

PRICE BID

Name of Work : **RENOVATION OF WASHROOMS AT FIRST FLOOR,
ESTATE OFFICE IN BHEL TOWNSHIP SECTOR-17, NOIDA**
NIT No. : **NIT No. 45: AA: NOI: ADMN: Washroom-FF: 112: 2016-17**
Dated : **15.02.2017**


S.N.	Description of Item	Unit	Quantity	DSR 2014 Rate (Rs.)	Amount (Rs.)
(A) Scheduled Items					
1	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge - in cement mortar.	cum	3.50	754.1	2639.35
2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	cum	0.50	892.7	446.35
3	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead For thickness of tiles 10 mm to 25 mm	sqm	95.00	28.2	2679.00
4	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead of area 3 sq. metres and below	each	2.00	142.25	284.50
5	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	sqm	12.00	20.05	240.60



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6	Cutting holes up to 30x30 cm in walls including making good the same With common burnt clay F.P.S. (non-modular) bricks	each	3.00	207.95	623.85
7	Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50 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 wall etc. complete, 110 mm	metre	15.00	189.05	2835.75
8	Providing lead caulked joints to sand cast iron/centrifugally cast (spun) iron pipes and fittings of diameter 100 mm.	each	5.00	243.75	1218.75
9	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work , including cutting chases and making good the walls etc. 20 mm nominal outer dia Pipes.	mtr.	30.00	296.40	8892.00
10	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement ,trenching ,refilling & testing of joints complete as per direction of Engineer in Charge.	mtr.	20.00	163.30	3266.00




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	External work-20 mm nominal outer dia Pipes				
11	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor, etc., up to floor five level, excluding the cost of centering, shuttering and finishing:1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	cum	0.50	6450.00	3225.00
12	Repairs to plaster of thickness 12 mm to 20 mm 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 within 50 metres lead . With cement mortar 1:4 (1cement: 4 coarse sand)	Sqm	12.00	259.15	3109.80
13	12 mm cement plaster of mix 1:6 (1 cement: 6 coarse sand)	Sqm	73.00	158.40	11563.20
14	Extra for providing and mixing water proofing material in cement Per bag of plaster work in proportion recommended by the manufacturers, 50 kg cement used in the mix.	kg	2.00	50.65	101.30
15	Half brick masonry with common burnt clay F.P.S. (non-modular) bricks of class designation 7.5 in foundations and plinth in cement mortar 1:4 (1 cement : 4 coarse sand)	sqm	8.00	584.75	4678.00

16	Brick work 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 :Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	0.25	5426.15	1356.54
17	Providing and laying Vitriified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), including grouting the joint with white cement & matching pigments etc. complete Size of Tile 1000x1000 mm	sqm	27.00	2308.30	62324.10
18	Providing and fixing 1st 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.	sqm	105.00	836.65	87848.25
19	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and pre-polished, machine cut for kitchen platforms, vanity counters, window sills , facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment,	sqm	4.00	3907.40	15629.60



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	<i>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</i>				
20	<i>Extra for providing opening of required size & shape for wash basin/ kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite/stone work, including necessary holes for pillar taps etc. including moulding, rubbing and polishing of cut edges etc. complete.</i>	<i>each</i>	<i>3.00</i>	<i>386.60</i>	<i>1159.80</i>
21	<i>Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately), Second class teak wood .</i>	<i>cum</i>	<i>0.80</i>	<i>91496.9</i>	<i>73197.52</i>
22	<i>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 , Second class teak wood, 35 mm thick shutters.</i>	<i>sqm</i>	<i>4.00</i>	<i>2689.05</i>	<i>10756.20</i>
23	<i>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, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions,</i>	<i>kg</i>	<i>8.00</i>	<i>377.75</i>	<i>3022.00</i>




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	<p>i.e. at top, bottom and sides with required EPDM rubber/neoprene gasket 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, panelling and dash fasteners to be paid for separately) : For fixed portion Powder coated aluminium (minimum thickness of powder coating 50 micron)</p>				
24	<p>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, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/neoprene gasket 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, panelling and dash fasteners 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 EPDM rubber / neoprene gasket required (Fittings shall be paid for separately)-Powder coated aluminium (minimum</p>	kg	17.00	435.75	7407.75



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	thickness of powder coating 50 micron).				
25	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / 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 float glass panes of 4.0 mm thickness	sqm	3.00	828.75	2486.25
26	Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete with 4.0 mm thick glass panes sqm	sqm	3.00	764.45	2293.35
27	Melamine polishing on wood work (one or more coat).	sqm	8.00	76.7	613.60
28	Providing and fixing bright finished brass tower bolts(barrel type) with 200x10 mm	each	4.00	239.30	957.20
29	Providing and fixing bright finished brass handles with screws etc. complete 125 mm	each	4.00	182.45	729.80
30	Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws etc. complete.	each	3.00	753.75	2261.25
31	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	sqm	45.00	9.90	445.50
32	Painting with synthetic enamel paint of approved brand and manufacture to give an even	sqm	100.00	74.40	7440.00



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	<i>shade: Two or more coats on new work.</i>				
33	<i>Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.</i>	<i>sqm</i>	<i>45.00</i>	<i>89.65</i>	<i>4034.25</i>
34	<i>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.</i>	<i>sqm</i>	<i>45.00</i>	<i>50.65</i>	<i>2279.25</i>
35	<i>Providing and fixing white vitreous china extended wall mounting water closet of size 780x370x690 mm of approved shape including providing & fixing white vitreous china cistern with dual flush fitting, of flushing capacity 3 litre/6 litre (adjustable to 4 litre/8 litres), including seat cover, and cistern fittings, nuts, bolts and gasket etc. complete.</i>	<i>each</i>	<i>1.00</i>	<i>10100.90</i>	<i>10100.90</i>
36	<i>Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. 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, W.C. pan with ISI marked white solid plastic seat and lid.</i>	<i>each</i>	<i>3.00</i>	<i>4784.60</i>	<i>14353.80</i>



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37	Providing and fixing white vitreous china battery based infrared sensor operated urinal of approx. size 610 x 390 x 370 mm having pre & post flushing with water (250 ml & 500 ml consumption), having water inlet from back side, including fixing to wall with suitable brackets all as per manufacturers specification and direction of Engineer-in-charge.	each	1.00	16724.95	16724.95
38	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required : One urinal basin with 5 litre white P.V.C. automatic flushing cistern	each	3.00	3326.10	9978.30
39	Providing and fixing wash basin 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 require, white Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps.	each	2.00	2331.15	4662.30
40	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. 32 mm dia.	each	7.00	74.45	521.15
41	Providing and fixing unplasticised P.V.C. connection pipe with PTMT Nuts, collar and bush of approved quality and colour, 15 mm nominal bore with 45 cm length.	each	12.00	74.70	896.40

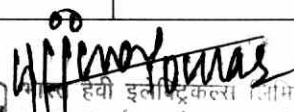


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42	Providing and fixing of C.P. brass toilet paper holder.	Each	3.00	415.90	1247.70
43	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS: 8931 a) 15 mm nominal bore 15mm nominal bore.	Each	12.00	507.70	6092.40
44	Providing and fixing C.P. brass bib cock of approved quality conforming to IS: 8931, 15 mm nominal bore.	Each	4.00	459.50	1838.00
45	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing - Rectangular shape 1500x450 mm	each	3.00	1332.45	3997.35
46	Carriage of material by mechanical transport including loading, unloading and stacking Lime, moorum, building rubbish upto 5 Km.	cum	5.00	122.46	612.30
47	Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to	sqm	17.00	907.10	15420.70

	centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x th the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound, jointing tapes, finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cut outs made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with 12.5 mm thick tapered edge gypsum plain board conforming to IS: 2095-Part I				
48	Total Estimate Amount (A) (inclusive of all taxes excluding Service Tax) in Rs.				418491.91
49	Percentage Above(+)/ Below (-) at par with S. No. 48				
50	Total Quoted Amount (A) after applying percentage (S. No. 49) (inclusive of all taxes excluding Service Tax) in Rs.				
S.N.	Description of Item	Unit	Quantity	Rate	Amount (Rs.)
(B) Non Scheduled Items					
51	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 100 mm inlet and 100 mm outlet PVC/uPVC S&S as per IS: 3989 each	each	1.00		




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52	Providing and fixing nahani 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 100 mm inlet and 50 mm outlet sand PVC/uPVC	each	3.00		
53	Providing and fixing C P grating of approved quality and colour, Circular type 100 mm nominal dia.	each	8.00		
54	Providing and fixing CP Towel Ring complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality, design and standard size as per direction of Engineer-incharge.	Each	3.00		
55	Providing and fixing CP Soap Dispenser complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality, design and standard size as per direction of Engineer-incharge.	Each	3.00		
56	Providing and fixing wash basin with C.I. brackets, 15 mm Centre hole Basin mixture, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: White Vitreous China Wash basin size 630x450 mm with fitting arrangement of approved quality, design and standard size as per direction of Engineer-incharge .	Each	1.00		
57	Total Quoted Amount (B) (inclusive of all taxes excluding Service Tax) in Rs.				
58	Total Quoted Amount (A) S.NO. 50 + (B) S.No. 57 (inclusive of all taxes excluding Service Tax) in Rs.				




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59 (a)	In case, as per the current status the party (service provider) is an Individual, HUF, or partnership firm including AOP	Service Tax (on 70 % of total amount of Sl No. 58) to be payable by party (..... %) In Rs.	
59 (b)		Service Tax (on 70 % of total amount of Sl No. 58) to be payable by BHEL (..... %) In Rs.	
60	In case, as per the current status the party is a Private or Public limited Company	Service Tax (on 70 % of total amount of Sl No.58) to be payable by party (.....%) In Rs.	
61 (a)	Total Amount inclusive of Service Tax	In case of Individual, HUF, or partnership firm including AOP (Total of 58+59a+59b) In Rs.	
61 (b)		In case of Private or Public limited Company (Total of 58+60) In Rs.	

(Signature & seal of the contractor)



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