

Police Karmachari Sahakari Path Sanstha Maryadit , Amravati City (R. No. 667)

Name of work :-Construction of Building Police Karmachari Sahakari Path Sanstha Maryadit , Amravati City (R. No. 667) at Camp, Amravati

As per S.S.R 2022 - 23

SCHEDULE "B"

Item No.	Description	Quantity	Unit	Rate	Amount
1	Excavation for foundation in earth, soils of all types,sand, gravel and soft murum, including removing theexcavated material upto a distance of 50 m. beyond thebuilding area and stacking or spreading as directed, preparing the bed for the foundation and necessaryback filling, ramming, watering, including shoring andstrutting as necessary complete. (Speci. Bd.A. 1 / Page No. 259)(CSR item No.1, page No.1)	57.92	cum	217.25	12582.03
2	Excavation for foundation in hard murum includingremoving the excavated material upto distance of 50meters beyond the building area and stacking orspreading as directed, preparing the bed for thefoundation and necessary back filling, ramming,watering including shoring and strutting etc.complete. (Speci. Bd.A. 2 / Page No. 259)(CSR item No 2, page No.1)	19.31	cum	298.05	5753.86
3	Filling in plinth and floors with contractors approved material / murum in 15 cm to 20 cm layers including watering and compaction complete. Spec. No. : Bd.A. 11/Page No. 263 (As per CSR item No.8, page No.3)	137.48	cum	959.40	131895.67
4	Providing and laying Cast in situ/Ready Mix cement concrete in M-10 of trap/ granite/ quartzite/ gneiss metal for foundation and bedding including bailing out water, steel centring ,formwork, laying/pumping, compacting, roughening them if special finish is to be provided, finishing if required and curing 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 aggregates (crush ed sand V.S.I. grade)	15.83	cum	6470.50	102456.32
5	Providing and laying Cast in situ/Ready Mix cement concrete M- 15 of trap/ anite/quartzite /gneiss metal for coping to plinth or parapet, moulded or chamfered as per drawing or as directed including steel centering, plywood/ steel formwork compacting, roughening them if special finish is to be provided, finishing uneven and honeycombed surface and curing etc. complete. The Cement Mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only. Newly laid concrete shall be covered by gunny bag, plastic, tarpaulin etc. (Wooden centering will not be allowed.) with fine aggregate (Crushed sand VSI Grade)	0.83	cum	7188.55	5932.28
6	Providing and laying Cast in situ/Ready Mix cement concrete M-25 of trap / granite/quartzite/gneiss metal for R.C.C. work in foundations like raft,strip foundations,grillage and footings of R.C.C.column sand steel stanchions etc.including bailing out water,Steel centering,formwork,cover blocks,laying/pumping,compaction and curing roughening the surface if special finishis to be provided (Excluding reinforcement and structural steel)etc.complete,with fully automatic micro process or based PLC with SCADA enabled reversible Drum Type mixer/concrete Batch mix plant (Panmixer)etc.complete.With fine aggregate (Crushed sand VSI Grade))	14.58	cum	7786.75	113530.82
7	Providing and laying Cast in situ/Ready Mix cement concrete M-25 of trap / granite/quartzite/gneiss metal for R.C.C. columns as per detailed designs and drawings or as directed including steel centering,formwork,cover blocks,laying/pumping,compaction finishing the formed surfaces with cement mortar 1:3 of sufficient minimum thickness to give as mooth and even surface or roughening if special finishis 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)	8.91	cum	15009.25	133732.42

8	Providing and laying Cast in situ /Ready Mix cement concrete in M- 25 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,form work,cover blocks,laying/pumping,compaction and roughening the surface if special finishes to be provided and curing etc.complete.(Excluding reinforcement and structural steel).with fully automatic micro processor based PLC with SCADA enabled reversible DrumType mixer/concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)				
		18.82	cum	13419.25	252563.60
9	Providing and laying Cast in situ/Ready Mix cement concrete M-25 of trap/granite/quartzite/gneiss metal for R.C.C.slabs and landings as per detailed designs and drawings including steel centering,formwork,coverblocks,laying/pumping,compaction finishing the formed surfaces with cement mortar 1:3 of sufficient minimum thickness to give as smooth and even surface or roughening if special finishes 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				
		8.72	cum	15165.60	132220.25
10	Providing and laying Cast in situ/Ready Mix cement concrete M-25 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 finishes to be provided and curing complete.(Excluding reinforcement and structural steel).with fully automatic micro processor based PLC with SCADA enabled reversible DrumType mixer/concrete Batch mix plant (Panmixer)etc.complete. With fine aggregate (Crushed sand VSI Grade)				
		0.47	cum	15165.60	7063.38
11	Providing and laying Cast in situ/Ready Mix cement concrete in M-25 of trap / quartzite /granite /gneiss metal for R.C.C. Waist slab, and steps of staircases as per detailed design and drawings or as directed including steel centering, formwork, steel props, laying/pumping, compaction, finishing uneven and honeycombed surface with C.M. 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening the surface if special finish is to be provided and curing etc. complete. (Excluding reinforcement, including cover block).(Newly laid concrete shall be covered by gunny bag, plastic, tarpaulin etc.) 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)				
		4.40	cum	13200.95	58097.38
12	Providing and fixing in position TMT - FE - 500 bar reinforcement of various diameters for R.C.C.pilecaps,footings,foundations,slabs,beamscolumns,canopies,staircase,newels, chajjas,lintels,paradis,copings,fins,archesetc.as per detailed designs,drawings and schedules.including cutting, bending, hooking the bars, binding with wires or tack welding and supporting as required complete.	5.59	MT	94159.80	526353.28
13	Providing second class Burnt Brick masonry with conventional/I.S. type bricks in cement mortar 1:6 in foundations and plinth of inner walls/ in plinth external walls including bailing out water manually , striking joints on unexposed faces, raking out joints on exposed faces and watering etc. Complete.	7.22	cum	9022.05	65140.64
14	Providing second class Burnt Brick masonry withconventional/ I.S. type bricks in cement mortar 1:6 in super structure including striking joints, racking outjoints wateringand scaffolding complete. Spec.No.: Bd.G.5 /Page No. 315 As per CSR I No 4 Pg No 17 (BDG)				
		21.26	Cum	9272.85	197117.79

15	Providing second class Burnt Brick masonry with conventional / I.S. type bricks in C.M. 1:4 in half brick thick wall including 75mm thick band in C.C.1:2:4 after every eleventh layer with mild steel longitudinal reinforcement of 2 bars of 8mm diameter, scaffolding, racking out joints and watering etc. complete. (The C.C. band to be provided along with M.S. reinforcement.) Spec.No.: Bd.G.7 / Page No. 316 As per CSR I No 5 Pg No 17 (BDG 7)				
		37.04	Sqm	1279.55	47397.09
16	Providing internal cement plaster 12mm thick in a single coat in cement mortar 1:4 without neeru finish to concrete or brick surface in all positions including scaffolding and curing complete. [Spec.No. :Bd.L.2 Page No. 368] CSR I.No. 4 Pg No 32 (BDL 2A)				
		195.30	Sqm	306.00	59760.88
17	Providing internal cement plaster 6mm thick in single coat in cement mortar 1:3 without neeru finish to concrete or brick surfaces, in all positions including scaffolding and curing etc. complete.				
		68.84	Sqm	220.40	15172.91
18	Providing sand faced plaster for external portion in cement mortar using Kharsalia / Kasaba or similar type of sand, in all positions including base coat of 15 mm. Thick in C.M. 1:4 using water proofing compound at 1kg per cement bag, curing the same for not less than 3 days and keeping the surface of the base coat rough to receive the sand faced treatment 6 to 8 mm thick in C.M. 1:4 finishing the surface by taking out grains, making grooves and curing for fourteen days scaffolding etc. complete. [Spec.No. :Bd.L.7 Page No. 369] As per CSR I.No. 9 Pg No 33 (BDL 7)				
	basement floor	179.55	Sqm	702.00	126041.29
19	Providing and fixing frame with / without ventilator of size as specified with Country non teak wood for doors and windows including chamfering, rounding, rebating, iron holdfast of size 300mm x 40mm x 5mm with oil painting, etc. complete.				
	ground floor lev.1	0.10	cum	112414.05	11648.34
20	Providing and fixing mild steel grill work for windows, ventilators etc. 20 kg/sqm as per drawing including fixtures, necessary welding and painting with one coats of anticorrosive paint and two coats of oil painting complete.				
		13.08	Sqm	2204.10	28829.63
21	Providing and fixing Country cut teak wood double or single leaf second class fully panelled door shutter with 35 mm thick style and rail with 25 mm thick panels with openable fanlight as per detailed drawings. Excluding the door frame 60mm x 100mm stainless steel fixtures and fastening and finishing the wood work with oil painting 3 coats. (Excluding the door frame)				
		15.25	Sqm	10047.90	153190.28
22	Providing and fixing in position (as per 1868 / 1982) Aluminium sliding window of three tracks with rectangular pipe 95 x 38.10 x 0.90 mm at weight 0.637 kg/Rmt. with window frame bottom track section 92 x 31.75 x 1.30 mm at weight 1.070 kg/Rmt.. Top and side track section 92 x 31.75 x 1.30 mm at weight 0.933 kg/Rmt. The shutter should be of bearing bottom 40 x 18 x 1.25 mm at weight 0.417 kg/Rmt. Inter locking section 40 x 18 x 1.10 mm at weight 0.469 kg/Rmt. and handle and top section 40 x 18 x 1.25 mm at weight 0.417 kg/Rmt. As per detailed drawings and as directed by Engineer in charge with all necessary Aluminium sections fixtures and fastenings such as roller bearing in nylon casting and self locking catch fitted in vertical section of shutter including 5 mm thick plain glass and aluminium mosquito net shutter with stainless steel jail with all required screws and nuts etc, complete. With colour Anodising without box				
		10.20	Sqm	5068.05	51694.11
23	Providing and fixing in position anodized aluminium louvered windows/ ventilators of various sizes as per detailed drawings and specifications including aluminium frames 80 x 38 mm box aluminium window / ventilator (Spec.No.: As directed by Engineer- in-charge.) (As per CSR item No.17, page No.81)				
		2.88	Sqm	3638.60	10479.17
24	Providing and fixing 900 mm high S.S.304 Grade Stainless steel railing with 40 mm diameter and 1.5 mm thick at top, 40 mm diameter and 1.5mm thick vertical supports spaced at 1.5 m center to center and 8 mm thick toughened glass including abracting, fixtures, erecting, necessary welding, grinding, finishing, buffing to stainless steel pipe etc complete				
		10.00	Rmt.	4936.85	49368.50

25	Providing and laying vitrified rustic matt stone 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 (GroupBla) 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, curling and cleaning etc. complete	39.07	sqm	1863.55	72804.43
26	Providing and laying vitrified matt stone finish tiles having size 590 mm to 605 mm x to 605 mm of 8 to 10 mm thickness and confirming IS.15622-2006 (GroupBla) 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 cleaning etc. complete	3.71	sqm	1942.25	7201.86
27	Providing and fixing machine cut machine polished 18 mm to 20 mm thick telephone black / Amba White / Cat bary brown / RBI red / Ocean Brown granite stone for treads and risers of steps and staircases of approved colour and shade with full moulding and three grooved line for the treads on bed of 1:4 Cement mortar including float filling joints with neat cement slurry curing polishing and cleaning etc. complete	15.06	sqm	4386.30	66057.68
28	Providing sills of required material 20mm to 25mm thick, on a bed of cement mortar 1:4 including cement float, filling joints with neat cement slurry, curing, moulding edges, polishing, cleaning complete. b) Granite	17.51	sqm	4086.20	71541.19
29	Providing and laying ceramic tiles of having size 30 cm x 30 cm confirming to I.S.15622/2006 (group D II-A) and 7 to 8 mm thick for flooring in required position laid on a bed of 1:4 cement mortar including cement float, filling joint with white/colour cement slurry cleaning curing etc. complete.	4.64	sqm	1248.40	5792.58
30	Providing and laying ceramic tiles having size 30 cm. x 45 cm. confirming to corresponding I.S. for dado and skirting in required position with readymade adhesive mortar of approved quality on plaster of 1:2 cement mortar including joint filling with	28.94	sqm	1349.20	39043.15
31	Providing and laying chequered tiles of approved quality of size 30 cm x 30 cm, confirming to corresponding I.S. for flooring in required position laid on a bed of 1:4 cement mortar including cement float, filling joint with cement slurry cleaning curing	24.03	sqm	778.95	18714.27
32	Providing and applying Two coats of wall care Putty on plastered surface and Ceiling and Walls to prepare surface even and smooth of approved make, etc complete.	264.14	sqm	94.45	24947.99
33	Providing and applying priming coat on concrete / masonry / Asbestos Cement plastered surfaces including scaffolding if necessary, preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign matter and sand papering as required etc. complete.	264.14	sqm	37.80	9984.48
34	Providing and applying plastic emulsion paint of approved quality, colour and shade to old and new surfaces in two coats including scaffolding, preparing the surface. (excluding the primer coat) etc. complete.	264.14	sqm	83.95	22174.52
35	Providing and applying two coats of exterior weather shield paint of approved manufacture and of approved colour to the plastered surfaces including cleaning, preparing the plaster surface applying primer coat, scaffolding if necessary, and watering the surface for two days etc complete. NOTE: For Item No. 15 to 18 prior approval of Superintending Engineer will be necessary	179.55	sqm	309.60	55587.44
36	Providing and fixing 10cm C.I. Nahani Trap including C.I. grating bend and piece of C.I. pipe upto the outside face of the wall complete.	3.00	No.	1182.80	3548.40
37	Providing and fixing white glazed earthenware Wash Hand Basin of 55cm.x40cm.size including cold water pillar tap/cold and hot water pillar tap brackets, rubber plugs and brass chain, stop tap and necessary pipe connections including P.V.C.waste pipe and trap up to the out side face of the wall. Making good the damaged surface, testing etc. complete	12.00	No.	5876.15	70513.80
38	Providing and fixing Orissa type white glazed earthenware water closet pan of size 260mm x 440mm x 580mm with approved make Slim wall hung cistern with installation kit including S or P trap with cast iron soil and vent pipe upto outside face of the wall 1:2:4 brick bat lime concrete bedding without flushing tank and its accessories etc complete	6.00	No.	3542.30	21253.80

39	Providing and fixing European type Colour glazed earthenware water closet pan with UPVC seat and lid with chromium plated brass hinges and rubber buffers including UPVC and vent pipe up to the outside face of wall without flushing cistern with flush cock and with water Jet and necessary fittings including cutting and making good to the walls and floors testing etc. complete.(prior approval of sample and brand by Ex. Engineer is necessary before use)	1.00	No.	11281.10	11281.10
40	Providing and fixing white glazed earthenware lipped flat back/corner type Urinal with PVC Siliters flushing cistern with fittings, Inlet pipe with stop tap ,brackets for fixing thecistern, 32mm diameter P.V.C. flush pipe with fitting Including lead soil pipe,leadtrapand soil pipe connection up to the outside face of wall.	3.00	No.	5025.00	15075.00
41	Providing and fixing 15 mm dia. screw down bib/ stop tap of brass including necessary socket union nut complete.	3.00	No.	704.20	2112.60
42	Providing and fixing on walls/ceiling/floor 25 mm dia.CPVC pipe with necessary fittings,remaking good the demolished portion etc.complete.Including removing existing pipe line if necessary and conveying and stacking the same in PWD chowky or as directed etc. complete.				
	15mm	5.00	Rmt	279.15	1395.75
	25mm	10.00	Rmt	393.55	3935.50
	40mm	8.00	Rmt	616.05	4928.40
43	Providing and fixing H.D.P container Syntex or a like one piece moulded water tank made out of low density polythylar and built corrugation including of delivery upto destination hoisting and fixing of accessories such as inlet,outlet overflow of all tanks capacity above1000 to 20,000 litres	5000.00	Lit	11.55	57750.00
44	Providing and fixing 75 dia stabiliser pipe /P.V.C. soil vent / waste pipe and with necessary fixtures and	15.00	Rmt	637.05	9555.75
45	Providing and fixing 100 dia stabiliser pipe /P.V.C. soil vent / waste pipe and with necessary fixtures and	15.00	Rmt	827.00	12405.00
46	Providing, laying and fixing P.V.C.pipe of 50mm dia. with fittings such as bends,tees,reducers,clamps,etc. including necessary excavation,trench filling etc.complete.Including removing existing pipeline if necessary and conveying and stacking the same in PWD chowky or as directed etc. complete	5.00	Rmt	442.90	2214.50
47	Transportation of material obtained from debris ofvarious sorts including necessary excavation/loosing including loading, unloading and(b) For 2 Km.	77.22	cum	248.00	19150.56
48	Boring/drilling bore well of 300mm dia for casing/strainer pipe, by suitable method prescribed in IS:2800(part I),including collecting samples from different strata, preparing and submitting strata chart/borelog,including hire & running charges of all equipments, tools, plants & machinery required for the job,all complete as per direction of Engineer in charge, upto 90m depth below ground level.	85.00	Rmt	436.60	37111.00
				Total Rs.	2964102.67
49	Add Electrification 4%				118564.11
				Total Rs.	3082666.78
	Applicable Taxes (GST 18%)	18%			554880.02
		Amount			3637546.80
				Say Rs.	3637547

I am ready to execute the above work at the rate given below :-

(In words and in figures

above / below the estimate rate)

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