



BHARAT HEAVY ELECTRICALS LIMITED
RAMACHANDRAPURAM::HYDERABAD::32
FACTORY CIVIL ENGINEERING DEPARTMENT

SCHEDULE- A

Tender Notice No:

HY/FCD/OT-31/16-17, Dt: 30.03.2017

PRICE BID

Item no.: 1

Name of work:- Renovation of ladies toilet in Rig up yard annexe ground floor.

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
	Part - I - Civil works				
1	Dismantling brick masonry walls for all heights, removing and clearing the debris and carting away upto to lead of 2 KM including loading, unloading and spreading segregating useful materials as directed by Engineer-in-charge including the cost of all labour scaffolding etc., complete.	36.00	Cu.m	631.75	22,743.00
2	Dismantling of Old plastering or skirting raking out joints and cleaning the surface for plastering including disposal of rubbish to the dumping ground within 50 metres lead, Including loading, unloading and spreading segregating useful materials as directed by Engineer-in-charge etc., complete.	40.00	Sq.m	15.90	636.00
3	Dismantling door, windows and celestory windows (Steel or wood) shutter including chowkhats,architrave, holdfasts etc. complete and stacking within 50 metres lead of area 3 Sq.M metres and below.	1.00	Each	101.70	101.70
4	Dismantling reinforced cement concrete / plain cement concrete and disposing of debries upto to a lead of 2 KM including loading, unloading and spreading as directed by Engineer-in-charge etc., complete.	1.00	Cu.m	582.68	582.68
5	Brick work with Ground moulded clay FPS brick in super structure above plinth level upto floor five level in cement mortar 1:6 (1 cement : 6 Coarse sand). -The cement will be issued free of cost by BHEL at BHEL Stores.	2.00	Cu.M	3,513.00	7,026.00
6	Plastering in CM 1:6 , 20 mm thick to internal and external surfaces of walls including the cost of all materials , labour , curing etc., complete -Upto 10.00 M level. The cement will be issued free of cost by BHEL at BHEL Stores.	50.00	Sq.m	124.00	6,200.00
7	Providing and laying in position specified grade, of Reinforced cement concrete excluding the cost of centering, shuttering, finishing and reinforcement - all work up to plinth level with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size).	1.00	Cu.M	2,845.50	2,845.50

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
8	Supply & fixing of 18 mm thick best quality approved colour and design machine cut mirror polished granite slabs in required sizes for counter wash basins, floorings, vanity counter, claddings, facias etc. including cutting, champering, rounding and mirror polishing etc. complete as directed. Cost of granite slabs shall be Rs. 1600/- per Sq. m and granite slabs of required design and colour will be selected by department.	25.00	Sq.m	3,031.00	75,775.00
9	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacture) 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 12mm thick bed of cement mortar 1:3 (1cement : 3 coarse sand) and fixing tiles with grey cement slurry @ 3.3 Kg per Sq.m including pointing in white cement mixed with pigment of matching shade complete.	30.00	Sq.m	664.00	19,920.00
10	Applying two or more coats of oil bound distemper of given shade over a coat of primer including through cleaning of the surfaces, cost of all labour and other incidentals. (Only OBD will be supplied by BHEL)-For new work.	240.00	Sq.M	58.50	14,040.00
Part-II-Sanitary Fittings					
1	Supply and fixing of new "Parry ware" make Indian Water Closet, Orissa pan of size 580 mm x 410 mm - Open rim (Code No. C0109) including PVC Slimline Dual Flush tank (Cistern) of size 475 mm x 318 mm (Code No. C8109) with all accessories like Parryware flush kit suitable for the above flush tank with all required accessories etc., complete. Colour: Silky Off - White.	1.00	Each	3,150.00	3,150.00
2	Supply and fixing with "Parry ware" make Cascade pedestal ceramic wash hand basin of size 550 mm x 440 mm and pedestal size 705 mm height, with centre tap hole with all accessories like brackets, screws, PVC connections etc. complete. Colour: Silky Off - White.	2.00	Each	3,150.00	6,300.00
3	Supply & fixing "Jaquar" make Pressmatic pillar cock for wash basins, with all accessories. (Cat: 031).	2.00	Each	544.95	1,089.90
4	Supply & fixing "Marc" make Oriental series brass stop cock with all accessories.	3.00	Each	732.90	2,198.70
5	Supply & fixing "Marc" make Oriental series brass bib cocks, with all accessories / Cat: MOR 1030.	2.00	Each	531.30	1,062.60
6	Supply & fixing of 6 mm thick mirror of approved quality "Modi float/Saintgobin glass", with 6 mm thick hard board back and with best quality teak wood frame (design beading) all round the mirror including necessary clamps, polishing to the beading, cost of all materials etc. complete.	1.80	One Sq.m	1,517.25	2,731.05

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
7	Providing and Fixing 30 mm thick "Rajsri" or equivalent brand factory made both side prelam solid panel PVC door shutter consisting of frame made out of MS tubes of 19 gauge thickness and size of 19mm X19mm for stiles, top and bottom rails. MS frame shall have a coat of steel , primers of approved make and manufacture . MS frame covered with 5mm thick heat moulded "Rajsri" prelam pac 'c' channel of size 30mm thickness, 70mm width out of which 50mm shall be flat and 20 mm shall be tapered in 450 angle on either side forming stiles, and mm thick, 95 mm wide Rajsri prelam pac sheet out of which 75mm shall be flat and 20mm shall be tapered in 450 on the inner side to form top and bottom rail 115 mm wide Rajsri prelam pac sheet out of which 75mm shall be flat and 20mm shall be tapered on both sides to form lock rail. top , bottom and lock rail shall be provided either side of the panel. 10mm (5mmX2) thick, 20mm wide cross Pac sheet shall pe provided as gap insert for top and bottom rail. Panelling of 5 mm thick both side prelam pac sheet to be fitted in the MS frame welded /sealed to the stiles & rials with 7mm (5mm +2mm) thick X15 mm wide solvent cement adhesive etc. an additional 5mm thick Pac strip of 20mm width is to be stuck on the interior side of the 'c' channel using Pac solvent cement adhesive etc. complete as per direction of Engineer-in-charge, manufacture specification and drawing.	6.00	Sq.m	2,700.00	16,200.00
8a	Supply & fixing 15 mm dia Nominal Bore GI pipe medium Grade properties and weight as per IS 1239 ISI mark with GI fittings including the cost of GI pipe & its fittings, chasing brick work/concrete and making good the same, cost of labour, all materials etc. complete.	30.00	RM	137.55	4,126.50
b	.. Do... 20mm dia (3/4")	30.00	RM	153.30	4,599.00
c	.. Do... 25mm dia (1")	50.00	RM	200.55	10,027.50
9	Supplying and fixing P trap 1st quality ISI marked conforming to IS: 1729 - 1979 with C.P Grating fixing with white cement as per site requirements with standard practice - 100 mm dia (4") .	1.00	Each	537.60	537.60
	Part-III- Electrical works				
1	Supply, Erection and Testing of 230V ,18" dia (450mm), 50W, 900rpm, 1200cu.M/hr Exhaust Fans , The job includes suitable holes in the wall inclusive of masonry work or by making suitable MS frame above +20 ft. approximately from ground level.	1.00	Nos	2,940.00	2,940.00
2	Supply, Assembly, Erection and Testing of 1x28W tube Light fittings along with bulb. Phillips make. Cat. No.TCW450 1XTL528W EBS The light fitting shall be fixed with suitable down rod, ceiling rose, ball & socket etc. and the supply of the material is in the contractor's scope. The job includes supply of 1.5sq.mm copper wire for connection between ceiling rose and TL.	2.00	Nos	2,961.00	5,922.00

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
3	Supply and fixing of 3pin, 250 V. 10 Amps socket cum switch with indication Roma type code 21113 and 21033 of Anchor make or North West. Fixed on suitable modular type concealed box top cover. Testing & commissioning.	1.00	Nos	447.30	447.30
4	Supply and execute the concealed / surface PVC/MS Pipe wiring with 1.5 sq. mm 660 / 1100. V. Grad PVC insulated copper wire multi strand of make Finolex / Rediant / fincab/ Havells/ L&T. In PVC pipe of suitable dia (As per IS for wiring points) with 14 G/1.5sq.mm green colour copper wire for earth continuity. Supply & Fixing of three plate/pin ceiling rose of Roma modular type of Anchor or North West make for connecting each light / fan point. Each circuit should not have more than 7 points 700 watts.	3.00	Pts	1,167.60	3,502.80
5	Supply and fixing of 5 Amps 250 V. SP switches for control of light fitting and fans with Roma Type code : 21011 of Anchor or North West make. Fixed on a suitable modular type concealed box with suitable top cover. Testing & commissioning.	2.00	Nos	286.65	573.30
Total Value of work				₹	2,15,278.13

Note:

1	A penalty of 0.5% of the gross value of work will be levied for every week's delay of work or part there of subject to a maximum penalty of 10% of the gross value of work executed after the period of completion.
2	The rates are inclusive of all taxes and duties except Service tax, swatch bharat tax which is extra as per service tax norms will be paid by BHEL to the agency after submission of necessary documents.
3	The tender % age quoted by the contractor shall be inclusive of all taxes and duties other than service tax as applicable from time to time.
4	All the bills of the contractors will be cleared subject to the production of clearance certificate by the contractors in respect of compliance of all statutory requirement, issued by IR section of HR department BHEL.
5	The agency shall submit the I.R. clearance certificate for the above work and arrange to get the final bill sent to Finance within one month from the actual date of completion of work.
6	The maintenance period of the work is 6 months . The security deposit will be released after satisfactory completion of the work and after getting I.R clearance and payment of final bill.
7	The agency has to pay the minimum wages to workers with statutory payments like ESI, PF etc., is as per BHEL notification and as per NIT. For USW=₹ 500.80, SSW=₹ 553.15, SW = ₹ 604.96 + ESI + PF + PPE's and other statutory if any.
8	The agency has to bring police clearance certificate for the work force.
9	All the terms and conditions of the contract with respect to taxes & duties are subject to the new taxation laws introduced from time to time (e.g. GST). The terms and conditions will be modified in accordance with the provisions of new laws (e.g. GST).

Note : The bidders are required to quote the tender value on percentage (%) basis at excess or less or on par with estimate value in figures and words.

Tender %	In figure	In words
Excess		
Less		
Estimated value		