36	
	add 5% for fittings					5.22	
	Total					109.58	
	Say					110.00	Kg
b	b) For shutters of doors, windows and ventilators including providing and fixing hinges /pivots and making provision for fixing of fittings wherever required including the cost of P.V.C / neoprene gasket required (Fittings shall be paid for separately) . Anodized aluminium sections						
	Door	3.00	1.20	2.20		7.92	Sqm
						7.92	Sqm
	SQMx5.75kg/sqm					45.54	kg
	Window	3.00	1.50	1.20		5.40	
						5.40	sqm
	SQMx8.33kg/sqm					44.98	Kg
	for partition at main entrance	1	2.45	3.048		7.47	
	SQMx5.75kg/sqm					42.94	
	Total					133.46	Kg
	say					135.00	kg
29	Extra for providing and fixing 12 mm thick flat pressed decorative twin finished pre laminated board (both sides decorative super particle board exterior grade) approved variety of fire and moisture resistant, quality as directed by Engineer - charge (The pre laminated particle board conform to IS:12823) for partition instead of 5mm sheet glass in (Item No 1&2) above. Full area of panels will be measured for payments						

	Door	3.00	1.20	1.05		3.78	
	for partition at main entrance	1	1.25	3.05		3.81	
		1	1.2	1.00		1.20	
						8.79	
	say					9.00	sqm
30	Providing and fixing glazing in aluminium doors windows, ventilator shutters and partitions etc. with P.V.C / neoprene gasket etc. complete. as per the Architectural drawings and the directions of Engineer-in-charge. (Cost of aluminium snap beading shall be paid in basic item.) With glass panes of 5.5 mm thickness (weight not less than 13.75 Kg/Square metre).						
	Door	3.00	1.20	1.05		3.78	
	Total					4.00	sqm
	Window	3.00	1.50	1.20		5.40	
	Total					6.00	sqm
	say(Total)					10.00	sqm
31	Providing and fixing IS : 3564 marked Aluminium die cast body tubular type universal hydraulic door closer with necessary accessories and screws etc. complete.						
	Doors	3				3	
	say					3	Each
32	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 nuts and screws etc. complete-						
a	250 X 10 mm						
	Doors						
	1st floor	2	2			4	
	at main entrance GF	2	1			2	

	Total					6	each
33	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 nuts and screws etc. complete-						
a	125 mm						
	Doors						
	1st floor	2	2			4	
	at main entrance GF	2	1			2	
	Total					6	each
34	Providing and fixing special quality bright finished brass locks with four levers including necessary screws etc. complete (bestmake of approved quality) : 65mm						
	Doors						
	1st floor	1	2			2	
	at main entrance GF	1	1			1	
	Total					3	each
35	Providing fixing aluminium casement windows fastener of required length for aluminium windows with necessary screws etc. complete. Anodized (AC 15) aluminium						
	Window	2.00	3.00			6.00	Each

36	<p>Providing and fixing tiled false ceiling of approved materials of size 595x595 mm in true horizontal level suspended on inter locking metal grid of hot dipped galvanized steel sections (galvanized @ 120 gsm/sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38mm made from 0.30mm thick (minimum) sheet, spaced at 1200mm center to center and cross "T" of size 24x25mm made of 0.30mm thick (minimum) sheet, 1200mm long spaced between main "T" at 600mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600mm and size 24x25mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600mm panel to form grids of 600x600mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, wherever, required, cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x 1.6 x mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4mm GI adjustable rods with galvanised butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200mm center to center along main T, bottom exposed width of 24 mm of all T-sections shall be pre-painted with polyester paint, all complete at all heights as per specifications drawings and as directed by Engineer-in-charge</p>						
	<p>12.5mm thick square edge PVC Laminated Gypsum Tile of size 595x595mm, made of Gypsum plasterboard; manufactured from natural gypsum as per IS 2095 part I and laminated with white 0.16mm thick fire retardant PVC film on the face side and 12micron metalized polyester on the back side with all edges sealed with the face side PVC film which goes around and wraps the edges and is bonded to the edges and the back side metalized polyester film so as to make the tile a completely sealed unit</p>						
	Main hall	1	12.4	4.3		53.32	
	GF Shop	1	2.5	3.7		9.25	
	Total					62.57	
	Deduction						
	Toilet	1	1.8	1		1.80	
	Store	1	4	2		8.00	
	Total					9.80	
	Net Total					52.77	

	Say	1				55.00	Sqm
Part - B CIVIL WORK (NON SCHEDULE)							
1	Dismantling of closet IWC/EWC of any size including stacking of useful materials near the site and disposal of unserviceable materials within 50meters lead						
	at Toilet	1				1.00	Nos
2	Dismantling wash basine including stacking of material within 50m lead.						
	at Counter room	1				1.00	Nos
3	Providing and fixing Sheet Vinyl flooring using 3mm thick (natural wooden pattern) of Armstrong Accolade safeplus, Responsive or equivalent make. Installation shall be carried out according to manufactures specification. Special care should be taken to ensure that the sub floor is level and clean, dry and hard. The recommended adhesive should be used to ensure satisfactory installation. Thermo welding should be done wherever necessary. Rate inclusive of cost of material, transportation, installation and taxes all complete as per drawing , specification and direction of Engineer-in-charge.						
	Main hall	1	12.4	4.3		53.32	
	GF Shop	1	2.5	3.7		9.25	
	Total					62.57	
	Deduction						
	Toilet	1	1.8	1		1.80	
	Net Total					60.77	
	Say	1				65.00	Sqm

4	Providing and fixing anodised aluminium grill of approved make and manufacture (Dura grill or equivalent) made up of 6mm dia aluminium rod and appature of 50mmx50mm fixed with aluminium frame of size 63.5x38.5x1.95mm of weight not less than 1.094 kg/m etc complete.						
	at window side	3	1.5		1.2	5.40	
	Total					6	sqm
5	Supply of executive table of size 120×80×75 cm with an executive drawer of size 80×7cm centre with side table of size 100×40×75 having two openable doors and shelves with 18mm pre-laminated particle board for top, intermediate shelves with 18mm pre laminated particle board at top, intermediate shelves,vertical sides and rare sides. Table top and legs have 36mm thickness boards' .All boards have 2mm thick PVC edge band lippings for all edge. Doors have 100 mm stainless steel handles, auto close hinges and locks. All fittings with best quality (ebco, hettich or equivalent ;) etc to be provided where required.						
	Executive table with credenza	1.00				1.00	Nos
	Optional						

12	Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength conforming to IS: 4454 – part 1 and M.S. top cover of required thickness for rolling shutters.						
	80x1.20 mm M.S. laths with 1.20 mm thick top cover						
	Entry side	1	2.13		1.20	2.56	
	Total					2.56	
	Say					2.60	Sqm

Date

Name of the Bidder