

DETAIL ESTIMATE FOR

**NAME OF WORK:-Construction of Sewanand School
Balance Building -iv at Mahadualla, Koradi.**

Estimated Cost Rs. 499.95 Lakhs

Summery Sheet		
NAME OF WORK:-Construction of Sewanand School Balance Building -iv at Mahadualla, Koradi.		
SR. No	Description of Work	Amount
A	Civil Cost	3,09,66,493.00
	Total A	3,09,66,493.00
1	Testing	55,835.00
2	Royalty	3,34,059.00
5	ELECTRICAL	55,02,954.40
6	Furniture	40,00,000.00
B	Total	4,08,59,341.40
C	Add 18% GST on (5)	73,54,681.00
D	CONTIGENCIES 2%	8,17,186.83
E	PMC 2%	8,17,187.00
F	Add 18% GST on PMC	1,47,094.00
G	Net Amount(B+C+D+E+F)	4,99,95,490.00
	TOTAL COST OF PROJECT	4,99,95,490.00
	Grand Total	4,99,95,490.00

ABSTRACT SHEET						
NAME OF WORK:-Construction of Sewanand School Balance Building -iv at Mahadualla, Koradi.						
SR. No.	SSR No	Description of Work	RATE	UNIT	QTY	Amount
1	21.01	Excavation for foundation in earth, soil of all types, sand, gravel and soft murum, including removing the excavated material up to a distance of 50 m. 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	246.55	CUM	694.69	1,71,276.00
2	21.04	Excavation for foundation in earth, soils of all types, sand, gravel and soft murum, including removing the excavated material upto a distance of 50 metres 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 from 1.5m to 3.0m) By Mechanical Means	266.15	CUM	463.13	1,23,262.00
3	21.08	Excavation for foundation in Hard murum including removing the excavated material upto a distance of 50 metres 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 from 1.5 to 3.0m.) By Mechanical Means	292.95	CUM	231.56	67,836.00
4	ssr19-20 C 1 statement	Transportation of material obtained from debris of various sorts including necessary excavation/loosing including loading,unloading and conveying and disposing as directed.for 5Km	252.20	CUM	694.69	1,75,201.00
5	21.36	Filling in plinth and floors with approved excavated material in 15cm. to 20cm. Layers including watering and compacting etc. complete.	123.80	CUM	694.69	86,002.00
6	21.37	Filling in plinth and floors with contractors material/brought from outside and approved by Engineer incharge in layers of 15 cm to 20 cm including watering and compaction etc. complete.	1282.50	CUM	561.36	7,19,944.00
7	21.4	Providing soling using 80 mm size trap metal in 15 cm. layer including filling voids with Crushed sand/grit, ramming, watering etc. complete.	2237.85	CUM	197.14	4,41,170.00

SR. No.	SSR No	Description of Work	RATE	UNIT	QTY	Amount
8	21.23	Providing preconstructional antitermite treatment as per I.S. 6313 (Part-II) treatment by treating the backfill in immediate contact with foundation at the rate of 5 litres of emulsion concentrate of 1.0 percent of clorophyrifos per One Square Metre of vertical surface area covering 10 years guarantee on bond paper.	115.55	SQM	372.00	42,985.00
9	24.01	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 centering, 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 aggregate (Crushed sand VSI Grade)	6925.60	CUM	83.44	5,77,872.00
10	25.13	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. columns and steel stanchions etc. including bailing out water, Steel centering, formwork ,cover blocks, laying/pumping, 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)	8365.25	CUM	190.24	15,91,405.00

SR. No.	SSR No	Description of Work	RATE	UNIT	QTY	Amount
11	25.33	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 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)	15256.30	CUM	35.98	5,48,922.00
		First Floor	15395.95	CUM	21.61	3,32,706.00
		Terrace Floor	15535.65	CUM	4.01	62,298.00
12	25.52	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, formwork, cover blocks, laying/pumping, compactionand roughening the surface 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)	13693.45	CUM	94.75	12,97,454.00
		First Floor	13817.95	CUM	51.11	7,06,167.00
		Terrace Floor	13942.50	CUM	2.98	41,549.00

SR. No.	SSR No	Description of Work	RATE	UNIT	QTY	Amount
13	24.06	Providing and laying Cast in situ/Ready Mixcement concrete in M20 of trap/ granite/quartzite/gneiss metal for steps including steel centering, formwork, laying/pumping, 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 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)	8970.30	CUM	39.40	3,53,430.00
14	25.72	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, 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)	15410.00	CUM	46.00	7,08,860.00
		Terrace Floor	15692.30	CUM	8.25	1,29,461.00
15	26.07	Providing and laying Cast in situ/Ready Mixcement 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 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)	15410.00	CUM	1.44	22,190.00
		First Floor	15551.15	CUM	1.44	22,394.00
		Terrace Floor	15692.30	CUM	0.25	3,923.00

SR. No.	SSR No	Description of Work	RATE	UNIT	QTY	Amount
16	26.11	Providing and laying Cast in situ/Ready Mix cement concrete M-25 of trap / granite / quartzite / gneiss metal for R.C.C. canopy as per detailed designs and drawings including steel centering, formwork, laying/pumping, compacting and roughening the surface if special finish is to be provided and curing etc. complete (excluding reinforcement). 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)	15410.00	M.T	4.93	75,971.00
17	26.26	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, plywood/ steel 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 einforcement, 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)	13478.85	CUM	2.80	37,741.00
		First Floor	13601.30	CUM	2.75	37,404.00
18	26.33	Providing and fixing in position TMT - FE - 500 bar reinforcement of various diameters for R.C.C. pile caps, footings, foundations, slabs, beams columns, canopies, staircase, newels, chajjas, lintels pardis, copings, fins, arches etc. as per detailed designs, drawings and schedules. including cutting, bending, hooking the bars, binding with wires or tack welding and supporting as required complete.	74166.05	MT	43.51	32,26,965.00
		First Floor	74883.70	MT	11.35	8,49,930.00
		Terrace Floor	75601.30	MT	1.90	1,43,642.00
19	27.12	Providing fly ash brick masonry with conventional / I.S. type fly ash bricks in C.M. 1:6 in foundation and plinth including bailing out water manually striking joints, racking out joints watering and scaffolding etc. complete.	6167.15	CUM	31.88	1,96,600.00

SR. No.	SSR No	Description of Work	RATE	UNIT	QTY	Amount
20	27.13	Providing fly ash brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in superstructure including striking joints, raking out joints, watering and scaffolding etc. Complete	6350.35	CUM	124.63	7,91,444.00
		First Floor	6407.20	CUM	117.13	7,50,455.00
		Terrace Floor	6464.05	CUM	42.23	2,72,964.00
21	32.02	Providing internal cement plaster 6 mm thick in a single coat in cement mortar 1:3 without neeru finish to concrete surface in all positions including scaffolding and curing etc. complete.	188.80	SQM	1254.80	2,36,906.00
		First Floor	190.25	SQM	1404.80	2,67,263.00
22	32.03	Providing internal cement plaster 12mm thick in single coat in cement mortar 1:5 without neeru finish to concrete or brick surfaces, in all positions including scaffolding and curing etc. complete.	203.95	SQM	360.00	73,422.00
		First Floor	205.85	SQM	360.00	74,106.00
		Terrace Floor	207.75	SQM	111.60	23,185.00
23	32.11	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.	677.00	SQM	160.00	1,08,320.00
		First Floor	683.40	SQM	160.00	1,09,344.00
		Terrace Floor	689.80	SQM	60.00	41,388.00
24	32.26	Providing and fixing chicken mesh of 22 gauge, with about 30 cm. width at the junction of R.C.C members and brick work, of approved quality including fixing mesh in position by necessary drilling in concrete /B.B.masonry and or tying by binding wire etc. complete.	41.15	SQM	100.00	4,115.00
		First Floor	41.55	SQM	100.00	4,155.00
		Terrace Floor	41.95	SQM	100.00	4,195.00
25	32.34	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.	83.55	SQM	1614.80	1,34,917.00
		First Floor	84.35	SQM	1764.80	1,48,861.00
		Terrace Floor	85.20	SQM	471.60	40,180.00

SR. No.	SSR No	Description of Work	RATE	UNIT	QTY	Amount
26	36.12	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.	74.30	SQM	1614.80	1,19,980.00
		First Floor	75.00	SQM	1764.80	1,32,360.00
		Terrace Floor	75.70	SQM	471.60	35,700.00
27	35.13	Providing and applying two coats of water proof cement paint of approved manufacture and of approved colour to the plastered surfaces including scaffolding if necessary, cleaning and preparing the surface, watering for two days etc. complete.	81.50	SQM	160.00	13,040.00
		First Floor	82.30	SQM	160.00	13,168.00
		Terrace Floor	83.10	SQM	60.00	4,986.00
28	39.57	Providing and fixing M40 grade thick vibrated pull cast or similar type concrete frame with chamfer conforming to I.S. 65241983 having 6 mm dia bars 3 Nos. And strips @250 mm c/c and fixing in wall with 6 Nos. of hold fast of 12 mm dia bars 500 mm long including primer and oil painting etc, complete) frame size 60 mm x 125 mm	826.10	SQM	10.08	8,327.00
		First Floor	834.10	SQM	10.08	8,408.00
29	39.09	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	3176.30	SQM	10.08	32,017.00
		First Floor	3207.10	SQM	10.08	32,328.00
30	40.01	Providing and fixing mild steel grill work for windows, ventilators etc. 20 Kilogram/ One Square Metre as per drawing including fixtures, necessary welding and painting with one coats of anticorrosive paint and two coats of oil painting complete.	1514.30	SQM	9.72	14,719.00
		First Floor	1528.95	SQM	9.72	14,861.00

SR. No.	SSR No	Description of Work	RATE	UNIT	QTY	Amount
31	39.39	Providing and fixing in position. (as per I.S.1868 / 1982) Aluminium sliding window of two tracks with rectangular pipe having overall dimension 63.50 x 38.10 x 1.02 mm at weight 0.547 Kilogram/One Running Metre. and window frame bottom track section 61.85 x 31.75 x 1.20 mm at weight 0.695 Kilogram/One Running Metre. Top and side track section 61.85 x 31.75 x 1.30 mm at weight 0.659 Kilogram/One Running Metre. The shutter should be of bearing bottom 40 x 18 x 1.25 mm at weight 0.417 Kilogram/One Running Metre. Inter locking section 40 x 18 x 1.10 mm at weight 0.469 Kilogram/One Running Metre. And handle section 40 x 18 x 1.25 mm at weight 0.417 Kilogram/One Running Metre. and top section 40 x 18 x 1.25 mm at weight 0.417 Kilogram/Running metre. As per detailed drawings and as directed by Engineer in charge with all necessary Aluminium sections 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 with all required screws and nuts etc, complete. With powder coating with box	3815.70	SQM	9.72	37,089.00
		First Floor	3852.65	SQM	9.72	37,448.00
32	39.26	Providing and fixing collapsible steel gate in one / two leaves with hot rolled vertical channels of 18 x 9 x 3 mm minimum size, crossings of M.S. flats of size 18 x 5 mm T or E section for runner of minimum 40 x 6 mm size for flange, M.S. flat for top runner of minimum size 40 x 12 mm with roller wheels confirming to grade F.G. 150 fitted with snap headed rivets of minimum size 6 mm max. spacing of vertical channels be 100 mm enclosed gate position and clear space of 150 mm between two sets of crossings with hold fasts, stoppers, spaces, handles, locking arrangement and one coat of red lead primer and oil painting etc. complete. (I.S. 105211983).	2896.40	SQM	14.40	41,708.00
		First Floor	2924.50	SQM	14.40	42,113.00
		Terrace Floor	2952.55	SQM	14.40	42,517.00
33	33.35	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.	3037.35	SQM	39.75	1,20,735.00

SR. No.	SSR No	Description of Work	RATE	UNIT	QTY	Amount
		First Floor	3066.55	SQM	24.68	75,682.00
34	33.06	Providing and laying machine cut machine Polished Kota stone flooring 25mm to 30mm thick and required width in plain/ diamond pattern on bed of 1:6 C. M. including cement float, filling joints with neat cement slurry, curing, polishing and cleaning etc. complete.	1311.60	SQM	328.00	4,30,205.00
		First Floor	1324.10	SQM	328.00	4,34,305.00
35	33.81	Providing and fixing in required position skirting or dado of polished Kotah Stone slab 25 mm to 30 mm thick fixed on base on plaster of cement mortar 1:4 including cement float, filling joints with cement slurry, curing rubbing, polishing and cleaning complete.	995.10	SQM	16.05	15,971.00
		First Floor	1004.50	SQM	15.40	15,469.00

SR. No.	SSR No	Description of Work	RATE	UNIT	QTY	Amount
36	42.87	Providing and fixing P.V.C. Rain water pipes of 110mm outer diameter and having wall thickness of 2.2 to 2.7 mm confirming to I.S. 13592-1992 including proper rainwater receiving recess with P.V.C. plug, bend, necessary fittings, such as, offsets, shoes, including fixing the pipe on wall using approved wooden cleats projecting 25mm to 40mm from face of wall a fixing with clips of approved quality and One Number ,filing the joint using rubber gasket with solvent cement and properly resting the shoe of pipes on C.C. or masonry blocks, including necessary scaffolding and maintenance for 3 yrs for any leakages or dislocations of pipes. All the P.V.C. fittings and additional 2 piece socket clips shall be got approved from engineer in charge	410.90	RMT	16.00	6,574.00
		First Floor	414.85	RMT	16.00	6,638.00
37	NON SSR	Providing and fixing GI sandwich ROOF PUF Panel Roof Sheet. The top prepainted GI sheet 0.5mm Thick (Density 40KG/M3) and bottom GI .5mm thick (Density 40kg/m3) with poly Urethane Foam (PUF) with high insulation properly and density is 40kg/m3 onbetween the shed the effective of PUF insulated sandwich panel is 80 mm and thickness including crest 65mm, pitch 250mm and crest thrust 100mm as per the Drawing. Fixing the sheet with self tapping drilling screw of (dia. 5.5mm) over purlin the overlap of sheet as per the drawing with ipper extendd ridge is Rockwool insulation and intenal Ridge , Roof Trapezoidal end cap , Roof side according to the angle of truss withside and closer PUF panel etc completed.(AS PER Quotation) NCSR	1892.90	SQM	396.00	7,49,588.00
38	NON SSR	Providing and fixing tera felt APP(Atactic Poly-prolene) Gobain make underly membrane of apporoximate 2mm thick below single fixed by sufficient rust free nails on existing concrete plaa in slopping roof including all materilals,transportation , labour and scaffolding etc. complte as per nstruction of engineer incharge/ Architect etc. complete (excluding GST) (Reference as per. SE PWD Nagpur, Outward No. 7599, DT. 19/08/2024) NCSR	331.25	SQM	396.00	1,31,175.00

SR. No.	SSR No	Description of Work	RATE	UNIT	QTY	Amount
39	NON SSR	Providing and fixing the roofing Shingles of Saint Gobain make composites of reinforced fibre glass and minerals stabilized , high grade asphalst. They are overlaid with high strenght ceramic coated granules., below which is mineral stabilizer cum fibre retardant coating. The entire composition comes in the form ot mats. A sheet of singles has thickness of 8mm to 9mm and size as per the requirement. The profile pattern & colour shall be as per approval drawing and it should be got_ approved before _ fixing from the_ Engineer_ in charge/Architect. The roofing should be 100% water proof and resistance of all impact forces wind & fire also unbreakable. These are maintance free contractor has to exercise given minimum 25 year warranty band on the Rs. 500 1 have been done by the contractor. The shingles Stamp paper if any damage free repair should should be laid on R.C.C plain slabs/ slopping. The roof subtract that it can be include steep slopes fixing of singles including starter of size 4' x 4" and fixed by sufficien rust free nails if required silicon shall be used on the existing concrete roof including transportation seaffolding, ifting all material etc. as directed by Engineer in charge/_ Architect etc. complete.(Reference as per. SE PWD Nagpur, Outward No. 7599, DT. 19/08/2024) NCSR	1356.55	SQM	396.00	5,37,194.00
40	NON SSR	Providing and Fixing of in 0.9mm thick Aluminium Flashing , maximum width 500 mm. Colour to match to roofing material. NCSR	636.75	RMT	35.00	22,286.00
41		Providing & fixing Ridge accessories colour match with the Roofing Shingles of Saint-Gobain make composites of reinforced fiber glass and minerals stabilized, high grade asphalt. They are overlaid with high strength ceramic coated granules, below which is mineral stabilizer cum fibre retardant coating. The entire composition comes in the form of mats. A sheet of singles has thickness of 8mm to 9mm and size as per the requirement. The profile pattern & colour shall be as per approval drawing and it should be got approved before fixing from the Engineer in charge/Architect. The roofing should be 100% water proof and resistance of all impact forces wind & fire also unbreakable. These are maintance free contractor has xercise given minimum 25 year warranty band on the Rs. 500 Stamp paper if any damage free repair should have been donc by the contractor. The shingles should be laid on R.C.C plain slabs/ slopping. The roof subtract that it can be include steep slopes fixing of singles and fixed by sufficient rust free nails if required silicon shall be used on the existing concrete roof including transportationscaffolding, ifting all material etc. as directed by Engineer in charge/_ Architect etc. complete. (Reference as per. SE PWD Nagpur, Outward No. 7599, DT. 19/08/2024) NCSR	1892.90	RMT	35.00	66,252.00

SR. No.	SSR No	Description of Work	RATE	UNIT	QTY	Amount
42	23.01	Providing and Fabricating Structural Steel Work in rolled sections like joists, channels, angles, tees etc. as per detailed design and drawings or as directed, including cutting, fabricating, hoisting, erecting, fixing in position, making riveted / bolted / welded connections without connecting plates, braces etc. and including one coat of anticorrosive paint and over it two coats of oil painting of approved quality and shade etc. complete. SSR 2022-23 Item No. 23.01 Sr. No. 816, Page No. 173, BdC 2 Page No.275.	84049.80	MT	0.50	42,025.00
43	23.12	Providing Structural steel work in Hollow Sections of various thickness and sizes in Square, Rectangular and Round shape from 25mm to 450mm section as per IS-4923 YST 310 Grade produced from iron ore and blast furnace route etc. as per detailed design and drawing or as directed including cutting, fabricating, hoisting, erecting, fixing in position, Making rivetted / bolted / welded connections and painting coomplete. SSR 2022-23 Item No. 23.12 Sr. No. 826, Page No. 174 As directed by Engineer-In-Charge.	98035.00	MT	120.38	1,18,01,845.00
				Total Amount		3,09,66,493.00

MEASUREMENT SHEET									
NAME OF WORK: Construction of Sewerage School Balance Building -iv at Mahabulnalla, Karali.									
Sl. No.	SR No.	Description of Work	Measurement				Total	Unit	
			No.	L	B	D			
1	21.01	Excavation for foundation in earth, soil of all types, sand, gravel and soft murum, including removing the excavated material up to a distance of 50 m. 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							
		For Ground Floor							
		F2	3	5	4.500	4.500	1.500	455.63	
		F4	1	5	4.000	4.250	1.500	127.50	
		F3	1	3	3.700	3.700	1.500	61.61	
		F5	1	1	4.400	4.250	1.500	75.30	
		F7	1	1	3.800	3.800	1.500	21.66	
		TOTAL S.F. QTY						694.69	Cum
2	21.04	Excavation for foundation in earth, soil of all types, sand, gravel and soft murum, including removing the excavated material upto a distance of 50 metres 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 from 1.5m to 3.0m) By Mechanical Means							
		For Ground Floor							
		F2	3	5	4.500	4.500	1.000	369.75	
		F4	1	5	4.000	4.250	1.000	85.00	
		F3	1	3	3.700	3.700	1.000	41.07	
		F5	1	1	4.400	4.250	1.000	15.87	
		F7	1	1	3.800	3.800	1.000	14.44	
		TOTAL S.F. QTY						463.13	Cum
3	21.08	Excavation for foundation in Hard murum including removing the excavated material upto a distance of 50 metres 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 from 1.5 to 3.0m) By Mechanical Means							
		Excavation for foundation in							
		For Ground Floor							
		F2	3	5	4.500	4.500	0.500	111.88	
		F4	1	5	4.000	4.250	0.500	41.00	
		F3	1	3	3.700	3.700	0.500	20.54	
		F5	1	1	4.400	4.250	0.500	9.43	
		F7	1	1	3.800	3.800	0.500	7.22	
		TOTAL S.F. QTY						231.16	CUM
4	21.29	Transportation of material obtained from debris of various sorts including necessary excavation/shoring including loading/unloading and conveying as directed for 5km							
		C1	1					694.69	Cum
5	21.36	Filling in plinth and floors with approved excavated material in 15cm. to 20cm. layers including watering and compacting etc. complete							
		Total Excavated Qty	1	1	1389.38			694.69	Cum
		Total Approved Qty 150	1	1	694.69			694.69	Cum
6	21.37	Filling in plinth and floors with contractors' material brought from outside and approved by Engineer in layers of 15 cm to 20 cm including watering and compaction etc. complete							
		Total Excavated Qty	1	1	1389.38			1389.38	
		Constructed qty	1	1	310.00			310.00	
		Total Approved Qty 150	1	1	694.69			694.69	
		Plinth filling	1	1	28.50	11.60	0.45	148.77	
		PASSEGE	1	1	10.00	6.20	0.45	22.90	
		TOTAL S.F. QTY						563.36	Cum
7	21.40	Providing sating using 80 mm size trap metal in 15 cm. layer including filling voids with Crushed sand/grit, ramming, watering etc. complete.							
		For Basement Area							
		F2	3	5	4.500	4.500	0.230	69.86	
		F4	1	5	4.000	4.250	0.230	10.15	
		F3	1	3	3.700	3.700	0.230	9.45	
		F5	1	1	4.400	4.250	0.230	4.34	
		F7	1	1	3.800	3.800	0.230	5.32	
		FOR PLINTH	1	4	7.000	8.500	0.230	54.74	
		PASSEGE	1	1	30.000	3.000	0.230	20.70	
		BELOW STAIRCASE AREA	1	1	12.000	5.500	0.230	15.18	
		TOTAL S.F. QTY						187.14	Cum
8	21.23	Providing anticonstructional antitermite treatment as per I.S. 6213 (Part-II) treatment by treating the bacilli in immediate contact with foundation at the rate of 5 litres of emulsion concentrate of 1.0 percent of chlorophylls per One Square Metre of vertical surface area covering 10 years guarantee on bond paper.							
		Bas Area	1	1	90	10		300.00	
		Staircase Area	1	1	12.000	6.000		72.00	
		TOTAL S.F. QTY						372.00	Sqm

No	SR No	Description of Work	Measurement				Total	Unit
			No.	L	B	D		
9	24.01	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 centering, 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 aggregate (Crushed sand VSI Grade)						
		For Basement Area						
		F2	3	5	3.200	3.200	0.100	6.85
		F4	1	5	3.200	3.400	0.300	1.52
		F3	1	3	2.800	2.800	0.100	2.52
		F5	1	1	3.600	3.400	0.100	1.26
		F7	1	1	3.000	3.000	0.100	0.90
		FOR PLINTH	1	4	7.000	8.500	0.100	23.80
		FOR PASSAGE AREA	1	4	30.000	3.000	0.100	36.00
		BELOW STAIRCASE AREA	1	1	12.000	5.500	0.100	6.60
		TOTAL S.F. QTY					83.44	Cum
		For Basement Area						
		F2	3	5.00	3.700	3.700	0.650	113.48
		F4	1	5.00	3.200	3.400	0.650	35.88
		F3	1	5.00	2.800	2.800	0.550	12.63
		F5	1	1.00	3.600	3.400	0.300	3.77
		F7	1	1.00	3.000	3.000	0.300	4.50
		TOTAL S.F. QTY					190.24	Cum
11	25.33	Providing and laying Cast in situ/Ready Mix cement concrete in 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 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)						
		For Ground Floor (sloot slabs)						
		C2	3	5.00	0.750	0.300	2.02	6.82
		C4	1	5.00	0.750	0.300	2.02	2.27
		C3	1	3.00	0.450	0.230	2.17	0.67
		C5	1	4.00	0.450	0.230	2.17	0.98
		C7	1	1.00	0.770	0.230	2.17	0.38
		For slabs to stair slab						
		C2	3	5.00	0.750	0.300	0.60	2.03
		C4	1	5.00	0.750	0.300	0.60	0.68
		C3	1	3.00	0.450	0.230	0.60	0.19
		C5	1	4.00	0.450	0.230	0.60	0.25
		C7	1	1.00	0.770	0.230	0.60	0.11
		Plinth flooring to GF slab						
		C2	3	5.00	0.750	0.300	4.00	13.50
12	25.52	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 slabs 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 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)						
		Plinth Beam (S/L)						
		P81	4	4	6.930	0.300	0.750	24.95
		P82	2	5	3.060	0.300	0.750	6.84
		P83	1	5	3.285	0.300	0.750	1.45
		P84	1	6	2.000	0.230	0.450	1.24
		P85	1	2	3.060	0.230	0.450	0.63
		P86	1	1	2.000	0.230	0.450	0.31
		P87	1	1	3.355	0.230	0.450	0.35
		P87	1	1	5.075	0.300	0.450	0.69
		P86	1	2	3.390	0.230	0.450	0.70
		P87	1	2	1.570	0.230	0.450	0.32
		P88	1	1	5.075	0.230	0.450	0.53
		Ground Floor Roof Beam						
		B1	3	4	6.930	0.300	0.750	18.71
13	24.06	Providing and laying Cast in situ/Ready Mix cement concrete in M-20 of trap/ granite/quartzite/gneiss metal for slabs including steel centering, formwork, laying/pumping, 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 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)						
		FOR CLASS ROOM	1	4	7.000	8.500	0.100	23.80
		FOR PASSAGE AREA	1	1	30.000	3.000	0.100	5.00
		BELOW STAIRCASE AREA	1	1	12.000	5.500	0.100	6.60
		TOTAL F.F. QTY					35.40	CUM
14	25.72	Providing and laying Cast in situ/Ready Mix cement concrete in 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, 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)						
		G.F. ROOF SLAB						
		S1	1	1	30.000	12.000	0.125	45.00
		LANDING	2	1	2.950	1.350	0.125	1.00
		MID-LANDINGS	2	1	2.950	1.350	0.125	1.00
		TOTAL G.F. QTY					46.00	CUM
		TOWER SLAB						
		S2	1	1	10.000	5.500	0.150	8.25
		TOTAL F.F. QTY					8.25	CUM
15	26.07	Providing and laying Cast in situ/Ready Mix cement concrete in 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, compaction 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)						
		GROUND FLOOR	2	4	4.00	0.45	0.10	1.44
		FIRST FLOOR	2	4	4.00	0.45	0.10	1.44
		TOWER FLOOR	1	5.500	0.450	0.100	0.25	0.25
		TOTAL F.F. QTY					6.248	CUM

Sl. No.	SR No	Description of Work	Measurement				Total	Unit			
			No.	L	B	D					
31	39.39	Providing and fixing in position. (as per I.S.1868 / 1982) Aluminium sliding window of two tracks with rectangular pipe having overall dimension 63.50 x 38.10 x 1.02 mm at weight 0.147 Kilogram/One Running Metre and window Frame bottom track section 63.85 x 31.75 x 1.20 mm at weight 0.685 Kilogram/One Running Metre. Top and side track section 63.85 x 31.75 x 1.30 mm at weight 0.659 Kilogram/One Running Metre. The shutter should be of bearing bottom 40 x 18 x 1.25 mm at weight 0.417 Kilogram/One Running Metre. Inter locking section 40 x 18 x 1.0 mm at weight 0.465 Kilogram/One Running Metre. And handle section 40 x 18 x 1.25 mm at weight 0.417 Kilogram/One Running Metre. And top section 40 x 18 x 1.25 mm at weight 0.417 Kilogram/Running metre. As per detailed drawings and as directed by Engineer in charge with all necessary Aluminium sections, fixings 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 with all required screws and nuts etc. complete. With powder coating with box.									
		Ground Floor									
		W	4	1.800	1.350		9.720				
		Ground Floor Qty.					9.720	Sqm.			
		First Floor									
		W	4	1.800	1.350		9.720				
		First Floor Qty.					9.720	Sqm.			
32	39.26	Providing and fixing collapsible steel gate in one / two leaves with hot rolled vertical channels of 18 x 9 x 3 mm minimum size, crossings of M.S. flats of size 18 x 5 mm T or E section for runner of minimum 40 x 6 mm size for flange, M.S. flat for top runner of minimum size 40 x 12 mm with roller wheels conforming to grade I.G. 150 fitted with strap headed rivets of minimum size 6 mm max spacing of vertical channels be 100 mm enclosed gate position and clear space of 150 mm between two sets of crossings with hold fasts, stoppers, spacers, handles, locking arrangement and one coat of red lead primer and oil painting etc. complete (I.S. 1052:11983).									
		GE.R.F. TERRACE	1	3	4		9.6	43.200			
							43.200	SQM			
33	33.33	Providing and fixing machine cut machine polished 18 mm to 20 mm thick telephone black / Amba White / Cat bary brown / BB red / Ocean Brown granite stone for treads and risers of steps and staircases of approved colour and shades with full moulding and three grooved line for the treads on bed of 1:4 Cement mortar including floor fitting joints with neat cement slurry curing polishing and cleaning etc. complete.									
		Basement Floor									
		Steps Of staircase (Tread)	2	22	1.500	0.300	19.800				
		Risers	2	23	1.500	0.150	10.350				
		LANDING	1	2	4.000	1.300	9.600				
							39.750	Sqm			
		First Floor									
		Steps Of staircase (Tread)	2	22	1.500	0.300	19.800				
		Risers	2	23	1.500	0.150	10.350				
		LANDING	1	2	4.000	1.300	9.600				
							24.675	Sqm			
34	33.06	Providing and laying machine cut machine finished Kota stone flooring 25mm to 30mm thick and required width in plain/ diamond pattern on bed of 1:6 C. M. including cement floor, filling joints with neat cement slurry, curing, polishing and cleaning etc. complete.									
		Ground Floor									
		3M WIDE PASSAGE	1	1	30.000	1.000	90.000				
		CLASS ROOM	1	4	8.000	7.000	238.000				
							328.000	Sqm			
		First Floor									
		3M WIDE PASSAGE	1	1	30.000	1.000	90.000				
		CLASS ROOM	1	4	8.000	7.000	238.000				
							328.000	Sqm			
35	33.81	Providing and fixing in required position skirting or dado of polished Kotaah Stone slab 25 mm to 30 mm thick fixed on base on plaster of cement mortar 1:4 including cement floor, filling joints with cement slurry, curing rubbing, polishing and cleaning complete.									
		Ground Floor									
		2	4	8.500	0.100	6.800					
		2	4	7.000	0.100	5.600					
		Passage	1	1	36.000	0.100	3.600				
							16.000	Sqm			
		First Floor									
		2	4	8.500	0.100	6.800					
		2	4	7.000	0.100	5.600					
		Passage	1	1	30.000	0.100	3.000				
							15.400	Sqm			
36	42.87	Providing and fixing P.V.C. Rain water pipes of 110mm outer diameter and having wall thickness of 2.2 to 2.7 mm conforming to I.S. 13592-1992 including proper rainwater receiving recess with P.V.C. plug, band, necessary fittings, such as, offsets, shoes, including fixing the pipe on wall using approved wooden cleats projecting 25mm to 40mm from face of wall & fixing with clips of approved quality and One Number fitting the joint using rubber gasket with solvent cement and properly resting the shoe of pipes on C.C. or masonry blocks, including necessary scaffolding and maintenance for 1 yr for any leakage or disconnection of pipes. All the P.V.C. fittings and additional 2 pieces socket clips shall be got approved from engineer in charge etc. complete.									
		Ground Floor	1	4		4.000	16.000				
							16.000	RMT			
		First Floor	1	4		4.000	16.000				
							16.000	RMT			
37	NON SSR	Providing and fixing GI sandwich RDOF PU/F Panel Roof Sheet. The top prepared GI sheet 0.5mm Thick (Density 40KG/M3) and bottom GI 5mm thick (Density 40kg/m3) with poly Urethane foam (PUF) with high insulation property and density is 40kg/m3 on between the sheet the effective of PUF insulated sandwich panel is 80 mm and thickness including crest 65mm, pitch 250mm and crest throat 100mm as per the Drawing. Fixing the sheet with tapping drilling screw of (dia. 5.5mm) over purfin the overlap of sheet as per the drawing with taper extended ridge is Rockwool insulation and internal Ridge / Roof Trapezoidal end cap. Roof side according to the angle of truss withside and closer PUF panel etc.									
		SECOND FLOOR					396.00	ISQM			
38	NON SSR	Providing and fixing two feet APPI (Atactic Poly-ethylene) Gobain make underly membrane of approximately 2mm thick below single fixed by sufficient rust free nails on existing concrete plain slopping roof including all material, transportation, labour and scaffolding etc. complete as per instruction of engineer incharge/ Architect etc.					396.00	ISQM			
39	NON SSR	Providing and fixing the roofing Shingles of Saint Gobain make composite of reinforced fibre glass and mineral stabilized high grade asphalt. They are overlaid with high strength ceramic coated granules, below which is mineral stabilizer cum fibre retardant coating. The entire composition comes in the form of mats. A sheet of shingles has thickness of 8mm to 9mm and size as per the requirement. The profile pattern & colour shall be as per approval drawing and it should be got approved before fixing from the Engineer in charge/Architect. The roofing should be 100% water proof and resistance of all impact forces wind & fire also unbreakable. There are maintenance free contractor has to exercise given minimum 25 year warranty band on the Rs. 500 I have been done by the contractor. The shingles Stamp paper if any damage free repair should be laid on R.C. plain slab/ slopping. The roof substrate that it can include steep slopes fixing of shingles including starter of size 4" x 4" and fixed by sufficient rust free nails if required silicon shall be used on the existing concrete roof including transportation scaffolding, fixing all material etc. as directed by Engineer in charge/ Architect etc. complete as per instruction of engineer incharge/ Architect etc.					396.00	ISQM			
40	NON SSR	Providing and Fixing of in 0.9mm thick Aluminium Flashing / maximum width 500 mm. Colour to match to roofing material. NONSR.					35.00	RMT			
41	NON SSR	Providing & fixing Ridge accessories colour match with the Roofing Shingles of Saint Gobain make composite of reinforced fibre glass and minerals stabilized, high grade asphalt. They are overlaid with high strength ceramic coated granules, below which is mineral stabilizer cum fibre retardant coating. The entire composition comes in the form of mats. A sheet of shingles has thickness of 8mm to 9mm and size as per the requirement. The profile pattern & colour shall be as per approval drawing and it should be got approved before fixing from the Engineer in charge/Architect. The roofing should be 100% water proof and resistance of all impact forces wind & fire also unbreakable. There are maintenance free contractor has exercise given minimum 25 year warranty band on the Rs. 500 Stamp paper if any damage free repair should have been done by the contractor. The shingles should be laid on R.C. plain slab/ slopping. The roof substrate that it can include steep slopes fixing of shingles and fixed by sufficient rust free nails if required silicon shall be used on the existing concrete roof including transportation scaffolding, fixing all material etc. as directed by Engineer in charge/ Architect etc. complete as per instruction of engineer incharge/ Architect etc.					15.00	RMT			
42	23.01	Providing and Fabricating Structural Steel Work in rolled sections like joints, channels, angles, tees etc. as per detailed design and drawings or as directed, including cutting, fabricating, hoisting, erecting, fixing in position, welding, riveting / bolting / welded connections without connecting plates, braces etc. and including one coat of anticorrosive paint and over 10.5. 1MT						10.5	MT		
43	23.12	Providing Structural steel work in Hollow Sections of various thickness and sizes in Square, Rectangular and Round shape from 25mm to 405mm section as per IS-4023 / IS 110 Grade produced from iron ore and blast furnace route etc. as per detailed design and drawing or as directed including cutting, fabricating, hoisting, erecting, fixing in position, Making					199.00	348.00	160.00	120.30	MT

Sr. No.	Items No	Description of Item	D.S.R. Rate 2022-2023	Deduct 21%	Net Rate	Add5% Municipal Council	RATE ANALYSIS								Total of Colm. No. I,K, M and O	Add 21%	Net Rate G.F	Net Rate F. F	Net Rate S. F	Unit
							Bricks @ Rs.		Sand @ Rs.		Cement @ Rs.		Flooring Tiles							
							0.671	Cum.	488.73	Cum.	6.77	Per bag	13.55	Sqm.						
							Metal = > 40		Murrum @ RS		Steel @ Rs.		pipe							
							664.58	Cum.	664.58	Cum.	135.97	MT.	0.00	Sqm.						
							Boulders		crush sand @Rs		BT	DIFF BT	Metal < 40mm							
		502.27	Cum.	0.00	Cum.	8387.00	0.00	693.47	Sqm.											
	1	21.01	Excavation for foundation in earth, soil of all types, sand, gravel and soft murum, including removing the excavated material up to a distance of 50 m. 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	239.00	50.19	188.81	7.55	196.36							0.00	50.19	246.55	248.95	251.35	One Cubic Metre
	2	21.04	Excavation for foundation in earth, soils of all types, sand,gravel and soft murum, including removing the excavated material upto a distance of 50 metres 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 from 1.5m to 3.0m) By Mechanical Means	258.00	54.18	203.82	8.15	211.97							0.00	54.18	266.15	268.75	271.30	One Cubic Metre
	3	21.08	Excavation for foundation in Hard murum including removing the excavated material upto a distance of 50 metres 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 from 1.5 to 3.0m.) By Mechanical Means	284.00	59.64	224.36	8.97	233.33							0.00	59.64	292.95	295.80	298.65	One Cubic Metre
	4	ssr19-20 C 1 statement	Transportation of material obtained from debris of various sorts including necessary excavation/loosing including loading,unloading and conveying and disposing as directed.for 5Km	252.26	52.97	199.29	7.97	207.26							0.00	52.97	252.20	254.70	257.25	one cubic Metre

Sr. No.	Items No	Description of Item	D.S.R. Rate 2022-2023	Deduct 21%	Net Rate	Add5% Municipal Council	Bricks @ Rs.		Sand @ Rs.		Cement @ Rs.		Flooring Tiles		Total of Colm. No. I,K, M and O	Add 21%	Net Rate G.F	Net Rate F. F	Net Rate S. F	Unit	
							0.671	Cum.	488.73	Cum.	6.77	Per bag	13.55	Sqm.							
							Metal = > 40		Murrum @ RS		Steel @ Rs.		pipe								
							664.58	Cum.	664.58	Cum.	135.97	MT.	0.00	Sqm.							
							Boulders		crush sand @Rs		BT	DIFF BT	Metal < 40mm								
		502.27	Cum.	0.00	Cum.	8387.00	0.00	693.47	Sqm.												
5	21.36	Filling in plinth and floors with approved excavated material in 15cm. to 20cm. Layers including watering and compacting etc. complete.	120.00	25.20	94.80	3.79	98.59								0.00	25.20	123.80	125.00	126.20	One Cubic Metre	
6	21.37	Filling in plinth and floors with contractors material/brought from outside and approved by Engineer incharge in layers of 15 cm to 20 cm including watering and compaction etc. complete.	599.00	125.79	473.21	18.93	492.14			1.000	664.58				664.58	125.79	1282.50	1288.50	1294.50	One Cubic Metre	
7	21.40	Providing soling using 80 mm size trap metal in 15 cm. layer including filling voids with Crushed sand/grit, ramming, watering etc. complete.	1454.00	305.34	1148.66	45.95	1194.61	1.00	664.58	0.150	73.31				737.89	305.34	2237.85	2252.40	2266.95	One Cubic Metre	
8	21.23	Providing preconstructional antitermite treatment as per I.S. 6313 (Part-II) treatment by treating the backfill in immediate contact with foundation at the rate of 5 litres of emulsion concentrate of 1.0 percent of clorophyrifos per One Square Metre of vertical surface area covering 10 years guarantee on bond paper.	112.00	23.52	88.48	3.54	92.02								0.00	23.52	115.55	116.65	117.80	One Square Metre	
9	24.01	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 centering, 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 aggregate (Crushed sand VSI Grade)	5830.00	1224.30	4605.70	184.23	4789.93			0.47	229.70	4.40	29.80	0.94	651.86	911.37	1224.30	6925.60	6983.90	6748.65	One Cubic Metre

Sr. No.	Items No	Description of Item	D.S.R. Rate 2022-2023	Deduct 21%	Net Rate	Add5% Municipal Council	Bricks @ Rs.		Sand @ Rs.		Cement @ Rs.		Flooring Tiles		Total of Colm. No. I,K, M and O	Add 21%	Net Rate G.F	Net Rate F. F	Net Rate S. F	Unit
							0.671	Cum.	488.73	Cum.	6.77	Per bag	13.55	Sqm.						
							Metal = > 40		Murrum @ RS		Steel @ Rs.		pipe							
							664.58	Cum.	664.58	Cum.	135.97	MT.	0.00	Sqm.						
							Boulders		crush sand @Rs		BT	DIFF BT	Metal < 40mm							
		502.27	Cum.	0.00	Cum.	8387.00	0.00	693.47	Sqm.											
10	25.13	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. columns and steel stanchions etc. including bailing out water, Steel centering, formwork ,cover blocks, laying/pumping, 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	7287.00	1530.27	5756.73	230.27	5987.00	0.00	0.425	207.71	7.50	50.80	0.85	589.45	847.96	1530.27	8365.25	8438.10	8511.00	One Cubic Metre
11	25.33	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 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	13967.00	2933.07	11033.93	441.36	11475.29	0.00	0.425	207.71	7.50	50.80	0.85	589.45	847.96	2933.07	15256.30	15395.95	15535.65	One Cubic Metre

Sr. No.	Items No	Description of Item	D.S.R. Rate 2022-2023	Deduct 21%	Net Rate	Add5% Municipal Council	Bricks @ Rs.		Sand @ Rs.		Cement @ Rs.		Flooring Tiles		Total of Colm. No. I,K, M and O	Add 21%	Net Rate G.F	Net Rate F. F	Net Rate S. F	Unit
							0.671	Cum.	488.73	Cum.	6.77	Per bag	13.55	Sqm.						
							Metal = > 40		Murrum @ RS		Steel @ Rs.		pipe							
							664.58	Cum.	664.58	Cum.	135.97	MT.	0.00	Sqm.						
							Boulders		crush sand @Rs		BT	DIFF BT	Metal < 40mm							
		502.27	Cum.	0.00	Cum.	8387.00	0.00	693.47	Sqm.											
12	25.52	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, formwork, cover blocks, laying/pumping, compactionand roughening the surface 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	12452.00	2614.92	9837.08	393.48	10230.56	0.00	0.425	207.71	7.50	50.80	0.85	589.45	847.96	2614.92	13693.45	13817.95	13942.50	One Cubic Metre
13	24.06	Providing and laying Cast in situ/Ready Mixcement concrete in M20 of trap/ granite/quartzite/gneiss metal for steps including steel centering, formwork, laying/pumping, 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 fully automatic micro processor based PLC with SCADA	6721.00	1411.41	5309.59	212.38	5521.97	0.00	1.425	696.44	8.50	57.57	1.85	1282.92	2036.93	1411.41	8970.30	9037.50	9104.70	One Cubic Metre
14	25.72	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, cover blocks, laying/pumping, compaction finishing the formed surfaces with cement mortar 1:3 of	14116.00	2964.36	11151.64	446.07	11597.71	0.00	0.425	207.71	7.50	50.80	0.85	589.45	847.96	2964.36	15410.00	15551.15	15692.30	One Cubic Metre

Sr. No.	Items No	Description of Item	D.S.R. Rate 2022-2023	Deduct 21%	Net Rate	Add5% Municipal Council	Bricks @ Rs.		Sand @ Rs.		Cement @ Rs.		Flooring Tiles		Total of Colm. No. I,K, M and O	Add 21%	Net Rate G.F	Net Rate F. F	Net Rate S. F	Unit
							0.671	Cum.	488.73	Cum.	6.77	Per bag	13.55	Sqm.						
							Metal => 40		Murrum @ RS		Steel @ Rs.		pipe							
							664.58	Cum.	664.58	Cum.	135.97	MT.	0.00	Sqm.						
							Boulders		crush sand @Rs		BT	DIFF BT	Metal < 40mm							
							502.27	Cum.	0.00	Cum.	8387.00	0.00	693.47	Sqm.						
15	26.07	Providing and laying Cast in situ/Ready Mixcement 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 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)	14116.00	2964.36	11151.64	446.07	11597.71	0.00	0.425	207.71	7.50	50.80	0.85	589.45	847.96	2964.36	15410.00	15551.15	15692.30	One Cubic Metre
16	26.11	Providing and laying Cast in situ/Ready Mix cement concrete M-25 of trap / granite / quartzite / gneiss metal for R.C.C. canopy as per detailed designs and drawings including steel centering, formwork, laying/pumping, compacting and roughening the surface if special finish is to be provided and curing etc.	14116.00	2964.36	11151.64	446.07	11597.71		0.425	207.71	7.50	50.80	0.85	589.45	847.96	2964.36	15410.00	15551.20	15692.35	One Cubic Metre
17	26.26	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, plywood/ steel 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 einforcement, including cover block).(Newly laid concrete shall be covered by gunny bag	12244.00	2571.24	9672.76	386.91	10059.67	0.00	0.425	207.71	7.50	50.80	0.85	589.45	847.96	2571.24	13478.85	13601.30	13723.75	One Cubic Metre

Sr. No.	Items No	Description of Item	D.S.R. Rate 2022-2023	Deduct 21%	Net Rate	Add5% Municipal Council	Bricks @ Rs.			Sand @ Rs.		Cement @ Rs.		Flooring Tiles		Total of Colm. No. I,K, M and O	Add 21%	Net Rate G.F	Net Rate F. F	Net Rate S. F	Unit
								0.671	Cum.	488.73	Cum.	6.77	Per bag	13.55	Sqm.						
								Metal = > 40		Murrum @ RS		Steel @ Rs.		pipe							
								664.58	Cum.	664.58	Cum.	135.97	MT.	0.00	Sqm.						
								Boulders		crush sand @Rs		BT	DIFF BT	Metal < 40mm							
								502.27	Cum.	0.00	Cum.	8387.00	0.00	693.47	Sqm.						
18	26.33	Providing and fixing in position TMT - FE - 500 bar reinforcement of various diameters for R.C.C. pile caps, footings, foundations, slabs, beams columns, canopies, staircase, newels, chajjas, lintels pardis, copings, fins, arches etc. as per detailed designs, drawings and schedules. including cutting, bending, hooking the bars, binding with wires or tack welding and supporting as required complete.	71762.40	15070.10	56692.30	2267.69	58959.99					1.00	135.97			135.97	15070.10	74166.05	74883.70	75601.30	Metric Tonne
19	27.12	Providing fly ash brick masonry with conventional / I.S. type fly ash bricks in C.M. 1:6 in foundation and plinth including bailing out water manually striking joints, racking out joints watering and scaffolding etc. complete	5507.20	1156.51	4350.69	174.03	4524.72	475.00	318.83	0.320	156.39	1.58	10.70			485.93	1156.51	6167.15	6222.25	6277.30	One Cubic Metre
20	27.13	Providing fly ash brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in superstructure including striking joints, raking out	5684.80	1193.81	4490.99	179.64	4670.63	475.00	318.83	0.320	156.39	1.58	10.70			485.93	1193.81	6350.35	6407.20	6464.05	One Cubic Metre
21	32.02	Providing internal cement plaster 6 mm thick in a single coat in cement mortar 1:3 without neeru finish to concrete surface in all positions including	146.30	30.72	115.58	4.62	120.20			0.076	37.14	0.11	0.75			37.89	30.72	188.80	190.25	191.75	One Square Metre
22	32.03	Providing internal cement plaster 12mm thick in single coat in cement mortar 1:5 without neeru finish to	189.70	39.84	149.86	5.99	155.85			0.015	7.33	0.14	0.95			8.28	39.84	203.95	205.85	207.75	One Square Metre
23	32.11	Providing sand faced plaster externally in cement mortar using approved screened sand, in all positions including base	639.00	134.19	504.81	20.19	525.00			0.033	16.13	0.25	1.69			17.82	134.19	677.00	683.40	689.80	One Square Metre
24	32.26	Providing and fixing chicken mesh of 22 gauge, with about 30 cm. width at the junction of R.C.C members and brick	39.90	8.38	31.52	1.26	32.78									0.00	8.38	41.15	41.55	41.95	One Running Metre
25	32.34	Providing and applying Two coats of wall care Putty on plastered surface and Ceiling and Walls to prepare surface	81.00	17.01	63.99	2.56	66.55									0.00	17.01	83.55	84.35	85.20	One Square Metre

Sr. No.	Items No	Description of Item	D.S.R. Rate 2022-2023	Deduct 21%	Net Rate	Add5% Municipal Council	Bricks @ Rs.		Sand @ Rs.		Cement @ Rs.		Flooring Tiles		Total of Colm. No. I,K, M and O	Add 21%	Net Rate G.F	Net Rate F. F	Net Rate S. F	Unit
							0.671	Cum.	488.73	Cum.	6.77	Per bag	13.55	Sqm.						
							Metal = > 40		Murrum @ RS		Steel @ Rs.		pipe							
							664.58	Cum.	664.58	Cum.	135.97	MT.	0.00	Sqm.						
							Boulders		crush sand @Rs		BT		Metal < 40mm							
							502.27	Cum.	0.00	Cum.	8387.00	0.00	693.47	Sqm.						
26	36.12	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.	72.00	15.12	56.88	2.28	59.16							0.00	15.12	74.30	75.00	75.70	One Square Metre	
27	35.13	Providing and applying two coats of water proof cement paint of approved manufacture and of approved colour to the plastered surfaces including scaffolding if necessary, cleaning and preparing the surface, watering for two days etc. complete.	79.00	16.59	62.41	2.50	64.91							0.00	16.59	81.50	82.30	83.10	One Square Metre	
28	39.57	Providing and fixing M40 grade thick vibrated pull cast or similar type concrete frame with chamfer conforming to I.S. 65241983 having 6 mm dia bars 3 Nos. And strips @250 mm c/c and fixing in wall with 6 Nos. of hold fast of 12 mm dia bars 500 mm long including primer and oil painting etc, complete) frame size 60 mm x 125 mm	800.80	168.17	632.63	25.31	657.94							0.00	168.17	826.10	834.10	842.15	One Running Metre	
29	39.09	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.	3079.00	646.59	2432.41	97.30	2529.71							0.00	646.59	3176.30	3207.10	3237.90	One Square Metre	

Sr. No.	Items No	Description of Item	D.S.R. Rate 2022-2023	Deduct 21%	Net Rate	Add5% Municipal Council	Bricks @ Rs.		Sand @ Rs.		Cement @ Rs.		Flooring Tiles		Total of Colm. No. I,K, M and O	Add 21%	Net Rate G.F	Net Rate F. F	Net Rate S. F	Unit		
							0.671	Cum.	488.73	Cum.	6.77	Per bag	13.55	Sqm.								
							Metal = > 40		Murrum @ RS		Steel @ Rs.		pipe									
							664.58	Cum.	664.58	Cum.	135.97	MT.	0.00	Sqm.								
							Boulders		crush sand @Rs		BT		DIFF BT								Metal < 40mm	
							502.27	Cum.	0.00	Cum.	8387.00	0.00	693.47	Sqm.								
30	40.01	Providing and fixing mild steel grill work for windows, ventilators etc. 20 Kilogram/ One Square Metre as per drawing including fixtures, necessary welding and painting with one coats of anticorrosive paint and two coats of oil painting complete.	1467.90	308.26	1159.64	46.39	1206.03							0.00	308.26	1514.30	1528.95	1543.65	One Square Metre			
31	39.39	Providing and fixing in position. (as per I.S.1868 / 1982) Aluminium sliding window of two tracks with rectangular pipe having overall dimension 63.50 x 38.10 x 1.02 mm at weight 0.547 Kilogram/One Running Metre. and window frame bottom track section 61.85 x 31.75 x 1.20 mm at weight 0.695 Kilogram/One Running Metre. Top and side track section 61.85 x 31.75 x 1.30 mm at weight 0.659 Kilogram/One Running Metre. The shutter should be of bearing bottom 40 x 18 x 1.25 mm at weight 0.417 Kilogram/One Running Metre. Inter locking section 40 x 18 x 1.10 mm at weight 0.469 Kilogram/One Running Metre.	3698.80	776.75	2922.05	116.88	3038.93							0.00	776.75	3815.70	3852.65	3889.65	One Square Metre			
32	39.26	Providing and fixing collapsible steel gate in one / two leaves with hot rolled vertical channels of 18 x 9 x 3 mm minimum size, crossings of M.S. flats of size 18 x 5 mm T or E section for runner of minimum 40 x 6 mm size for flange, M.S. flat for top runner of minimum size 40 x 12 mm with roller wheels confirming to grade F.G. 150 fitted with snap headed rivets of minimum size 6 mm max. spacing of vertical channels be 100 mm enclosed gate position and clear space of 150 mm between two sets of crossings with hold fasts, stoppers, spaces, handles, locking arrangement and one coat of red lead primer and oil	2807.70	589.62	2218.08	88.72	2306.80							0.00	589.62	2896.40	2924.50	2952.55	One Square Metre			

Sr. No.	Items No	Description of Item	D.S.R. Rate 2022-2023	Deduct 21%	Net Rate	Add5% Municipal Council	Bricks @ Rs.		Sand @ Rs.		Cement @ Rs.		Flooring Tiles		Total of Colm. No. I,K, M and O	Add 21%	Net Rate G.F	Net Rate F. F	Net Rate S. F	Unit
							0.671	Cum.	488.73	Cum.	6.77	Per bag	13.55	Sqm.						
							Metal = > 40		Murrum @ RS		Steel @ Rs.		pipe							
							664.58	Cum.	664.58	Cum.	135.97	MT.	0.00	Sqm.						
							Boulders		crush sand @Rs		BT	DIFF BT	Metal < 40mm							
							502.27	Cum.	0.00	Cum.	8387.00	0.00	693.47	Sqm.						
33	33.35	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	2920.40	613.28	2307.12	92.28	2399.40		0.020	9.77	0.20	1.35	1.00	13.55	24.68	613.28	3037.35	3066.55	3095.75	One Square Metre
34	33.06	Providing and laying machine cut machine Polished Kota stone flooring 25mm to 30mm thick and required width in plain/ diamond pattern on bed of 1:6 C. M. including cement float, filling joints with neat cement slurry, curing, polishing and cleaning etc. complete.	1247.00	261.87	985.13	39.41	1024.54		0.022	10.75	0.14	0.91	1.00	13.55	25.22	261.87	1311.60	1324.10	1336.55	One Square Metre
35	33.81	Providing and fixing in required position skirting or dado of polished Kotah Stone slab 25 mm to 30 mm thick fixed on base on plaster of cement mortar 1:4 including cement float, filling joints with cement slurry, curing rubbing, polishing and cleaning complete.	940.80	197.57	743.23	29.73	772.96		0.020	9.77	0.19	1.25	1.00	13.55	24.58	197.57	995.10	1004.50	1013.95	One Square Metre
36	42.87	Providing and fixing P.V.C. Rain water pipes of 110mm outer diameter and having wall thickness of 2.2 to 2.7 mm confirming to I.S. 13592-1992 including proper rainwater receiving recess with P.V.C. plug, bend, necessary fittings, such as, offsets, shoes, including fixing the pipe on wall using approved wooden cleats projecting 25mm to 40mm from face of wall a fixing with clips of approved quality and One Number ,filing the joint using rubber gasket with solvent cement and properly resting the shoe of pipes on C.C. or masonry	398.30	83.64	314.66	12.59	327.25						0.00	0.00	83.64	410.90	414.85	418.85	One Running Metre	

Sr. No.	Items No	Description of Item	D.S.R. Rate 2022-2023	Deduct 21%	Net Rate	Add5% Municipal Council	Bricks @ Rs.		Sand @ Rs.		Cement @ Rs.		Flooring Tiles		Total of Colm. No. I,K, M and O	Add 21%	Net Rate G.F	Net Rate F. F	Net Rate S. F	Unit
							0.671	Cum.	488.73	Cum.	6.77	Per bag	13.55	Sqm.						
							Metal = > 40		Murrum @ RS		Steel @ Rs.		pipe							
							664.58	Cum.	664.58	Cum.	135.97	MT.	0.00	Sqm.						
							Boulders		crush sand @Rs		BT	DIFF BT	Metal < 40mm							
							502.27	Cum.	0.00	Cum.	8387.00	0.00	693.47	Sqm.						
37	NON SSR	Providing and fixing GI sandwich ROOF PUF Panel Roof Sheet. The top prepainted GI sheet 0.5mm Thick (Density 40KG/M3) and bottom GI .5mm thick (Density 40kg/m3) with poly Urethene Foam (PUF) with high insulation properly and density is 40kg/m3 onbetween the shed the effetive of PUF insulated sandwich panel is 80 mm and thickness including crest 65mm, pitch 250mm and crest thrust 100mm as per the Drawing. Fixing the sheet with self tapping drilling screw of (dia. 5.5mm) over purlin the overlap of sheet as per the drawing with ipper extendd ridge is Rockwool insulation and intenal Ridge , Roof Trapezoidal end cap .Roof side according to	1800.00	378.00	1422.00	56.88	1478.88						0.00	0.00	378.00	1856.90	1874.90	1892.90	SQM	
38		Providing and fixing tera felt APP(Atactic Poly-prolene) Gobain make underly membrane of apporoximate 2mm thick below single fixed by sufficient rust free nails on existing concrete plaain slopping roof including all materilals,transportation , labour and scaffolding etc. complte as per nstruction of engineer incharge/ Architect etc. complete (excluding GST) (Referance as per. SE PWD Nagpur, Outward No. 7599, DT. 19/08/2024) NCSR	315.00	66.15	248.85	9.95	258.80						0.00	0.00	66.15	324.95	328.10	331.25	SQM	

Sr. No.	Items No	Description of Item	D.S.R. Rate 2022-2023	Deduct 21%	Net Rate	Add5% Municipal Council	Bricks @ Rs.		Sand @ Rs.		Cement @ Rs.		Flooring Tiles		Total of Colm.No. I,K, M and O	Add 21%	Net Rate G.F	Net Rate F. F	Net Rate S. F	Unit
							0.671	Cum.	488.73	Cum.	6.77	Per bag	13.55	Sqm.						
							Metal = > 40		Murrum @ RS		Steel @ Rs.		pipe							
							664.58	Cum.	664.58	Cum.	135.97	MT.	0.00	Sqm.						
							Boulders		crush sand @Rs		BT	DIFF BT	Metal < 40mm							
							502.27	Cum.	0.00	Cum.	8387.00	0.00	693.47	Sqm.						
39		Providing and fixing the roofing Shingles of Saint Gobain make composites of reinforced fibre glass and minerals stabilized , high grade asphalst. They are overlaid with high strenght ceramic coated granules., below which is mineral stabilizer cum fibre retardant coating. The entire composition comes in the form ot mats. A sheet of singles has thickness of 8mm to 9mm and size as per the requirement. The profile pattern & colour shall be as per approval drawing and it should be got_ approved before _ fixing from the_ Engineer_ in charge/Architect. The roofing should be 100% water proof and resistance of all impact forces wind & fire also unbreakable. These are	1290.00	270.90	1019.10	40.76	1059.86						0.00	0.00	270.90	1330.75	1343.65	1356.55	SQM	
40		Providing and Fixing of in 0.9mm thick Aluminium Flashing , maximum width 500 mm. Colour to match to roofing material. NCSR	605.50	127.16	478.34	19.13	497.47						0.00	0.00	127.16	624.65	630.70	636.75	RMT	

Sr. No.	Items No	Description of Item	D.S.R. Rate 2022-2023	Deduct 21%	Net Rate	Add5% Municipal Council	Bricks @ Rs.		Sand @ Rs.		Cement @ Rs.		Flooring Tiles		Total of Colm. No. I,K, M and O	Add 21%	Net Rate G.F	Net Rate F. F	Net Rate S. F	Unit
							0.671	Cum.	488.73	Cum.	6.77	Per bag	13.55	Sqm.						
							Metal = > 40		Murrum @ RS		Steel @ Rs.		pipe							
							664.58	Cum.	664.58	Cum.	135.97	MT.	0.00	Sqm.						
							Boulders		crush sand @Rs		BT		Metal < 40mm							
							502.27	Cum.	0.00	Cum.	8387.00	0.00	693.47	Sqm.						
41		Providing & fixing Ridge accessories colour match with the Roofing Shingles of Saint-Gobain make composites of reinforced fiber glass and minerals stabilized, high grade asphalt. They are overlaid with high strength ceramic coated granules, below which is mineral stabilizer cum fibre retardant coating. The entire composition comes in the form of mats. A sheet of singles has thickness of 8mm to 9mm and size as per the requirement. The profile pattern & colour shall be as per approval drawing and it should be got approved before fixing from the Engineer in charge/Architect. The roofing should be 100% water proof and resistance of all impact	350.00	73.50	276.50	11.06	287.56						0.00	0.00	73.50	361.05	364.55	368.05	RMT	
42	23.01	Providing and Fabricating Structural Steel Work in rolled sections like joists, channels, angles, tees etc. as per detailed design and drawings or as directed, including cutting, fabricating, hoisting, erecting, fixing in position, making riveted / bolted / welded connections without connecting plates, braces etc. and including one coat of anticorrosive paint and over it two coats of oil painting of approved quality and shade etc. complete. SSR 2022-23 Item No. 23.01 Sr. No. 816, Page No. 173, BdC 2 Page No.275.	81475.20	17109.79	64365.41	2574.62	66940.03						0.00	0.00	17109.79	84049.80	84864.55	85679.30	Metric Tonne	

Sr. No.	Items No	Description of Item	D.S.R. Rate 2022-2023	Deduct 21%	Net Rate	Add5% Municipal Council	Bricks @ Rs.		Sand @ Rs.		Cement @ Rs.		Flooring Tiles		Total of Colm. No. I,K, M and O	Add 21%	Net Rate G.F	Net Rate F. F	Net Rate S. F	Unit
							0.671	Cum.	488.73	Cum.	6.77	Per bag	13.55	Sqm.						
							Metal = > 40		Murrum @ RS		Steel @ Rs.		pipe							
							664.58	Cum.	664.58	Cum.	135.97	MT.	0.00	Sqm.						
							Boulders		crush sand @Rs		BT		Metal < 40mm							
							502.27	Cum.	0.00	Cum.	8387.00	0.00	693.47	Sqm.						
43	23.12	Providing Structural steel work in Hollow Sections of various thickness and sizes in Square, Rectangular and Round shape from 25mm to 450mm section as per IS-4923 YST 310 Grade produced from iron ore and blast furnace route etc. as per detailed design and drawing or as directed including cutting, fabricating, hoisting, erecting, fixing in position, Making rivetted / bolted / welded connections and painting coomplete. SSR 2022-23 Item No. 23.12 Sr. No. 826, Page No. 174 As directed by Engineer-In-Charge.	95032.00	19956.72	75075.28	3003.01	78078.29						0.00	0.00	19956.72	98035.00	98985.35	99935.65	Metric Tonne	

Royalty Charges Sheet								
NAME OF WORK:-Construction of Sewanand School Balance Building -iv at Mahadualla, Koradi.								
Sr. No	Items No	Description of Item	Bldg	Total	Consumption	Sand Qty	Metal	Murum Qty
1	21.37	Filling in plinth and floors	561.36	561.36	1.000			561.36
2	21.40	Providing soling using 80 mm size	197.14	197.14	0.150	29.57	197.14	
3	24.01	M-10 PCC	83.44	83.44	0.470	39.22		
4	25.13	M-25 for R.C.C. work in foundations	190.24	190.24	0.425	80.85		
5	25.33	M- 25 for R.C.C. columns	61.60	61.60	0.425	26.18		
6	25.52	M-25 for R.C.C. beams and lintels	148.83	148.83	0.425	63.25		
7	25.72	M- 25 for R.C.C. slabs and landings	54.25	54.25	0.425	23.05		
8	26.07	M-25 for R.C.C. Chhajja	3.13	3.13	0.425	1.33		
9	26.26	M-25 for R.C.C. Waist slab	5.55	5.55	0.425	2.36		
10	26.11	M-25 for R.C.C. canopy	4.93	4.93	0.425	2.09		
11	27.12	Fly Ash BM In foundation & Plinth	31.88	31.88	0.320	10.20		
12	27.13	Fly Ash BM In Superstructure	283.98	283.98	0.320	90.88		
13	32.02	Internal Ceiling plaster 6mm thick in single coat in cement mortar 1:3	2659.60	2659.60	0.0076	20.21		
14	32.03	Internal cement plaster 12mm thick in single coat in cement mortar 1:5	831.60	831.60	0.015	12.47		
15	32.11	Sand Faced Plaster plaster externally	380.00	380.00	0.033	12.54		
16	33.35	Granite Steps	64.43	64.43	0.020	1.29		
17	33.06	Kota Stone Flooring	687.45	687.45	0.022	15.12		
						430.63	197.14	561.36
				216.18	237.37	102217.61	42617.49	121354.80
				For Murum	For Sand			Rs. 2,66,190.00

Testing Charges Chart										
NAME OF WORK:-Construction of Sewanand School Balance Building -iv at Mahadualla, Koradi.										
Sr.No	Description	Qty	Unit	Material Test	Qty	Frequency	Name of Test	No.of Test	Rate	Amount
1	Filling in Plinth & murum in road.....	242.94	Cum	Murum	242.94	Every Change in source or Qty of Murum	Sieve Analysis	1	725.00	725.00
							Liquid limit & plastic limit	1	1230.00	1230.00
							Compaction test (Proctor density)		1860.00	0.00
							C.B.R.Test (Lab) with Compaction test			0.00
							Field Density by Sand replacement method.			0.00
2	Concrete qty M-25 grade ...	507.92	Cum	Cement Concrete Cube		50 Cum and above 4 plus	Compressive test of C.C.Cube	13	725.00	9425.00
							Concrete Mix Design (With all tests on basic materials)	1	14445.00	14445.00
				Basic Test of Cement		For Each Consignment of 50 M.T. or Part there off	Standared Consistency ,Fineness,Specific Gravity, Setting time (Initial & Final) , Compressive strength ,Soundness	1	3960.00	3960.00
				Basic test of Aggregates		One test for per 100 Cubic meter	Water Absorption ,Specific gravity, Impact Value/ Crushing Value.	1	2730.00	2730.00
							Seive Analysis.	1	725.00	725.00
							Abarsion value.	1	1230.00	1230.00
							Flakiness index & Elongation Index.	1	895.00	895.00
				Fine Aggregates		In the begenining or if change of source	Fineness Modulus (Sieve Analysis), Silt & clay content	1	1450.00	1450.00
							Chloride & Sulphate Content.		835.00	0.00
							Silt factor.	1	895.00	895.00
3	Steel Bar Testing	79.29	MT	Steel Bar			Tensile Strength , % , Elongation , Yield sress , weight per meter , Bend / Rebend Test, Proof Stress. Upto 16mm Dia	2	1340.00	2680.00
							Above 16mm Dia	2	1675.00	3350.00
4	Brick masonry	315.868	Cum	Bricks	157933.75	A set of 15 bricks for 50000 consignment or part there of	Water Absorption (Set of 5 Bricks),Compressive Strength (Set of 5 Bricks),Efflorescence 9Set of 5 Bricks)	3	2285.00	6855.00
5	flooring of natural stones(kota,marbal,tandur,etc)	751.88	Sqm	kota stone/granite stone	751.88		Water Absorption (Set of 6 tiles),Flexural test (Set of 6 tiles)	1	2620.00	2620.00
							specific Gravity	1	1450.00	1450.00
6	Water Test						PH Value, Sulphate & chloride Content .	1	1170.00	1170.00

Sr.No	Description	Qty	Unit	Material Test	Qty	Frequency	Name of Test	No.of Test	Rate	Amount
Total Amount for Testing of Material										Rs. 55,835.00

LEAD STATEMENT					
NAME OF WORK:-Construction of Sewanand School Balance Building -iv at Mahadualla, Koradi.					
Sr. No.	Material	Source	Lead in km	Lead charges	Unit
1	Metal =>40mm	PANCHGAON QUERRY	35.00	664.58	Cum
2	Metal<40mm	PANCHGAON QUERRY	35.00	693.47	Cum
3	Rubble/Boulders	PANCHGAON QUERRY	35.00	848.39	Cum
4	Sand	Khapa (Kanhani river)	20.00	488.73	Cum
5	Murum	PANCHGAON QUERRY	35.00	664.58	Cum
6	Bricks	BINA	10.00	671.23	CUM
7	Cement	KORADI	3.00	135.46	MT
				6.77	Bag
8	Steel	KORADI	3.00	135.97	MT
9	Ceramic kotah tiles	KORADI	3.00	13.55	Sqm
10	Granite/Marble tiles	KORADI	3.00	13.55	Sqm

ARCHITECT

Sub Divisional Engineer
Public Work Sub-Division
Saoli

Executive Engineer
Public Works Division
Nagbhid

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Year	Month	Day	Event	Location	Time	Duration	Participants	Notes
1990	1	1	First day of the year	London, UK	00:00	24h	1	Start of the year
1990	1	2	Second day of the year	London, UK	00:00	24h	1	Second day of the year
1990	1	3	Third day of the year	London, UK	00:00	24h	1	Third day of the year
1990	1	4	Fourth day of the year	London, UK	00:00	24h	1	Fourth day of the year
1990	1	5	Fifth day of the year	London, UK	00:00	24h	1	Fifth day of the year
1990	1	6	Sixth day of the year	London, UK	00:00	24h	1	Sixth day of the year
1990	1	7	Seventh day of the year	London, UK	00:00	24h	1	Seventh day of the year
1990	1	8	Eighth day of the year	London, UK	00:00	24h	1	Eighth day of the year
1990	1	9	Ninth day of the year	London, UK	00:00	24h	1	Ninth day of the year
1990	1	10	Tenth day of the year	London, UK	00:00	24h	1	Tenth day of the year
1990	1	11	Eleventh day of the year	London, UK	00:00	24h	1	Eleventh day of the year
1990	1	12	Twelfth day of the year	London, UK	00:00	24h	1	Twelfth day of the year
1990	1	13	Thirteenth day of the year	London, UK	00:00	24h	1	Thirteenth day of the year
1990	1	14	Fourteenth day of the year	London, UK	00:00	24h	1	Fourteenth day of the year
1990	1	15	Fifteenth day of the year	London, UK	00:00	24h	1	Fifteenth day of the year
1990	1	16	Sixteenth day of the year	London, UK	00:00	24h	1	Sixteenth day of the year
1990	1	17	Seventeenth day of the year	London, UK	00:00	24h	1	Seventeenth day of the year
1990	1	18	Eighteenth day of the year	London, UK	00:00	24h	1	Eighteenth day of the year
1990	1	19	Nineteenth day of the year	London, UK	00:00	24h	1	Nineteenth day of the year
1990	1	20	Twentieth day of the year	London, UK	00:00	24h	1	Twentieth day of the year
1990	1	21	Twenty-first day of the year	London, UK	00:00	24h	1	Twenty-first day of the year
1990	1	22	Twenty-second day of the year	London, UK	00:00	24h	1	Twenty-second day of the year
1990	1	23	Twenty-third day of the year	London, UK	00:00	24h	1	Twenty-third day of the year
1990	1	24	Twenty-fourth day of the year	London, UK	00:00	24h	1	Twenty-fourth day of the year
1990	1	25	Twenty-fifth day of the year	London, UK	00:00	24h	1	Twenty-fifth day of the year
1990	1	26	Twenty-sixth day of the year	London, UK	00:00	24h	1	Twenty-sixth day of the year
1990	1	27	Twenty-seventh day of the year	London, UK	00:00	24h	1	Twenty-seventh day of the year
1990	1	28	Twenty-eighth day of the year	London, UK	00:00	24h	1	Twenty-eighth day of the year
1990	1	29	Twenty-ninth day of the year	London, UK	00:00	24h	1	Twenty-ninth day of the year
1990	1	30	Thirtieth day of the year	London, UK	00:00	24h	1	Thirtieth day of the year
1990	1	31	First day of the year	London, UK	00:00	24h	1	First day of the year
1990	2	1	First day of the year	London, UK	00:00	24h	1	First day of the year
1990	2	2	Second day of the year	London, UK	00:00	24h	1	Second day of the year
1990	2	3	Third day of the year	London, UK	00:00	24h	1	Third day of the year
1990	2	4	Fourth day of the year	London, UK	00:00	24h	1	Fourth day of the year
1990	2	5	Fifth day of the year	London, UK	00:00	24h	1	Fifth day of the year
1990	2	6	Sixth day of the year	London, UK	00:00	24h	1	Sixth day of the year
1990	2	7	Seventh day of the year	London, UK	00:00	24h	1	Seventh day of the year
1990	2	8	Eighth day of the year	London, UK	00:00	24h	1	Eighth day of the year
1990	2	9	Ninth day of the year	London, UK	00:00	24h	1	Ninth day of the year
1990	2	10	Tenth day of the year	London, UK	00:00	24h	1	Tenth day of the year
1990	2	11	Eleventh day of the year	London, UK	00:00	24h	1	Eleventh day of the year
1990	2	12	Twelfth day of the year	London, UK	00:00	24h	1	Twelfth day of the year
1990	2	13	Thirteenth day of the year	London, UK	00:00	24h	1	Thirteenth day of the year
1990	2	14	Fourteenth day of the year	London, UK	00:00	24h	1	Fourteenth day of the year
1990	2	15	Fifteenth day of the year	London, UK	00:00	24h	1	Fifteenth day of the year
1990	2	16	Sixteenth day of the year	London, UK	00:00	24h	1	Sixteenth day of the year
1990	2	17	Seventeenth day of the year	London, UK	00:00	24h	1	Seventeenth day of the year
1990	2	18	Eighteenth day of the year	London, UK	00:00	24h	1	Eighteenth day of the year
1990	2	19	Nineteenth day of the year					

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SHREE MAHALAXMI JAGDAMBA SANSTHAN KORADI					
Construction of Sewanand School Balance Building and Development of School Ground at Mahadualla, Koradi.					
	Name of work :- Electrical work				
	Abstract (Part-B)				
Sr. No.	Items Description	Qty.	Unit	Rate	Amount
1	Supplying and laying HMS PVC conduit FRLS grade 20 mm dia. With necessary accessories in RCC work/false ceiling/false flooring as per specification No. WG-MA/CC.	750.00	Mtr	99.00	74,250.00
2	Making trench in soft soil having 0.75 m depth and minimum 0.3 m width for laying provided cables up to voltage level of 1.1kV complete As per specification No. CW-EXN-CTR	100.00	Mtr	161.00	16,100.00
3	Point wiring for independent plug, concealed type in min 20 mm FRLSgrade HMS PVC conduit with 1.5 sq.mm (2+1E) FRLSH grade copperwires, modular type switch, earthing and required accessories as perspecification No WG-PW/SW	600.00	Point	781.00	4,68,600.00
4	Secondary point wiring for additional light/ bell point, concealed type inmin 20 mm FRLS grade PVC conduit with 1.5 sq.mm. (2+1E) FRLSH gradecopper wires with required accessories as per specification No: WG-PW/CW	350.00	Point	204.00	71,400.00
5	Supplying and erecting modular type switch 6A /10A duly erected on provided plate and box with wiring connections complete.	180.00	Each	72.00	12,960.00
6	Supplying and erecting modular type switch 16A duly erected on provided plate	94.00	Each	106.00	9,964.00
7	Supplying and erecting unbreakable concealed type modular switch box with double mounting plate for 12 module duly erected flush to wall with required chiselling and finishing with cement mortar / POP as per required to match the background.	180.00	Each	523.00	94,140.00
8	Supplying and erecting unbreakable concealed type modular switch box with double mounting plate for 8 module duly erected flush to wall with required chiselling and finishing with cement mortar / POP as per required to match the background.	180.00	Each	417.00	75,060.00
9	Supplying and erecting mains with 2x2.5 sq.mm FRLSH copper PVCinsulated wire laid in provided conduit/trunking/inside pole/Bus bars or anyother places. as per specification No: WG-MA/BW	320.00	Mtrs	62.00	19,840.00
10	Supplying and erecting mains with 2x4 sq.mm FRLSH copper PVC insulatedwire laid in provided conduit/trunking/inside pole/Bus bars or any other places.as per specification No: WG-MA/BW	750.00	Mtrs	89.00	66,750.00
11	Supplying & erecting mains with 1x4.0 sq.mm H.F.F.R. copper PVC insulated wire laid in provided conduit/trunking/inside pole/Bus bars or any other places as per specification No: WG-MA/BW	510.00	Mtrs	44.50	22,695.00
12	Supplying and erecting mains with 4x4 sq.mm FRLSH copper PVC insulated wire laid in provided conduit/trunking/inside pole/Bus bars or any other places. as per specification No: WG-MA/BW	510.00	Mtrs	178.00	90,780.00
13	Supplying and erecting mains with 4x6 sq.mm FRLSH copper PVC insulated wire laid in provided conduit/trunking/inside pole/Bus bars or any other places. as per specification No: WG-MA/BW	150.00	Mtrs	264.00	39,600.00
14	Supplying & erecting mains with 1x6.0 sq.mm H.F.F.R. copper PVC insulated wire laid in provided conduit/trunking/inside pole/Bus bars or any other places as per specification No: WG-MA/BW	150.00	Mtrs	66.00	9,900.00
15	Supplying, erecting & marking SPMCB 6A to 32A, C-series with rated short - circuit breaking capacity (Icn) 10kA in provided distribution board as per specification no. SW-SWR/MCB	150.00	Each	174.00	26,100.00
16	Supplying, erecting & marking SPMCB 6A to 32A, B-series with rated short - circuit breaking capacity (Icn) 10kA in provided distribution board as per specification no. SW-SWR/MCB	150.00	Each	173.00	25,950.00
17	Supplying, erecting & marking TPMCB 6A to 32A, with rated short - circuit breaking capacity (Icn) 10kA in provided distribution board as per specification no. SW-SWR/MCB	85.00	Each	751.00	63,835.00
18	Supplying, erecting & marking TPMCB 40A to 63A, with rated short - circuit breaking capacity (Icn) 10kA in provided distribution board as per specification no. SW-SWR/MCB	48.00	Each	992.00	47,616.00
19	Supplying, erecting & marking FPMCB 40A to 63A, with rated short - circuit breaking capacity (Icn) 10kA in provided distribution board as per specification no. SW-SWR/MCB	27.00	Each	1329.00	35,883.00
20	Supplying & erecting triple pole and neutral distribution board (TPNDB), SPMCB of 4 ways/phase (12 poles), with door, 1.2mm thickness, surface/flush mounted, IP 43 protection on iron/GI frame (horizontal busbar type) as per specification no. SW-SWR/MCBDB	10.00	Each	2356.00	23,560.00

Sr. No.	Items Description	Qty.	Unit	Rate	Amount
21	Supplying & erecting triple pole and neutral distribution board (TPNDB), SPMCB of 8 ways / phase (24 poles), with door, 1.2mm thickness surface/ flush mounted, IP 43 Protection on iron/GI frame (horizontal busbar type) as per specification no. SW-SWR/MCBDB (8+2 no 4w PPI DB)	12.00	Each	3380.00	40,560.00
22	Supplying & erecting triple pole and neutral distribution board (TPNDB), SPMCB of 12 ways /phase (36 poles), with door, 1.2mm thickness surface/flush mounted, IP 43 Protection on iron/GI frame (horizontal busbar type) as per specification no. SW-SWR/MCBDB	6.00	Each	4609.00	27,654.00
23	Supplying & erecting triple pole and neutral distribution board (TPNDB), SP/TP MCBs total 4 ways /12 Poles, with door, 1.2mm thickness surface/flush mounted, IP 43 Protection on iron/GI frame (vertical busbar type) as per specification no. SW-SWR/MCBDB	16.00	Each	4650.00	74,400.00
24	Supplying & erecting triple pole and neutral distribution board (TPNDB), SP/TP MCBs total 8 ways /24 poles, with door, 1.2mm thickness surface/flush mounted, IP 43 Protection on iron/GI frame (vertical busbar type) as per specification no. SW-SWR/MCBDB	6.00	Each	5696.00	34,176.00
25	Supplying and erecting single pole and neutral distribution board (SPNDB), with 2 ways for incoming and 2 ways (2 poles) for outgoing SP MCBs, with door, 1.2mm thickness surface / flush mounted, IP 43 Protection on iron / GI frame as per specification no. SW-SWR/MCBDB (enclosure for autoclave and xray)	18.00	Each	1054.00	18,972.00
26	Supplying & erecting CRCA sheet metal enclosures of 1.2mm thickness with 30 A, 3 pin plug & earth socket and 30A, 3 pin plug top with 30A triple pole MCB having rated short - circuit breaking capacity (Icn) 10kA complete erected on angle iron / GI frame.	18.00	Each	1817.00	32,706.00
27	Supplying & erecting triple pole and neutral distribution board (TPNDB), 3 pole/4 pole MCCB as incomer & outgoing SP MCB (24 poles) or TP MCB of 8 ways (24 poles), with door, 1.2mm thickness, surface/flush mounted, on iron/GI frame (vertical busbar type) as per specification no. SW-SWR/MCBDB1	1.00	Each	7791.00	7,791.00
28	Supplying & erecting triple pole and neutral distribution board (TPNDB), 3 pole/4 pole MCCB as incomer & outgoing SP MCB (36 poles) or TP MCB of 12 ways (36 poles), with door, 1.2mm thickness, surface/flush mounted, on iron/GI frame (vertical busbar type) as per specification no. SW-SWR/MCBDB1	2.00	Each	10240.00	20,480.00
29	Providing & erecting 4 Pole MCCB upto 100A, 415V, with short circuit rating 25 kA (Ics=100% of Icu),adjustable thermal (overload) setting and fixed magnetic setting with provided leads, provision for installation of shunt/ UV/ trip alarm contact and MCCB should have phase barriers both sides, in provided enclosure on iron /GI frame as per specification no. SW-SWR/MCCB	12.00	Each	6370.80	76,449.60
30	Supplying, fixing and commissioning 2 pole, RCBO 6/10/16/20/25A, with overcurrent, rated short-circuit breaking capacity (10 kA) and earth leakage protection, with 30/100/300 mA sensitivity and short circuit and earth leakage trip indication as per specification no SW-RCCB/RCBO	27.00	Each	2986.00	80,622.00
31	Supplying, fixing and commissioning 4 pole RCBO 6/10/16/20/25A, with overcurrent, rated short-circuit breaking capacity (10 kA) and earth leakage protection, with 30/100/300 mA sensitivity and short circuit and earth leakage trip indications per specification no SW-RCCB/RCBO	49.00	Each	3978.00	1,94,922.00
32	Supplying, fixing and commissioning 4 pole RCBO 32/40A, with overcurrent, rated short-circuit breaking capacity (10 kA) and earth leakage protection, with 30/100/300 mA sensitivity and short circuit and earth leakage trip indication as per specification no SW-RCCB/RCBO	34.00	Each	4047.00	1,37,598.00
33	Supplying and erecting metal work in CRCA sheet with fabrication of boxes, panel boards, etc. including cutting, bending, drilling, welding, riveting, treated with anti-rust treatment and duly powder coated or painted with one coat of red lead paint and 2 coats of enamel paint complete.	480.00	KG	249.00	1,19,520.00
34	Providing & erecting 4 Pole MCCB, 415V, 200A, rated short-circuit breaking capacity 25 kA (Ics=100% of Icu), adjustable thermal (overload) setting and adjustable magnetic setting with provided leads, provision for installation of shunt/UV/trip alarm contact and MCCB should have phase barriers both sides, with insulation withstand capacity 800V, no line-load bias in provided enclosure/panel as per specification no. SW-SWR/MCCB	6.00	Each	12724.80	76,348.80
35	Supplying and erecting terminal spreaders suitable for 4 pole, above 100A up to 250A MCCB (Set of 8)	1.00	SET	1164.00	1,164.00
36	Supplying and erecting extended rotary handle for MCCB with adjustable telescopic rod suitable for upto 250A MCCB complete.	1.00	Each	1255.00	1,255.00

Sr. No.	Items Description	Qty.	Unit	Rate	Amount
37	Supplying and erecting of any size electrolyte aluminium patti or bar in bus bar chamber / in panel or any other purpose, 500 V with require capacity 99.9% aluminium purity with E91E Grade as per IS 5082 & Current Density 0.8 A per sq. mm. with fixing arrangement (like lug or bottle type lug) to both the end with high grade polyolefin insulation sleeve complete as per specification no. BCPBB	260.00	KG	691.00	1,79,660.00
38	Supplying and erecting self-locking arrangement with keys in duplicate, made of brass of grade 1 compliance to IS 729-1979 duly erected, flush with surface of panel / cupboard	18.00	Each	290.00	5,220.00
39	Supplying and erecting panel mounting type digital ammeter having three and half digit LED display, external CT operated, calibrated for suitable to operate on 500V, 0 to 1000A AC supply with necessary PVC wire leads and lugs and mounting hardware on provided panel complete with calibration certificate from manufacturer.	2.00	Each	2034.00	4,068.00
40	Supplying and erecting panel mounting type digital voltmeter having three and half digit LED display, calibrated for 0 to 750V AC suitable to operate on 500V AC supply with necessary PVC wire leads and lugs and mounting hardware on provided panel complete with calibration certificate from manufacturer.	2.00	Each	1672.00	3,344.00
41	Supplying and erecting selector switch suitable for voltmeter/ammeter for 3 phase AC supply 500V, 50Hz, on provided box / panel and duly connecting with necessary PVC wire leads and lugs.	6.00	Each	334.00	2,004.00
42	Supplying and erecting LT current transformer with bar primary 50/5 to 1000/5 ratio with 15 VA burden erected in provided CRCA box duly secured with insulating materials connected to the meter with test certificates..	12.00	Each	1027.00	12,324.00
43	Supplying & erecting LED type indicating pilot lamp with LED colours red / yellow / green, 230 / 250V on provided box / panel with necessary material, wiring & connections etc.	12.00	Each	248.00	2,976.00
44	Supplying, installation & marking of surge arrestor/ surge protection device at the sub main distribution board after the incoming breaker of type 2 tested for I _{max} 40 kA for three phase and neutral with compliance to IEC 61643-11 as per specification no. CP-SPD	2.00	Each	8257.00	16,514.00
45	Supplying & erecting ready to use Retrofit T8 LED 18 / 20 tube light with polycarbonate body, heat sink, integrated HF electronic driver complete & compatible to T8 / T12 LED luminaire by disconnecting starter & ballast if necessary.	648.00	Each	187.00	1,21,176.00
46	Supplying and erecting LED square / circular Max. 18 W down lighter/ Panel Light having pressure die-cast aluminium housing, polystyrene diffuser having system lumens output of Min. 2000 Lumens, min. efficacy of 110 lumen/W, CRI>80, CCT upto 6500K, Beam Angle of 120 deg., max. ripple of 5%, THD<10%, p.f. >0.95, operating range of 120-270V, surge protection of 2.5 kV, Life class of 50,000 Hrs. at L70B50, including driver, having mounting arrangement with board for surface type or spring loaded mounting clips complete with 3 years warranty.	27.00	Each	1533.00	41,391.00
47	Supplying and erecting exhaust fan heavy duty 230 V, A.C. 50 cycles 375/380 mm. 900 RPM complete erected in position as per specification no. FG-FN/EXF	43.00	Each	3854.00	1,65,722.00
48	Supplying and erecting regular/ standard model ceiling fan of 1400mm. Sweep complete erected in position as per specification no. FG-FN/CF	240.00	Each	2275.00	5,46,000.00
49	Supplying and erecting electronic type step regulator for ceiling fan 600/ 900/ 1200/ 1400 mm. sweep, complete erected on provided switch board.	194.00	Each	206.00	39,964.00
50	Supplying & fixing anchor type fastener fan hook, with 2 nos. of 10 mm dia x 75 mm long with necessary materials for ceiling fan.	432.00	Each	103.00	44,496.00
51	Supplying and erecting fan hook box of 10 mm M.S. round bar bounded to the R.C.C. bars upto 50 mm length each side and pierced through a 16 S.W.G. thick aluminium/M.S. Bowl 100 mm dia. or equivalent square size and having depth upto 75 mm complete erected with duly painted by one coat of red oxide paint and two coats of paint erected in position and without any leakage of slurry of cement concrete on either side of the box and positioned to the bottom level of the slab	280.00	Each	176.00	49,280.00
52	Supplying and erecting 'B' class G.I. pipe / M.S. pipe down rod duly painted for fan complete erected with PVC three core flexible cable 1 sq. mm copper PVC wire.	432.00	Mtr	229.00	98,928.00
53	Supplying and laying (including excavation of suitable width & depth up to 90 cm) 50 mm outside dia. double wall corrugated pipes (DWC) of HDPE for enclosing cable below ground/road surface, to required depth complete.	690.00	Mtr	210.00	1,44,900.00
54	Supplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable 1100 V, 4 core 10 sq. mm. aluminium conductor complete erected with glands & lugs, on wall/ trusses/pole or laid in provided trench/ pipe as per specification no. CB-LT/AL	130.00	Mtr	181.00	23,530.00

Sr. No.	Items Description	Qty.	Unit	Rate	Amount
55	Supplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable 1100 V, 4 core 16 sq. mm. aluminium conductor complete erected with glands & lugs, on wall/ trusses/pole or laid in provided trench/ pipe as per specification no. CB-LT/AL	360.00	Mtr	211.00	75,960.00
56	Supplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable 1100 V, 4 core 35 sq. mm. aluminium conductor complete erected with glands & lugs, on wall/ trusses/pole or laid in provided trench/ pipe as per specification no. CB-LT/AL	290.00	Mtr	324.00	93,960.00
57	Supplying and erecting AC Three Phase Four wire Multifunction Energy Meter of Rating 10 - 60A, Class 1.0 with din rail / Panel mounting to measures and display parameters with RS485 Modbus communication port. mounting whole current operated meter to measures and display V, I, kWh, KVAh, KW, KVA, P.F, THD, RS 485 Communication port. Electrical parameters shall be available on com port with their mapping address open for third party software	2.00	Each	12074.00	24,148.00
58	Making M- 20 grade reinforced cement concrete foundation by considering the safe soil bearing capacity at site as 10 T/sq.m at 1.5 m depth including supply of steel, concrete, excavation and fixing provided nut bolts with the help of template, duly plastered as per design complete (for 6m to 8m high octagonal/conical GI pole).	60.00	Each	3684.00	2,21,040.00
59	Providing & erecting 6 m high (clear height) galvanised octagonal pole with foundation bolts having bottom of 130 mm A/F, top 70 mm A/F on provided foundation as per specification no. OH-PL/OPL	30.00	Each	15067.00	4,52,010.00
60	Supplying and erecting integrated LED street light fitting 40 to 50W IP65 & IK08 class having single piece pressure die-cast aluminium housing, having system lumens output of Min. 4400 Lumens, min. efficacy of 110 lumen/W, CRI>70, CCT upto 6500K, THD0.95, operating range of 140-270V, inbuilt surge protection of 10 kV, Life class of 50,000 Hrs. at L70B50, including driver complete with 3 Years warranty as per specification No FG-ODF/FLS2.	20.00	Each	4117.00	82,340.00
61	Providing and erecting galvanised 1000mm single arm sword type bracket with FRP dome and ball as per specification no. OH-PL/PBKT	60.00	Each	2718.00	1,63,080.00
62	Supplying and erecting outdoor stand mounted feeder pillar for high-mast of the same manufacturer with 63A TPN MCB incomer, 24hr astronomical time switch with minimum 5 Years battery backup, , IP 54 and IK10 protection, 45 A TP contactor for automatic switching of luminaires, 2 no 9A contactors and raise/lower push button, and provision for termination of adequate size of incoming and outgoing cables complete erected in min. 14 SWG CRCA sheet box powder coated with supporting angles, self lock, gasket and slanting top erected on CC foundation complete.	6.00	Job	32928.00	1,97,568.00
63	Supplying and erecting GI wire of high purity of required sizes used for earthing or any other purposes on wall with necessary G. I. Clamps fixed on wall/cable/ conduit with screws complete.	30.00	Kg	155.00	4,650.00
64	Providing earthing with galvanized iron earth plate size 60 x 60 x 0.6 cm with funnel with a wire mesh for watering and brick masonry block C.I. cover complete with all materials, testing & recording the results as per specification no.EA-EP	6.00	Each	6055.00	36,330.00
65	Providing pipe type earthing with 40mm. dia. G.I. pipe or 20 mm dia. G.I. Rod complete with all materials testing and recording the results as per specification no. EA-EP	30.00	Each	1500.00	45,000.00
66	Supplying and erecting GI strip of high purity required size used for earthing on wall and/or any other purpose with necessary GI clamps fixed on wall painted with bituminous paint with joints required. As per specification no EA-EP.	15.00	Kg	222.00	3,330.00
67	Supplying and erecting G.I. stay set for poles, including loop insulators at inaccessible height with anchor plate 300x300x6 mm., straining screws, G.I. stay wire 7/8 SWG, G.I. stay rod 20mmx1.8m length and pole clamps duly erected in provided cement concrete foundation complete.	60.00	Each	1825.00	1,09,500.00
68	Supplying, erecting & marking SPMCB 6A to 32A, B-series with rated short - circuit breaking capacity (Icn) 10kA in provided distribution board as per specification no. SW-SWR/MCB	20.00	Each	173.00	3,460.00
69	Supplying and laying (including excavation of suitable width & depth up to 90 cm) 50 mm outside dia. double wall corrugated pipes (DWC) of HDPE for enclosing cable below ground/road surface, to required depth complete.	600.00	Mtr	210.00	1,26,000.00
70	Supplying and erecting mains with 2x2.5 sq.mm FRLSH copper PVC insulated wire laid in provided conduit/trunking/inside pole/Bus bars or any other places. as per specification No: WG-MA/BW	100.00	Mtrs	264.00	26,400.00
71	Supplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable 1100 V, 2 core 10 sq. mm. aluminium conductor complete erected with glands & lugs, on wall/ trusses/pole or laid in provided trench/ pipe as per specification no. CB-LT/AL	360.00	Mtr	143.00	51,480.00

Sr. No.	Items Description	Qty.	Unit	Rate	Amount
72	Supplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable 1100 V, 4 core 6 sq. mm. aluminium conductor complete erected with glands & lugs, on wall/ trusses/pole or laid in provided trench/ pipe as per specification no. CB-LT/AL	300.00	Mtr	152.00	45,600.00
Total....Rs.					55,02,954.40

SHREE MAHALAXMI JAGDAMBA SANSTHAN KORADI						
Construction of Sewanand School Balance Building and Development of School Ground at Mahadualla, Koradi.						
Name of work :- Electrical work						
Measurement (Part-B)						
Sr. No.	Items Description				Qty.	Unit
1	Supplying and laying HMS PVC conduit FRLS grade 20 mm dia. With necessary accessories in RCC				750	Mtr
2	Making trench in soft soil having 0.75 m depth and minimum 0.3 m width for laying provided cables up to				100	Mtr
3	Point wiring for independent plug, concealed type in min 20 mm FRLSgrade HMS PVC conduit with 1.5				600	Point
4	Secondary point wiring for additional light/ bell point, concealed type inmin 20 mm FRLS grade PVC conduit				350	Point
5	Supplying and erecting modular type switch 6A /10A duly erected on provided plate and box with wiring				180	Each
6	Supplying and erecting modular type switch 16A duly erected on provided plate				94	Each
7	Supplying and erecting unbreakable concealed type modular switch box with double mounting plate for 12				180	Each
8	Supplying and erecting unbreakable concealed type modular switch box with double mounting plate for 8				180	Each
9	Supplying and erecting mains with 2x2.5 sq.mm FRLSH copper PVCinsulated wire laid in provided				320	Mtrs
10	Supplying and erecting mains with 2x4 sq.mm FRLSH copper PVC insulatedwire laid in provided				750	Mtrs
11	Supplying & erecting mains with 1x4.0 sq.mm H.F.F.R. copper PVC insulated wire laid in provided				510	Mtrs
12	Supplying and erecting mains with 4x4 sq.mm FRLSH copper PVC insulated wire laid in provided				510	Mtrs
13	Supplying and erecting mains with 4x6 sq.mm FRLSH copper PVC insulated wire laid in provided				150	Mtrs
14	Supplying & erecting mains with 1x6.0 sq.mm H.F.F.R. copper PVC insulated wire laid in provided				150	Mtrs
15	Supplying, erecting & marking SPMCB 6A to 32A, C-series with rated short - circuit breaking capacity (Icn)				150	Each
16	Supplying, erecting & marking SPMCB 6A to 32A, B-series with rated short - circuit breaking capacity (Icn)				150	Each
17	Supplying, erecting & marking TPMCB 6A to 32A, with rated short - circuit breaking capacity (Icn) 10kA in				85	Each
18	Supplying, erecting & marking TPMCB 40A to 63A, with rated short - circuit breaking capacity (Icn) 10kA in				48	Each
19	Supplying, erecting & marking FPMCB 40A to 63A, with rated short - circuit breaking capacity (Icn) 10kA in				27	Each
20	Supplying & erecting triple pole and neutral distribution board (TPNDB), SPMCB of 4 ways/phase (12 poles),				10	Each
21	Supplying & erecting triple pole and neutral distribution board (TPNDB), SPMCB of 8 ways / phase (24 poles),				12	Each
22	Supplying & erecting triple pole and neutral distribution board (TPNDB), SPMCB of 12 ways /phase (36 poles),				6	Each
23	Supplying & erecting triple pole and neutral distribution board (TPNDB), SP/TP MCBs total 4 ways /12 Poles,				16	Each
24	Supplying & erecting triple pole and neutral distribution board (TPNDB), SP/TP MCBs total 8 ways /24 poles,				6	Each
25	Supplying and erecting single pole and neutral distribution board (SPNDB), with 2 ways for incoming				18	Each
26	Supplying & erecting CRCA sheet metal enclosures of 1.2mm thickness with 30 A, 3 pin plug & earth socket				18	Each

Sr. No.	Items Description				Qty.	Unit
27	Supplying & erecting triple pole and neutral distribution board (TPNDB), 3 pole/4 pole MCCB as incomer &				1	Each
28	Supplying & erecting triple pole and neutral distribution board (TPNDB), 3 pole/4 pole MCCB as incomer &				2	Each
29	Providing & erecting 4 Pole MCCB upto 100A, 415V, with short circuit rating 25 kA (Ics=100% of Icu)				12	Each
30	Supplying, fixing and commissioning 2 pole, RCBO 6/10/16/20/25A, with overcurrent, rated short-circuit				27	Each
31	Supplying, fixing and commissioning 4 pole RCBO 6/10/16/20/25A, with overcurrent, rated short-circuit				49	Each
32	Supplying, fixing and commissioning 4 pole RCBO 32/40A, with overcurrent, rated short-circuit breaking				34	Each
33	Supplying and erecting metal work in CRCA sheet with fabrication of boxes, panel boards, etc. including				480	KG
34	Providing & erecting 4 Pole MCCB, 415V, 200A, rated short-circuit breaking capacity 25 kA (Ics=100% of				6	Each
35	Supplying and erecting terminal spreaders suitable for 4 pole, above 100A up to 250A MCCB (Set of 8)				1	SET
36	Supplying and erecting extended rotary handle for MCCB with adjustable telescopic rod suitable for upto				1	Each
37	Supplying and erecting of any size electrolyte aluminium patti or bar in bus bar chamber / in panel or				260	KG
38	Supplying and erecting self-locking arrangement with keys in duplicate, made of brass of grade 1 compliance				18	Each
39	Supplying and erecting panel mounting type digital ammeter having three and half digit LED display,				2	Each
40	Supplying and erecting panel mounting type digital voltmeter having three and half digit LED display,				2	Each
41	Supplying and erecting selector switch suitable for voltmeter/ammeter for 3 phase AC supply 500V, 50Hz,				6	Each
42	Supplying and erecting LT current transformer with bar primary 50/5 to 1000/5 ratio with 15 VA burden erected				12	Each
43	Supplying & erecting LED type indicating pilot lamp with LED colours red / yellow / green, 230 / 250V on				12	Each
44	Supplying, installation & marking of surge arrestor/ surge protection device at the sub main distribution				2	Each
45	Supplying & erecting ready to use Retrofit T8 LED 18 / 20 tube light with polycarbonate body, heat sink,				648	Each
46	Supplying and erecting LED square / circular Max. 18 W down lighter/ Panel Light having pressure die-cast				27	Each
47	Supplying and erecting exhaust fan heavy duty 230 V, A.C. 50 cycles 375/380 mm. 900 RPM complete				43	Each
48	Supplying and erecting regular/ standard model ceiling fan of 1400mm. Sweep complete erected in position as				240	Each
49	Supplying and erecting electronic type step regulator for ceiling fan 600/ 900/ 1200/ 1400 mm. sweep,				194	Each
50	Supplying & fixing anchor type fastener fan hook, with 2 nos. of 10 mm dia x 75 mm long with necessary				432	Each
51	Supplying and erecting fan hook box of 10 mm M.S. round bar bounded to the R.C.C. bars upto 50 mm				280	Each
52	Supplying and erecting 'B' class G.I .pipe / M.S. pipe down rod duly painted for fan complete erected with				432	Mtr
53	Supplying and laying (including excavation of suitable width & depth up to 90 cm) 50 mm outside dia. double				690	Mtr
54	Supplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable				130	Mtr
55	Supplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable				360	Mtr
56	Supplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable				290	Mtr

Sr. No.	Items Description				Qty.	Unit
57	Supplying and erecting AC Three Phase Four wire Multifunction Energy Meter of Rating 10 - 60A, Class				2	Each
58	Making M- 20 grade reinforced cement concrete foundation by considering the safe soil bearing				60	Each
59	Providing & erecting 6 m high (clear height) galvanised octagonal pole with foundation bolts having bottom of				30	Each
60	Supplying and erecting integrated LED street light fitting 40 to 50W IP65 & IK08 class having single piece				20	Each
61	Providing and erecting galvanised 1000mm single arm sword type bracket with FRP dome and ball as per				60	Each
62	Supplying and erecting outdoor stand mounted feeder pillar for high-mast of the same manufacturer with 63A				6	Job
63	Supplying and erecting GI wire of high purity of required sizes used for earthing or any other purposes				30	Kg
64	Providing earthing with galvanized iron earth plate size 60 x 60 x 0.6 cm with funnel with a wire mesh for				6	Each
65	Providing pipe type earthing with 40mm. dia. G.I. pipe or 20 mm dia. G.I. Rod complete with all materials				30	Each
66	Supplying and erecting GI strip of high purity required size used for earthing on wall and/or any other purpose				15	Kg
67	Supplying and erecting G.I. stay set for poles, including loop insulators at inaccessible height with anchor plate				60	Each
68	Supplying, erecting & marking SPMCB 6A to 32A, B-series with rated short - circuit breaking capacity (Icn)				20	Each
69	Supplying and laying (including excavation of suitable width & depth up to 90 cm) 50 mm outside dia. double				600	Mtr
70	Supplying and erecting mains with 2x2.5 sq.mm FRLSH copper PVC insulated wire laid in provided				100	Mtrs
71	Supplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable				360	Mtr
72	Supplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable				300	Mtr

SHREE MAHALAXMI JAGDAMBA SANSTHAN KORADI					
Construction of Sewanand School Balance Building and Development of School Ground at Mahadualla, Koradi.					
Name of work :- Electrical work					
Abstract (Part-B)					
Sr. No.	Items Description	Refer PWD Electrical CSR 2022-23	Rate	Unit	
1	Supplying and laying HMS PVC conduit FRLS grade 20 mm dia. With necessary accessories in RCC	1-1-8	99.00	Mtr	
2	Making trench in soft soil having 0.75 m depth and minimum 0.3 m width for laying provided cables up to	16-1-1	161.00	Mtr	
3	Point wiring for independent plug, concealed type in min 20 mm FRLS grade HMS PVC conduit with 1.5	1-7-8	781.00	Point	
4	Secondary point wiring for additional light/ bell point, concealed type in min 20 mm FRLS grade PVC conduit	1-7-22	204.00	Point	
5	Supplying and erecting modular type switch 6A /10A duly erected on provided plate and box with wiring	1-6-1	72.00	Each	
6	Supplying and erecting modular type switch 16A duly erected on provided plate	1-6-2	106.00	Each	
7	Supplying and erecting unbreakable concealed type modular switch box with double mounting plate for 12	1-6-40	523.00	Each	
8	Supplying and erecting unbreakable concealed type modular switch box with double mounting plate for 8	1-6-39	417.00	Each	
9	Supplying and erecting mains with 2x2.5 sq.mm FRLSH copper PVC insulated wire laid in provided	1-3-2	62.00	Mtrs	
10	Supplying and erecting mains with 2x4 sq.mm FRLSH copper PVC insulated wire laid in provided	1-3-3	89.00	Mtrs	
11	Supplying & erecting mains with 1x4.0 sq.mm H.F.F.R. copper PVC insulated wire laid in provided	1-3-3 Note-3	44.50	Mtrs	
12	Supplying and erecting mains with 4x4 sq.mm FRLSH copper PVC insulated wire laid in provided	1-3-3 Note-1	178.00	Mtrs	
13	Supplying and erecting mains with 4x6 sq.mm FRLSH copper PVC insulated wire laid in provided	1-3-4 Note-1	264.00	Mtrs	
14	Supplying & erecting mains with 1x6.0 sq.mm H.F.F.R. copper PVC insulated wire laid in provided	1-3-4 Note-3	66.00	Mtrs	
15	Supplying, erecting & marking SPMCB 6A to 32A, C-series with rated short - circuit breaking capacity (Icn)	5-3-2	174.00	Each	
16	Supplying, erecting & marking SPMCB 6A to 32A, B-series with rated short - circuit breaking capacity (Icn)	5-3-3	173.00	Each	
17	Supplying, erecting & marking TPMCB 6A to 32A, with rated short - circuit breaking capacity (Icn) 10kA in	5-3-10	751.00	Each	
18	Supplying, erecting & marking TPMCB 40A to 63A, with rated short - circuit breaking capacity (Icn) 10kA in	5-3-11	992.00	Each	
19	Supplying, erecting & marking FPMCB 40A to 63A, with rated short - circuit breaking capacity (Icn) 10kA in	5-3-13	1329.00	Each	
20	Supplying & erecting triple pole and neutral distribution board (TPNDB), SPMCB of 4 ways/phase (12 poles),	5-4-1	2356.00	Each	
21	Supplying & erecting triple pole and neutral distribution board (TPNDB), SPMCB of 8 ways / phase (24 poles),	5-4-2	3380.00	Each	
22	Supplying & erecting triple pole and neutral distribution board (TPNDB), SPMCB of 12 ways /phase (36 poles),	5-4-3	4609.00	Each	
23	Supplying & erecting triple pole and neutral distribution board (TPNDB), SP/TP MCBs total 4 ways /12 Poles,	5-4-4	4650.00	Each	
24	Supplying & erecting triple pole and neutral distribution board (TPNDB), SP/TP MCBs total 8 ways /24 poles,	5-4-5	5696.00	Each	
25	Supplying and erecting single pole and neutral distribution board (SPNDB), with 2 ways for incoming	5-4-7	1054.00	Each	
26	Supplying & erecting CRCA sheet metal enclosures of 1.2mm thickness with 30 A, 3 pin plug & earth socket	5-4-12	1817.00	Each	

Sr. No.	Items Description	Refer PWD Electrical CSR 2022-23	Rate	Unit
27	Supplying & erecting triple pole and neutral distribution board (TPNDB), 3 pole/4 pole MCCB as incomer &	5-4-16	7791.00	Each
28	Supplying & erecting triple pole and neutral distribution board (TPNDB), 3 pole/4 pole MCCB as incomer &	5-4-17	10240.00	Each
29	Providing & erecting 4 Pole MCCB upto 100A, 415V, with short circuit rating 25 kA (Ics=100% of Icu)	5-5-1 NOTE-1	6370.80	Each
30	Supplying, fixing and commissioning 2 pole, RCBO 6/10/16/20/25A, with overcurrent, rated short-circuit	5-6-9	2986.00	Each
31	Supplying, fixing and commissioning 4 pole RCBO 6/10/16/20/25A, with overcurrent, rated short-circuit	5-6-12	3978.00	Each
32	Supplying, fixing and commissioning 4 pole RCBO 32/40A, with overcurrent, rated short-circuit breaking	5-6-13	4047.00	Each
33	Supplying and erecting metal work in CRCA sheet with fabrication of boxes, panel boards, etc. including	6-1-1	249.00	KG
34	Providing & erecting 4 Pole MCCB, 415V, 200A, rated short-circuit breaking capacity 25 kA (Ics=100% of	5-5-2	12724.80	Each
35	Supplying and erecting terminal spreaders suitable for 4 pole, above 100A up to 250A MCCB (Set of 8)	5-11-7	1164.00	SET
36	Supplying and erecting extended rotary handle for MCCB with adjustable telescopic rod suitable for upto	5-11-14	1255.00	Each
37	Supplying and erecting of any size electrolyte aluminium patti or bar in bus bar chamber / in panel or	6-2-11	691.00	KG
38	Supplying and erecting self-locking arrangement with keys in duplicate, made of brass of grade 1 compliance	6-1-20	290.00	Each
39	Supplying and erecting panel mounting type digital ammeter having three and half digit LED display,	6-3-7	2034.00	Each
40	Supplying and erecting panel mounting type digital voltmeter having three and half digit LED display,	6-3-8	1672.00	Each
41	Supplying and erecting selector switch suitable for voltmeter/ammeter for 3 phase AC supply 500V, 50Hz,	6-5-1	334.00	Each
42	Supplying and erecting LT current transformer with bar primary 50/5 to 1000/5 ratio with 15 VA burden erected	6-5-2	1027.00	Each
43	Supplying & erecting LED type indicating pilot lamp with LED colours red / yellow / green, 230 / 250V on	6-5-5	248.00	Each
44	Supplying, installation & marking of surge arrestor/ surge protection device at the sub main distribution	6-6-6	8257.00	Each
45	Supplying & erecting ready to use Retrofit T8 LED 18 / 20 tube light with polycarbonate body, heat sink,	2-8-15	187.00	Each
46	Supplying and erecting LED square / circular Max. 18 W down lighter/ Panel Light having pressure die-cast	2-1-5(New)	1533.00	Each
47	Supplying and erecting exhaust fan heavy duty 230 V, A.C. 50 cycles 375/380 mm. 900 RPM complete	2-10-16	3854.00	Each
48	Supplying and erecting regular/ standard model ceiling fan of 1400mm. Sweep complete erected in position as	2-10-3	2275.00	Each
49	Supplying and erecting electronic type step regulator for ceiling fan 600/ 900/ 1200/ 1400 mm. sweep,	2-11-9	206.00	Each
50	Supplying & fixing anchor type fastener fan hook, with 2 nos. of 10 mm dia x 75 mm long with necessary	2-11-2	103.00	Each
51	Supplying and erecting fan hook box of 10 mm M.S. round bar bounded to the R.C.C. bars upto 50 mm	2-11-5	176.00	Each
52	Supplying and erecting 'B' class G.I .pipe / M.S. pipe down rod duly painted for fan complete erected with	2-11-6	229.00	Mtr
53	Supplying and laying (including excavation of suitable width & depth up to 90 cm) 50 mm outside dia. double	7-6-9	210.00	Mtr
54	Supplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable	7-1-28	181.00	Mtr
55	Supplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable	7-1-29	211.00	Mtr
56	Supplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable	7-1-31	324.00	Mtr

Sr. No.	Items Description	Refer PWD Electrical CSR 2022-23	Rate	Unit
57	Supplying and erecting AC Three Phase Four wire Multifunction Energy Meter of Rating 10 - 60A, Class	6-3-19 (New)	12074.00	Each
58	Making M- 20 grade reinforced cement concrete foundation by considering the safe soil bearing	16.3.9	3684.00	Each
59	Providing & erecting 6 m high (clear height) galvanised octagonal pole with foundation bolts having bottom of	8.2.12	15067.00	Each
60	Supplying and erecting integrated LED street light fitting 40 to 50W IP65 & IK08 class having single piece	2.4.4	4117.00	Each
61	Providing and erecting galvanised 1000mm single arm sword type bracket with FRP dome and ball as per	8.2.21	2718.00	Each
62	Supplying and erecting outdoor stand mounted feeder pillar for high-mast of the same manufacturer with 63A	8.2.24	32928.00	Job
63	Supplying and erecting GI wire of high purity of required sizes used for earthing or any other purposes	9.2.5	155.00	Kg
64	Providing earthing with galvanized iron earth plate size 60 x 60 x 0.6 cm with funnel with a wire mesh for	9.1.3	6055.00	Each
65	Providing pipe type earthing with 40mm. dia. G.I. pipe or 20 mm dia. G.I. Rod complete with all materials	9.1.4	1500.00	Each
66	Supplying and erecting GI strip of high purity required size used for earthing on wall and/or any other purpose	9.2.3	222.00	Kg
67	Supplying and erecting G.I. stay set for poles, including loop insulators at inaccessible height with anchor plate	8.6.2	1825.00	Each
68	Supplying, erecting & marking SPMCB 6A to 32A, B-series with rated short - circuit breaking capacity (Icn)	5.3.3	173.00	Each
69	Supplying and laying (including excavation of suitable width & depth up to 90 cm) 50 mm outside dia. double	7.6.9	210.00	Mtr
70	Supplying and erecting mains with 2x2.5 sq.mm FRLSH copper PVC insulated wire laid in provided	1.3.2	264.00	Mtrs
71	Supplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable	7.1.6	143.00	Mtr
72	Supplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable	7.1.27	152.00	Mtr