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Tender Inviting Authority: DGM (M&C), NFL PANIPAT

Name of Work: "Renovation of Floor and Wash Rooms of Mansarovar Hall in NFL Township"

Contract No: NFL/PT/CIVIL/818

Name of the Bidder/ Bidding Firm / Company :	
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PRICE SCHEDULE

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
SI. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder in Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT In Words
1	2	4	5	7	13	15
1.0	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering All works upto plinth level. 1:2:4(1 cement:2 coarse sand: 4 graded stone aggregate 20mm nominal size).	1.000	Cum		0.00	INR Zero Only
2.0	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. (size decided by engineer-in-charge)	170.000	Sqm		0.00	INR Zero Only
3.0	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-incharge,	100.000	Kg		0.00	INR Zero Only

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1	2	4	5	7	13	15
4.0	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including pointing the joints with white cement and matching pigments etc., complete	149.000	Sqm		0.00	INR Zero Only
5.0	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge. Polished Granite stone slab colour of Black, Cherry/Ruby Red or equivalent	150.000	Sqm		0.00	INR Zero Only
6.0	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	15.000	Each		0.00	INR Zero Only
7.0	Dismantling G.I. pipes (external work) including excavation and refilling trenches after taking out the pipes, manually/ by mechanical means including stacking of pipes within 50 metres lead as per direction of Engineer-in-charge 15mm to 40mm nominal bore.	30.000	Mtr		0.00	INR Zero Only
8.0	Dismantling tile/mosaic work/plaster in floors and dados laid in cement mortar including stacking material within 50 metres lead For thickness of tiles 10 mm to 25 mm	170.000	Sqm		0.00	INR Zero Only
9.0	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved	12.000	Cum		0.00	INR Zero Only
10.0	Dismantling Geyser/Wash Basin/W.C. Seat with Cistern of any capacity and closing the water supply line with necessary plugs and depositing the same as per the instructions of Engineer-in-Charge.	15.000	Each		0.00	INR Zero Only

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1	2	4	5	7	13	15
11.0	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern,PVC Connection pipe 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 White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests. (Toilet seat, Flushing cistern etc must be of same Brand)	1.000	Each		0.00	INR Zero Only
12.0	Providing and fixing floor mounted, white vitreous china single piece, double traps syphonic water closet of approved brand / make, shape, size and pattern including integrated white vitreous china cistern of capacity 10 litres with dual flushing system, including all fittings and fixtures with soft close seat cover, jet, pvc connection pipes, flow trap, cistern fittings, nuts, bolts and gasket etc including making connection with the existing P/S trap, complete in all respect as per directions of Engineer-in-Charge. (Toilet seat, Cistern, Seat Cover must be of same Brand)	2.000	Each		0.00	INR Zero Only
13.0	Providing and fixing one piece construction white vitreous china squatting plate with an integral longitudinal flushing pipe, white P.V.C. automatic flushing cistern,PVC Connection Pipe, Flow trap for drain, all fittings, standard size G.I. / PVC flush pipe for back and front flush with standard spreader pipes with fittings, G.I clamps and C.P. brass coupling complete, including painting of fittings and cutting and making good the walls and floors etc. wherever required : Single squatting plate with 5 litre P.V.C. automatic flushing cistern. (Squatting plate, Cistern must be of same Brand)	3.000	Each		0.00	INR Zero Only
14.0	Providing and fixing wash basin with C.I. brackets, 15 mm dia CP Brass single hole basin mixer of approved quality and make, PVC Connection pipes, Flowtrap for drain,including painting of fittings and brackets, cutting and making good the walls wherever required White Vitreous China Wash basin size 550x400 mm with a 15 mm CP Brass single hole basin mixer (Washbasin, Pedestal, CP Brass Mixer must be of same brand)	4.000	Each		0.00	INR Zero Only
15.0	Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings. (Washbasin, Pedestal must be of same brand)	4.000	Each		0.00	INR Zero Only

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16.0	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in - charge.	4.000	Each		0.00	INR Zero Only
17.0	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete Semi rigid pipe 32 mm	4.000	Each		0.00	INR Zero Only
18.0	Providing and fixing 100 mm sand cast Iron grating for gully trap.	8.000	Each		0.00	INR Zero Only
19.0	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 :					
19.1	Oval shape 450x350mm (outer dimensions)	4.000	Each		0.00	INR Zero Only
19.2	Rectangular shape 1500x450 mm	2.000	Each		0.00	INR Zero Only
20.0	Providing and fixing toilet paper holder : C.P. brass	2.000	Each		0.00	INR Zero Only
21.0	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 : Sand Cast Iron S&S as per IS :3989 100 mm inlet and 100 mm outlet	8.000	Each		0.00	INR Zero Only
22.0	Providing and fixing PTMT liquid soap container 109mm wide, 125mm high and 112mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour. weighing not less than 105 gms	2.000	Each		0.00	INR Zero Only
23.0	Providing and fixing towel rail complete with brackets fixed to PVC rawl pug with C.P.Brass screws. : Single Towel Rail 600 mm long stainless steel	4.000	Each		0.00	INR Zero Only
24.0	Providing and fixing PTMT shelf 440 mm long, 124 mm width and 36 mm height of approved quality and colour. Weighing not less than 300 gms.	4.000	Each		0.00	INR Zero Only
25.0	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.	3.000	Each		0.00	INR Zero Only

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26.0	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 dia Pipes	40.000	Mtr		0.00	INR Zero Only
27.0	Providing and fixing unplasticised P.V.C. connection pipe with brass unions : 45 Cm length - 15 mm nominal bore	14.000	Each		0.00	INR Zero Only
28.0	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	4.000	Each		0.00	INR Zero Only
29.0	Providing and fixing CP brass stop cock(concealed) of standerd design and of approved make :conforming to IS8931 15mm nominal bore.	14.000	Each		0.00	INR Zero Only
30.0	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931, 15mm nominal bore.	4.000	Each		0.00	INR Zero Only
31.0	Execution of any job non-susceptible to measurement which includes all minor consumable material, tools and tackles and the payment shall be on basis of working hours (Major consumable / material shallbe supplied by NFL and the decision of the Engineer-in-Incharge in this regard shall be final.					
31.1	Skilled (Mason / Carpenter / Plumber / Technician etc.)	80.000	Per Hour		0.00	INR Zero Only
31.2	Unskilled.	80.000	Per Hour		0.00	INR Zero Only
32.0	Hacking RCC/PCC Surface for roughening to get a good bond including disposal of rubbish to dumping yard.	300.000	Sqm		0.00	INR Zero Only
33.0	Providing and fixing C.P. brass waste for sink or wash basin 32/40 mm dia	4.000	Each		0.00	INR Zero Only

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34.0	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 / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :					
34.1	For fixed portion. Polyester powder coated aluminium (minimum thickness of polyester powder coating 50 micron)	140.000	Kg		0.00	INR Zero Only
34.2	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) Polyester powder coated aluminium (minimum thickness of polyester powder coating 50 micron)	170.000	Kg		0.00	INR Zero Only
35.0	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum 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	20.000	Sqm		0.00	INR Zero Only
36.0	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 5 mm thickness (weight not less than 12.50 kg/sqm)	4.000	Sqm		0.00	INR Zero Only
37.0	Providing and fixing Heavy Duty Aluminium Tower Bolts ISI Marked anodised (Anodic Coating not less than AC 10 as per IS : 1868) transparent or Chrome polished or dyed to required colour / shade with necessary screws complete : 250 X 10 mm	48.000	Each		0.00	INR Zero Only

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38.0	Providing and fixing Heavy Duty Aluminium handles ISI Marked anodised (Anodic Coating not less than AC 10 as per IS : 1868) transparent or chrome polished dyed to required colour / shade with necessary screws etc. complete : a) 125mm	48.000	Each		0.00	INR Zero Only
39.0	Providing and fixing 100mm brass locks (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete	7.000	Each		0.00	INR Zero Only
40.0	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: (Brickwork may be used in half brick work or repair work under / above plinth etc as per site requirement) : Cement mortar 1:6 (1 cement : 6 coarse sand)	4.000	Cum		0.00	INR Zero Only
41.0	12 mm cement plaster on the rough side of single or half brick wall of mix : 1:6 (1 cement: 6 fine sand) (plaster may be used in patch repair work)	35.000	Sqm		0.00	INR Zero Only
42.0	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	1.000	Cum		0.00	INR Zero Only
43.0	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material with in 50 metres lead as per direction of Engineer - in- charge.	0.500	Cum		0.00	INR Zero Only
44.0	Extra for cutting reinforcement bars manually / by Mechanical means in R.C.C. or R.B. work(Payment shall be made on the cross sectional area of R.C.C. or R.B. work).As per Direction of Engineer in Charge	1.000	Sqm		0.00	INR Zero Only
45.0	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	1.000	Each		0.00	INR Zero Only
46.0	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : 20 mm nominal bore	2.000	Each		0.00	INR Zero Only
47.0	Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design : 100x100 mm size P type with Common burnt clay FPS(Non Modular) bricks of class designation 7.5	2.000	Each		0.00	INR Zero Only

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1	2	4	5	7	13	15
48.0	Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:1.5:3 mix (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design : Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) : With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	1.000	Each		0.00	INR Zero Only
49.0	Cleaning and desilting of gully trap chamber, including removal of rubbish mixed with earth etc. and disposal of same, all as per the direction of Engineer-in-charge.	2.000	Each		0.00	INR Zero Only
50.0	Providing and fixing on wall face unplasticised - Rigid PVC rain waterpipes conforming to IS:13592 Type A including jointing with sealring and Chemical solvent , fixing the pipe with clamps conforming to IS : 5382 leaving 10mm gap for thermal expansion. :					
50.1	Single socketed pipes- 75 mm diameter	20.000	mtr		0.00	INR Zero Only
50.2	Single socketed pipes- 110 mm diameter	20.000	mtr		0.00	INR Zero Only
51.0	Providing and fixing on wall face unplasticised PVC moulded fittings/ accessoriess 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.:					
51.1	Coupler 75 mm	1.000	Each		0.00	INR Zero Only
51.2	Coupler 110mm	1.000	Each		0.00	INR Zero Only
51.3	Single Tee / Y-Bend without door 75 x 75 x 75 mm - (with door or without door)	10.000	Each		0.00	INR Zero Only
51.4	Single Tee / Y-Bend 110 x 110 x 110 mm - (with door or without door)	6.000	Each		0.00	INR Zero Only
51.5	Bend 87.5 degreee 75 mm bend- (with door or without door)	10.000	Each		0.00	INR Zero Only
51.6	Bend 87.5 degreee 110mm bend (with door or without door)	10.000	Each		0.00	INR Zero Only

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51.7	Shoe(Plain) 75 mm shoe	1.000	Each		0.00	INR Zero Only
51.8	Shoe(Plain) 110mm shoe	1.000	Each		0.00	INR Zero Only
52.0	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. (concealed)					
52.1	25 mm	80.000	Mtr		0.00	INR Zero Only
52.2	32 mm	50.000	Mtr		0.00	INR Zero Only
53.0	Supplying and fixing metal box of following sizes (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including painting etc. as required.					
53.1	100 mm X 100 mm X 60 mm deep	10.000	Each		0.00	INR Zero Only
53.2	180 mm X 100 mm X 60 mm deep	5.000	Each		0.00	INR Zero Only
53.3	200 mm X 250 mm X 60 mm deep	5.000	Each		0.00	INR Zero Only
53.4	200 mm X 250 mm X 60 mm deep	5.000	Each		0.00	INR Zero Only
54.0	Note: (i) GST shall be paid extra as per NIT. (ii) Bidders may take care the Clause No.1.6.0 (a) of GTC & 1.8.0 of STC while quoting the Rates. (iii) bidders must read all the Clauses of STC and Scope of Work before quoting the rates.					
Total in Figures					0.00	INR Zero Only
Quoted Rate in Words				INR Zero Only		