

PRICE SCHEDULE					
	NIT No. BHEL/EMRP/HR/19-20/T-01				ANNEXURE 'P'
NAME OF THE WORK : Renovation work for Stores at BHEL EMRP, Mumbai					
Sr. No.	Description of Work	Unit	QTY	Unit Rate	Amount
1	Demolishing cement concrete including disposal of material within 50 mtrs lead in ( 1 : 3 : 6 ) or richer mix	CUM	2.50		
2	Demolishing RCC work including stacking of steel bars and disposal of unserviceable material with in 50 mtrs lead at all heights & levels	CUM	1.00		
3	Demolishing brick work including stacking of serviceable materials and disposal of unserviceable materials within 50 mtrs lead in cement mortar at all heights & levels	CUM	1.00		
4	Dismantling steel work in built up sections in angles, tees flats & channels including all gusset plates, bolts, nuts, MS frames / ladders / supports / beams etc., cutting rivets, welding etc., including all labours at all heights and levels.	Kg	2000.00		
5	Dismantling aluminium/ Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable surplus material and stacking of serviceable material with in 50 meters lead as directed by Engineer-in-charge.	Sqm	20.00		
6	Collecting conveying of debris / building rubbish, earth and excavated rocks etc., complete from factory premises to outside upto 50 kms lead including loading, unloading, all labours, hire charges of machinery etc., complete	CUM	8.00		
7	Earth work excavation in foundations trenches, drains or foundations of columns, walls, lift-pits etc., not exceeding 5metres in width or 25 sqm on plan including dressing of sides and ramming of bottoms lift upto 1.5m to 3.0m including getting out the excavated soil and disposing of surplus excavated soil as directed within a lead of 50m in all types of hard and gravelly soil.	CUM	8.00		
8	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work at all levels below foundation and for flooring concrete ( 1:2:4 )/M15	CUM	1.00		
9	Providing and laying in position machine batched mahcine mixed and machine vibrated design mix cement concrete of specified grade (M25 grade ) for reinforced cement concrete structural elements, excluding the cost of centering, shuttering finishing and reinforcement including admixtures in recommended proportions ( as per IS 9103 ) to accelerate / retarder setting of concrete, improve workability without impairing strength and durability as per direction of Engineer in-charge for the following grades of reinforced cement concrete at all heights & floors with RMC or cast in situ				
	M 25 grade	CUM	10.00		
10	Providing and laying in position reinforcementfor RCC work including straightening, cutting, bending, placing in position and binding for bars with 16 gauge G I wires welding of reinforcement where required, providing cover to reinforcement all complete in THERMO MECHANICALLY TREATED BARS	Kg	100.00		
11	Providing and constructing 230 mm thick brickwork with bricks of class designation 75 at all levels in CM ( 1:6 ) including providing necessary staging, scaffolding curing removing the staging and scaffolding, complete work.	CUM	17.00		
12	Providing surfaces of walls outside periphery of chajja etc., with plaster of CM ( 1:6 ) 15 mm average thickness to get a plain and even surface finished rough at all levels including providing and removing scaffolding ( outside )	SQM	200.00		

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Sr. No.	Description of Work	Unit	QTY	Unit Rate	Amount
13	Providing and fixing anodised aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular and other sections of approved made conforming to IS : 733 and IS : 1285 anodised transparent or dyed to required shade according to IS : 1868 ( Powder coated aluminium (minimum thickness of powder coating 50 micron) ), fixed with rawl plugs and screns or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions at top, bottom and sides with required PVC / neoprine 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, CP brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge ( Glazing and panelling to be paid for separately ) for shutters of doors, windows and ventilators including providing and fixing hinges / pivots and making provision for fixing of fittings wherever required including the cost of PVC / Neoprene gasket required ( fittings shall be paid for separately.	Kg	150.00		
14	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc., with PVC / neoprene gasket etc., complete as per the architectural drawings and the directions of Engineer-in-charge				
	With tinted/plain glass panes of 4.00 mm thickness	SQM	40.00		
15	Providing and painting ceilings, porticos inside walls, etc., two or more coats of Acrylic plastic emulsion of approved brand and make to give an even shade, including 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 as required providing scaffolding and providing touch-ups as required complete works for walls.	SQM	200.00		
16	Providing and painting ceilings porticos, inside walls , steel structure etc with two or more coats of synthetic enamel of approved quality and make to give an even shade as required providing scaffolding and removing scaffolding etc., complete at all heights and levels	SQM	390.00		
17	Providing structural steel work in single section/ Built up section fixed with connecting plate including angles,Box Section, chequered plate, Ms plates / flats beams, Joists, Tees, Channels etc., cutting hoisting fixing in position at all levels and applying a priming coat of approved steel primer etc., complete FOR GATE, HAND RAIL,STAIRCASE, SKY WALKWAY, TRENCH,FENCING ,COLUMNS,BEAMS,CHEQUERED PLATES/SHEETS ,WINDOW GRILL& ROOFING ETC	Kg	5300.00		
18	Providing structural steel work inbuilt up tubular (round, square or rectangular hollow tubes etc.) trusses etc. including cutting hoisting fixing in position at all levels and applying a priming coat of approved steel primer etc., including welding and bolted with special shaped washers etc. complete FOR GATE, HAND RAIL, STAIRCASE, SKY WALKWAY, TRENCH,FENCING ,COLUMNS,BEAMS,CHEQUERED PLATES/SHEETS ,WINDOW GRILL& ROOFING ETC				
	Electric resistance or induction butt welded tubes	Kg	4000.00		

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19	Labour only for structural steel work in single section/ Built up section fixed with connecting plate including angles, Box Section, chequered plate, Ms plates / flats beams, Joists, Tees, Channels etc., cutting hoisting fixing in position at all levels and applying a priming coat of approved steel primer etc., complete FOR GATE, HAND RAIL, STAIRCASE, SKY WALKWAY, TRENCH, FENCING, COLUMNS, BEAMS, CHEQUERED PLATES/SHEETS, WINDOW GRILL & ROOFING ETC. Required Structural Steel shall be supplied by BHEL free of cost.	Kg	1200.00		
20	Centering and shuttering including strutting, propping etc., and removal of Form for at all heights and levels for Suspended floors, roofs, landings, balconies and access platforme, Foundations, footings, bases of columns, etc. for mass concrete, Lintels, beams, plinth beams, girders, bressumers and cantilevers, Columns, Pillars, Piers, Abutments, Posts and Struts	sqm	10.00		
21	Providing and fixing IS : 3564 marked aluminium die cast body tubular type Universal Hydraulic door closer Dorma make or equivalent with necessary accessories and screws etc complete at all heights & levels	Each	2.00		
22	Providing and fixing aluminium sliding door bolts I S I 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 for 250 X 16 mm size at all heights & levels	Each	2.00		
23	Providing and fixing aluminium I S I marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) ISI marked tower bolts of size 250 X 10 mm size with nuts & screws	Each	2.00		
24	Providing and fixing aluminium ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868 ) aluminium handles of 125 mm size with nuts & screws	Each	2.00		
25	Providing and fixing aluminium I S I marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) aluminium hanging floor door stopper of single rubber stopper with screws for fixing stopper.	Each	2.00		
26	Providing and fixing bright finished brass 100 mm mortice latch and lock ISI marked with six levers and a pair of anodized (anodic coating not less than grade AC 10 as per IS : 1868) aluminium lever handles with necessary screws etc complete (best make of approved quality)	Each	2.00		
27	Providing and laying cement concrete (1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size ) 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, flooring, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing	cum	2.00		
28	Providing and laying vitrified floor tiles of size 600 x 600 mm of thickness not less than 10 mm of M/s. Johnson (Marbonite ) or equivalent in light colours and shades laid on 20 mm thick CM ( 1:3 ) ( 1 cement : 3 coarse sand ) and curing and filling the joints with filler to match with colour of tiles complete as per the directions of the Engineer-in-charge at all levels and floors	SQM	50.00		
<b>Sub Total</b>					
<b>Add GST</b>					
<b>G Total</b>					

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