

PROJECT:		PROPOSED RENOVATION CANTEEN BUILDING	DATE:03/06/2023
SITE :		AT THE EXISTING CAMPUS OF OFFICERS CLUB, SATARA	
CLIENT :		SUPERINTENDENT OF POLICE SATARA	
ESTIMATE		BLOCK ESTIMATE	
JOB NO:		0733-A	
A B S T R A C T			
Sr No	Quantity	Description	Rate Unit Amount
A		CANTEEN RENOVATION WORK	
a		Civil Work	
1	7.29	Excavation for foundation in earth, soil of all types, sand, gravel and soft murum, including removing the excavated material upto a distance of 50m . beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling ,ramming, watering including shoring and strutting etc. complete. (Lift upto 0.00 to 1.50 m.) By Manual Means	Cu.m
2	0.486	Providing and laying in situ /Ready Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal for R.C.C. work in foundations like raft, strip foundations, grillage and footings of R.C.C. columns and steel stanchions etc. including bailing out water, Steel centering formwork, laying/pumping cover blocks, compaction and curing roughening the surface if special finish is to be provided (Excluding reinforcement and structural steel) etc. complete, with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)	Cu.m

	3	5.197	<p>Providing and laying Cast in situ/ Ready Mix cement concrete M-20 of trap/ granite/ quartzite /gneiss metal for R.C.C.columns as per detailed designs and drawing or as directed including steel centering ,formwork, coverblocks, laying /pumping, compaction finishing the formed surfaces with cement mortar1:3 of sufficient minimum thickness to give a smooth and even surface or roughening if special finish is tobe provided and curing etc. complete. (Excluding reinforcement and structural steel) .with fully automatic microprocessor based PLC with SCADA enabled reversible Drum Type mixer /concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)</p>		Cu.m	
	4	7.77	<p>Providing and laying Cast in situ/ Ready Mix cement concrete M- 20 of trap/ granite/ quartzite/ gneiss metal for R.C.C.beams and lintels as per detailed designs and drawings or as directed including steel centering, formwork, cover blocks, laying/pumping , compaction and roughening the surface if special finish is tobe provided and curing etc. complete. (Excluding reinforcement and structural steel) .with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer /concrete Batch mixplant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)</p>		Cu.m	

	5	0.324	Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap/ granite/ quartzite/ gneiss metal for R.C.C. chajja as per detailed design and drawings including steel centering, formwork, cover blocks, laying/pumping, compacting and roughening the surface if special finish is to be provided and curing complete. (Excluding reinforcement and structural steel). with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)		Cu.m	
	6	4.64	Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap/ granite / quartzite/ gneiss metal for R.C.C. slabs and landings as per detailed designs and drawings including steel centering, formwork, cover blocks, laying/pumping, compaction finishing the formed surfaces with cement mortar 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening if special finish is to be provided and curing etc. complete,(Excluding reinforcement and structural steel).with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)		Cu.m	
	7	1.8	Providing and laying Fe 500 grade of steel of standard specifications including cutting ,bending,placing,knoting etc. in position as per drawings of structural engineer or as suggested by engineer in charge,providing appropriate covers required into the formwork to obtain proper cover.		Tonne	

	8	20.49	Providing first class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in plinth including bailing out water manually, striking joints on unexposed faces, pointing with cement mortar 1:3 on exposed face and watering etc. Complete.		Cu.m	
	9	74.75	Providing internal cement plaster 12mm thick in single coat in cement mortar 1:3 without neeru finish to concrete or brick surfaces, in all position including scaffolding and curing etc. complete.		Sq.m	
	10	92.54	Providing sand faced plaster externally in cement mortar using approved screened sand, in all positions including base coat of 15 mm thick in cement mortar 1:4 using waterproofing compound at 1Kilogramper cement bag curing the same for not less than 2 days and keeping the surface of the base coat rough to receive the sand faced treatment 6 to 8 mm thick in cement mortar 1:4 finishing the surface by taking out grains and curing for fourteen days scaffolding etc.complete		Sq.m	
	11	5.23	Providing and laying telephone black / Amba White / Cadburybrown / Ruby red /Ocean Brown granite stone of 18 to 20 mm thick for door frame/ dado/ window boxing etc. On C.M. 1:6 including filling joints with polymer base filler nosing/moulding the sharp edges wherever necessary, curing, etc. complete.		Sq.m.	

	12	27.9	Providing and laying vitrified mirror/glossy finish tiles decorative type having size 590 mm to 605 mm x 590 mm to 605 mm of 8 to 10 mm thickness and confirming to IS.15622-2006 (group B1a) of approved make, shade and pattern for flooring in required position laid on a bed of 1:4 cement mortar including neat cement float, filling joints, curing and clearing etc. complete.		Sq.m.	
	13	16.6	Providing and laying vitrified mirror/glossy finish tiles having size 590 mm to 605 mm x 590 mm to 605 mm of 8 to 10 mm thickness and confirming to IS.15622-2006 (group B1a) of approved make, shade and pattern for dado and skirting in required position fixed in 1:4 cement mortar including neat cement float, filling joints, curing and clearing etc. complete		Sq.m.	

Total cost of work portion	
Electification (11%)	
Total cost of work portion	
Add GST (18%)	
Add Consultancy Charges (2%)	
TOTAL	

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A B S T R A C T					
Sr No	Quantity	Description	Rate	Unit	Amount
3	155.00	Tensile Fabric Roofing - Design, Supply, Conversion and Installation of Tensile Membrane fabric with MS plates finished with nuts, bolts and associated accessories as per approved design concept. (Market Rate)		Sqm	
		Total cost of work portion			
		Electification (11%)			
		Total cost of work portion			
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Sr No	Quant ity	Description	Rate	Unit	Amount
1	107.8	Providing and laying Designer Garden tile type having size confirmed from architectof approved make, shade and pattern for flooring in required position laid on a bed of 1:4 cement mortar including neat cement float, filling joints, curing and clearing etc. complete. at dinning		Sqm	
2	98.37	Preparing lawn (20cm Depth) : Excavating the ground to a required depth of 20cms,removing &conveying unwanted stuff to a required distance as directed.Filling fresh garden soil/silt & manure in excavated area in 3:1 proportion to a height of 20 cms.Mixing garden soil and manure thoroughly well,levelling ,and watering on previous night.Planting required variety of lawn grass as directed and maintaining till well established by watering, weeding, clipping , rolling, etc. complete.		Sqm	

	1	74.75	Providing and applying Royale Luxury Emulsion of approved make on internal wall surface as detailed below Scrapping for surface with emery paper and wipe clean for area. wall primer with brush by adding mineral turpentine oil by 8to10 % or water by 15 to 20 % allowing to dry for 6 to 8 hours After applying acrylic wall putty with appropriate prpportion of water of allow to dry for period of 4 to 6 hours of activity.Scrapping with emery paper and wipe clean Applying paints Royale Luxury emulsion 1st coat with brush water content water 40 to 45 % or 65 to 70 % by roller (With prior approval of S.E.)		Sq.m	
	2	2.73	Providing and fixing solid core flush door shutter in single leaf 32 mm thick decorative type of exterior grade as per detailed drawings approved face veneers 3 mm thick on both faces or as directed, all necessary beads, mouldings and lipping, wrought iron hold fasts, chromium plated fixtures and fastenings, with brass mortise lock,chromium plated handles on both sides, and finishing with French Polish etc. complete.		Sq.m.	
	3	10.00	Large/Medium size trees including excavation and all necessary equipments.		Sqm	
	4	31.35	Providing Green wall / Verticle Garden with drip irrigation		Sqm	

	5	3.6	Providing and fixing in position (as per 1868 /1982) Alluminium sliding window of three tracks with rectangular pipe 95x38.10x0.90 mm at weight 0.637 Kilogram/ One Running Metre. with window frame bottom track section 92x31 .75x1.30 mm at weight 1.070 Kilogram/ One Running Metre. .Top and side track section 92 x 31.75 x 1.30 mm at weight 0.933 Kilogram/Running metre. The shutter should be of bearing bottom 40x18x1.25 mm at weight 0.417 Kilogram / One Running Metre. Interlocking section 40 x 18 x 1.10 mm at weight 0.469 Kilogram/ Running metre .and handle and top section 40x18x1.25 mm at weight 0.417 Kilogram/Running metre. As per detailed drawings and as directed by Engineer in charge with all necessary Aluminium sections fixture and fastenings such as roller bearing in nylon casting and self locking catch fitted in vertical section of shutter including 5mm thick plain glass and aluminium mosquito net shutter with stainless steel jail with all required screws		Sq.m.	
			Interior Work			
	6	10.00	Providing and various types of Small size Dinning tables including 4 nos of chairs confirming 18 mm thick commercial ply with 3 mm venner		Nos	
	7	4.00	Providing and various types of Big size Dinning tables including 4 nos of chairs confirming 18 mm thick commercial ply with 3 mm venner		Nos	
			Total cost of work portion			
			Electification (11%)			
			Total cost of work portion			
			Add GST (18%)			
			Add Consultancy Charges (2%)			
			TOTAL			