

SCHEDULE

NAME OF THE WORK :IMPROVEMENT WORKS AT CANTEEN BUILDING

SI.No	Description	Unit	Qty.	Rate per unit in figures and words	Amount
1	Earth work in excavation over areas (exceeding 30 cm in depth. 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5 m disposed earth to be levelled and neatly dressed in all types of soil	CUM	140.00		
2	Demolishing Cement concrete work at all including cutting scrapping and cleaning of reinforcement and stacking them neatly and disposal of unserviceable material outside the factory premises.	CUM	10.00		
3	Providing and Laying M20 Grade Precast Steam cured Hydrolicaly pressed kerb stone with necessary pointing with CM 1:3 incluig curing etc., complete	RMT	110.00		
4	Providing and fixing on wall face unplasticised rigid PVC rain water pipe 230mm dia conforming to IS :13592 type A including jointing with seal ring conforming to IS 5382 leaving 10mm gap for thermal expansion including all fittings like Tees, bends, clamps, screws, (cleats) etc., complete at all heights and levels as directed by Engineer-in-charge 230mm dia.	RMT	150.00		

SI.No	Description	Unit	Qty.	Rate per unit in figures and words	Amount
5	Steel work in buildup section/framed work including cutting, Hoisting, Fixing in position & applying a primer coat of steel primer using structural steel as required in stringer, treads, landing, etc of staircase/lift room including use of chequered plates/Gusset plates/M.S plates all complete at all heights & levels.	KGS	2000.00		
6	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering in cc 1;2;4 (1 cement ;2 coarse sand ; 4 graded stone aggregate 20mm nominal size including curing etc complete.	CUM	37.00		
7	Dismantling of existing damaged Tarfelt sheet at all heights and levels as per directions of Engineer-in-charge.	SQM	1000.00		
8	Providing and Laying of Tar felt with cleaning with surface with wire brush applying one coat of primer shali coat - and applying one coat of Bitumin 90/15 laying of one layers of tar felt IS-1322 STP tar felt BH. applying second coat of Bitumin 90/15 and finished with aluminium paint. etc., complete as per direction of Engineer-in-charge at all heights and Levels.	SQM	1000.00		

SI.No	Description	Unit	Qty.	Rate per unit in figures and words	Amount
9	Constructing brick masonry manhole with 50 class designation bricks in cement mortar 1:4 (1 cement : 4 coarse sand) R.C.C top slab with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate nominal size) inside plastering 12mm 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 (1cement : 2 coarse sand : 4 graded stone aggregate 20mm thick nominal size) finished with a floating coat of neat cement complete as per standard design.				
	a) Inside size 90 x 80 cm and 45 cm deep including C.I frame (light duty) 455 x 610 mm internal dimensions total weight of cover and frame to be not less than 38kg (weight of cover 23kg weight of frame 15kg) with F.P.S bricks	Nos	2.00		
	b) Inside size 90 x 80 cm and 45 cm deep including C.I cover with frame (light duty) 455 x 610 mm internal dimensions total weight of cover and frame to be not less than 38kg (weight of cover 23kg weight of frame 15kg) with F.P.S bricks	Nos	2.00		

SI.No	Description	Unit	Qty.	Rate per unit in figures and words	Amount
	c) Inside size 120 x 90 cm and 90 cm deep including C.I cover with frame (medium duty) 500 mm internal diameter, total weight of cover and frame to be not less than 116kg (weight of cover 58kg weight of frame 58kg) with F.P.S bricks	Nos	2.00		
	d) Inside size 120 x 90 cm and 90 cm deep including C.I cover with frame (heavy duty) 560 mm internal diameter, total weight of cover and frame to be not less than 208kg (weight of cover 108kg weight of frame 100kg) with F.P.S bricks	Nos	2.00		
10	Extra for depth for manholes				
	a) size 90 x 90 (With F.P.S bricks)	RMT	2.50		
	b) size 120 x 90 (With F.P.S bricks)	RMT	3.00		
11	Providing and laying cobble stone interlock paving block 60mm thick M20 grade including spreading of sand 50mm thick, vibrating with 2T force vibrator. Cleaning the excess sand etc., Complete for natural Grey colour cobble stone of approved make as per the directions of Engineer-in-charge	SQM	900.00		
12	Providing and fixing 300mm dia PVC SWR pipe 4kg/cmsq. Rate is inclusive of tees, bend, L bow etc., of approved make and brand.	RMT	250.00		

SI.No	Description	Unit	Qty.	Rate per unit in figures and words	Amount
13	Providing and fixing 300mm dia PVC SWR pipe channel (half portion cut in to two portion for open drainage)4kg/cmsq. Rate is inclusive of tees, bend, L bow etc., of approved make and brand.	RMT	60.00		
14	Dismantling stone slab flooring laid in cement mortar including stacking of serviceable meterial and disposal of unserviceable material within 50 metres lead.	SQM	900.00		
15	Collecting & disposing off earth, debris, etc. at site as directed by the Engineer-in-charge, out of factory/Township premises & cleaning the site neatly including cost of transportation	CUM	100.00		
16	Providing and constructing 230mm thick brickwork with bricks at all levels in CM(1:6) including providing and removing scaffolding curing etc., complete as directed by Engineer-in-charge for superstructure	CUM	10.00		
17	Providing plastering to all masonry and concrete surfaces of walls, columns, beams, etc with 12mm thick in CM 1:4 (1 Cement : 4 fine sand), including providing necessary scaffolding, rounding off all corners wherever required, smooth finish, curing etc .., complete for all internal surfaces at all heights, depaths and levels.	SQM	43.00		

SI.No	Description	Unit	Qty.	Rate per unit in figures and words	Amount
18	Providing and fixing anodized aluminum work for doors, windows, ventilators and partitions with extruded built up standard tubular and other sections of approved make conforming to IS : 733 and IS:1285, anodized transparent or dyed to required shades according to IS:1868 (Minimum anodic coating grade AC 15) , fixed with raw 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 PVC neoprene felt etc. Aluminum section shall be smooth, rust free, straight, mitered and jointed mechanically wherever required including cleat angle, Aluminum snap beading for glazing / paneling, C.P brass, stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge	KGS	200.00		
19	Providing, laying and fixing 18mm thick mirror polished granite, machine cut for kitchen platforms, vanity counters facias and similar location 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 cement mixed with matching pigments epoxy touchups including rubbing, curing etc., complete at all heights and levels for granite slabs of approved colour of any dimension of each granite slabs as per the direction of engineer-in-charge including grinding of edges/faces half/full round, chamfering of edges wherever required FOR WALL CLADING	SQM	497.00		

SI.No	Description	Unit	Qty.	Rate per unit in figures and words	Amount
20	Providing, laying and fixing 18mm thick mirror polished granite, machine cut for kitchen platforms, vanity counters facias and similar location 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 cement mixed with matching pigments epoxy touchups including rubbing, curing etc., complete at all heights and levels for granite slabs of approved colour of any dimension of each grante slabs as per the direction of engineer-in-charge including grinding of edges/faces half/full round, chamfering of edges wherever required FOR FLOORING	SQM	465.00		
20 A	Sira stone flooring with 75mm thick Chisel dressed sira stone paper joint flooring over 20mm thick average base cement mortar 1:4 (1 cement : 4 Course sand) layed and jointed with gray cement	SQM	25.00		
21	Providing and fixing 12mm thick prelaminated three layer medium dencity (exterior grade) particle board Grade I , type II conforming to IS : 12823 bonded with Phenol fomaldehyde synthetic resin, of approved brand and manufacture in panelling frames with C.P brass / stainless steel screws etc., complete as per architectural drawings and direction of engineer-in-charge. Prelaminated particle board with decorative lamination on both sides.	SQM	29.00		

SI.No	Description	Unit	Qty.	Rate per unit in figures and words	Amount
22	Providing and laying polished vetrified floor tiles in different sizes (thickness to be specified by the manufacture) with water absorption's less than 1% and flexural strength not less than 30N/mm ² , in all colour and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement and matching pigments etc., complete the size of tile 60X60cm	SQM	25.00		
23	Providing and fixing G.I pipes complete with G.I fittings and clamps, including and making good the walls etc., Internal work including concealed pipe painting with anti corrosive bitumastic paint cutting chases and making good the wall etc., complete				
	a) 15mm dia nominal bore	Rmt	50.00		
	b) 25 mm dia nominal	Rmt	50.00		
	c) 32 mm dia nominal	Rmt	150.00		
	d) 40 mm dia nominal	Rmt	100.00		

SI.No	Description	Unit	Qty.	Rate per unit in figures and words	Amount
24	Providing and fixing gun material gate valve with C.I wheel of approved quality (screwed end)				
	a) 25mm nominal bore	Nos	5.00		
	b) 32mm nominal bore	Nos	5.00		
	c) 40mm nominal bore	Nos	3.00		
25	Providing and fixing ball valve (brass) of approved quality complete.				
	a) 20mm nominal bore	Nos	7.00		
	b) 25mm nominal bore	Nos	7.00		
26	Providing & fixing glazing in aluminum door, window, ventilator, shutter & partition etc. with PVC / neoprene gasket etc.complete as per directions of Engineer - in - charge (Cost of aluminum snap beading shall be paid in basic item.) with plain glass panes of 4.0mmmm thickness (Weight not less than 13.75 Kg / sqm)	SQM	100.00		

SI.No	Description	Unit	Qty.	Rate per unit in figures and words	Amount
27	Providing and finishing walls with water proofing cement paint "Snowcem plus" of M/s. Snowcem India Ltd. or equivalent of required shade on new work (2or more coats applied @ 3.84 kg/10Sqmt)	SQM	526.00		
28	Providing painting with synthetic enamel paint of approved brand & 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 & manufacture	SQM	1552.00		
29	Providing and painting plastic emulsion paint of approved brand and manufacture to given an even shade 2 or more coats on new work including preparing the base including zinc putty and priming coat at all heights and levels	SQM	1218.00		
30	Removing of colour Paint by scrapping and sand prepering and prepering the surface smooth including necessary repairs to scratches etc., complete	SQM	2770.00		

TOTAL

Rupees In Words _____
