

TENDER SCHEDULE

Name of the Work :- Const. of Additional Class room at L.N High School Jhirdapall , GP- Jhirdapali under Bonaigarh Block

	Estimated Cost	=	₹ 12,83,821		
	EMD to be deposited	=	₹ 13,000.00		
	Time of Completion	=	6 months		
	Cost of Tender paper	=	6000		
	Eligibility & Class of Contractor	=	C & D Class		
Sl. No.	Description of work	Unit	No.or Qty.	Rate in Figures	Amount
1	2	3	4	5	6
A. CONSTRUCTION OF ACR BUILDING					
1	Earthwork in excavation of foundation in hard soil mixed with gravels including dressing and levelling the bed up to the required depth & removing the excavated earth & depositing the same away from the work site within initial lead of 50 mtr & initial lift of 1.5 mtr, including cost of labour T&P articles required for the work including shoring, shuttering, propping & dewatering if required, etc. complete in all respect as per the specification & direction of the Engineer-in-Charge.	Cum	43.400	₹ 269.70	₹ 11,705.00
2	Supplying, filling in foundation and plinth with sand including watering and ramming, including cost, conveyance, royalties, taxes of the materials and labour with T&P required for the work etc. complete as directed by the Engineer-in-Charge	Cum	32.840	₹ 599.20	₹ 19,678.00
3	Cement Concrete (1:3:6) using 40mm size hard granite metal (C.B.) approved quality from approved quarry including hoisting laying including cost, carriage, royalty, cost of labour T.&P. etc complete	Cum	12.970	₹ 6,432.20	₹ 83,426.00
4	Fly ash Brick masonry using good fly ash bricks of size 23 cm. x 11 cm. x 8 cm. having crushing strength not less than 75 kg. Per Sqr. Cm.with dimensional tolerance upto 2 % in cement mortar of mix (1:6) in foundation and plinth including splays cutting, circular moulding, corbelling, chamfering and similar such type of works, watering and curing etc. including cost, conveyance, loading, unloading, royalties and taxes of all materials, cost of all labour, scaffolding, sundries, T&P required for the works etc. complete in all respect as directed by the Engineer-in-charge.	Cum	12.640	₹ 5,490.80	₹ 69,404.00
5	Fly ash Brick masonry using good fly ash bricks of size 23 cm. x 11 cm. x 8 cm. having crushing strength not less than 75 kg. Per Sqr. Cm.with dimensional tolerance upto 2 % in cement mortar of mix (1:6) in Super Structure including splays cutting, circular moulding, corbelling, chamfering and similar such type of works, watering and curing etc. including cost, conveyance, loading, unloading, royalties and taxes of all materials, cost of all labour, scaffolding, sundries, T&P required for the works etc. complete in all respect as directed by the Engineer-in-charge.	Cum	17.590	₹ 5,524.20	₹ 97,171.00
6	R.C.C. work of M-20 having minimum compressive strength (in work test) 200kg./cm ² in 15cm cubes at 28 days after mixing and test conducted in accordance with I.S. 456 and I.S. 516 using 12mm to 20mm size (1/4" to 3/4") crusher broken hard black granite chips of 20mm size (not to exceed 25%) of approved quality & from approved quarry including hoisting, lowering, laying and compacting concrete with vibrator, watering and curing for 28 days, cost of rigid and smooth centering & shuttering and finishing to exposed surface smooth providing, grooves or beads wherever necessary as per direction of the Engineer-in-charge including cost, conveyance, royalties & taxes of all materials and cost of all labour, T&P etc. as required for the work complete in all respects as per direction of Engineer-in-charge but excluding cost of M.S. rod/Tor steel and binding wires and labour charges for bending, binding and tying the grills etc complete as drawing design and direction of Engineer-in-charge.	Cum	28.140	₹ 6,477.60	₹ 1,82,280.00
7	Providing MS reinforcement for RCC work including cutting, bending, binding and tying the grill and placing in position including cost of binding wire 18 to 20 gauge and cost & carriage of steel etc.complete.	Qntl	26.450	₹ 8,566.60	₹ 2,26,587.00
8	Rigid smooth centering and shuttering for RCC work including false work and dismantling them after casting.				
a.	Column Base footing	Sqm	11.910	₹ 247.50	₹ 2,948.00

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b.	Plinth Band	Sqm	13.600	₹ 247.50	₹ 3,366.00
c.	Lintel Band	Sqm	26.600	₹ 570.00	₹ 15,162.00
d.	Column & Beam	Sqm	41.840	₹ 1,186.80	₹ 49,656.00
e.	Roof slab, chhaja	Sqm	103.500	₹ 754.30	₹ 78,070.00
9	Providing 12mm thick cement plaster to the outside surface of brick masonry wall with cement mortar (1:6) including racking out joints, scraping and cleaning the surface and finishing the plaster surface smooth using wooden floats only to proper plumbs and levels as per drawings including cost of all materials, conveyance, loading and unloading, all taxes and royalties, all labour, scaffolding, watering and curing, sundries and T&P etc. complete as per direction of the Engineer-in-charge	Sqm	120.470	₹ 182.90	₹ 22,034.00
10	Providing 16mm thick cement plaster to the inside surface of brick masonry wall with cement mortar (1:6) including racking out joints, scraping and cleaning the surface and finishing the plaster surface smooth using wooden floats only to proper plumbs and level as per drawings including cost of all materials, conveyance, loading and unloading, all taxes and royalties, all labour, scaffolding, watering and curing, sundries and T&P etc. complete as per specification and direction of the Engineer-in-charge.	Sqm	133.840	₹ 264.50	₹ 35,401.00
11	6 mm thick cement plaster (1:4) to RCC surfaces finished smooth including closed deep chipping and slurry treatment, watering, curing cost, carriage, royalty, and taxes of all materials, cost of all labour, T&P etc complete as per the direction of E.I.C.	Sqm	60.010	₹ 205.70	₹ 12,344.00
12	Supplying, fitting and fixing vitrified tile (Printed) in floors of size 600mm x 600mm of approved make conforming to IS : 13755 laid on 20 mm thick cement mortar (1:4) (1 cement : 4 course sand) and filling joints with white cement of approved quality including cost of all materials, labour T&P etc. required for the work all complete as per direction of E.I.C.	Sqm	60.010	₹ 1,181.30	₹ 70,890.00
13	Fixing Vitrified tiles (size 600mmx600mm) (Printed) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the tiles including cost, carriage, cost of all labour etc. complete.	Sqm	3.530	₹ 1,312.00	₹ 4,631.00
14	Supplying, fitting and fixing Industrial Vitrified tile in floors of size 300mm x 300mm of approved make conforming to IS : 4457 laid on 20 mm thick cement mortar (1:4) (1 cement : 4 course sand) and filling joints with white cement of approved quality including cost of all materials, labour T&P etc. required for the work all complete as per direction of E.I.C. (For New work only)	Sqm	18.580	₹ 1,044.90	₹ 19,414.00
15	2.5cm thick grading concrete (1:2:2) on roof slab with 6mm size hard crusher broken granite chips on new work including watering curing cost of all materials, water-proofing compounds, T. & P. required for the works etc complete.	Sqm	79.300	₹ 393.80	₹ 31,228.00
16	Priming 1 coat to M.S. doors and Windows including all labour, materials, T&P etc. complete.	Sqm	18.020	₹ 73.30	₹ 1,321.00
17	Painting 2 coats with any approved paint in iron works including sand papering, polishing surfaces, cost of paints, cost of all labour, T&P, etc complete in all floors as per direction of E.I.C.	Sqm	18.020	₹ 181.40	₹ 3,269.00
18	Finishing surface of walls with Cement based wall putty & making smooth to receive painting including cost of scaffolding etc. with cost of all materials, labour T&P etc. complete.	Sqm	314.320	₹ 89.60	₹ 28,163.00

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19	Priming 1 coat with wall primer water bond cement primer including all labour, materials, T&P etc. complete.	Sqm	314.320	₹ 79.00	₹ 24,831.00
20	Finishing to the exposed surfaces of wall with weather coat of any approved shade on new work 2 coats to give an even shade including cost of weather coat all cost of all labours and T&P etc. complete .	Sqm	120.470	₹ 95.70	₹ 11,529.00
21	Wall painting 2 coats with plastic emulsion paint of approved shade on new work to give an even shade including cost of paint etc complete.	Sqm	193.850	₹ 102.60	₹ 19,889.00
22	Supplying,fitting and fixing steel Angle iron door and windows as per approved design and drawing including all cost of material and labour etc complete as per direction of Engineer in charge.	Kg	145.800	₹ 87.88	₹ 12,813.00
23	Supply and fixing of G.I Pressed G.I Door assembly with polymer powder coated including the cost of all material and fitting etc.complete	Sqm	4.410	₹ 7,000.00	₹ 30,870.00
24	Fitting, fixing of iron doors / windows shutter with frame of approved design and size with all labour and T&P required for the wok etc complete as per the direction of the Engineer-in-charge.	Sqm	7.650	₹ 94.30	₹ 721.00
25	Supplying, fitting and fixing of stainless steel of 304 grade in hand railing using 50 mm dia of 2 mm thick circular pipe with Balustrade of size 32 mm x 32mm x 2mm @ 0.90 mtr C/C and stainless aquare pipe bracing of size case as per approved design and specification, buffing, polishing etc. with the cost, conveyance taxes of all material, cost of all labour etc. complete in all respect. (in all floor)	Rmt	20.400	₹ 3,112.70	₹ 63,499.00
					₹ 12,32,300.00
ELECTRIFICATION					
26	Recessed wiring to Light Point / Fan Point / Exhaust Fan Point / Call Bell Point with 1.50 sq. mm FR PVC insulated Single Core Multi standard Copper Conductor of ISI marked with 20 mm dia non-metallic PVC flexible conduit with 5 Amp, 250 Volt piano type swich ISI marked and ceiling rose ISI marked mounted on MS box having front bakelite cover of suitable size, MS box with 1.0 sq. mm FR PVC insulated Single Core Multi standard Copper Conductor of ISI marked as earth wire including all accesories and connection as per direction of engineer in charge. (Make of wire Finolex / L&T / Anchor / Hevels / V Guard)				
	a) Light point				
	Long	Nos	2.00	₹ 1,081.87	₹ 2,164
	Midium	Nos	2.00	₹ 744.89	₹ 1,490
	Short	Nos	0.00	₹ 459.29	₹ 0
	b) Celling fan point				₹ 0
	Long	Nos	2.00	₹ 1,298.92	₹ 2,598
	Midium	Nos	2.00	₹ 961.94	₹ 1,924
	Short	Nos	0.00	₹ 676.34	₹ 0
	c) 5 A plug point	Nos	2.00	₹ 467.51	₹ 935
27	Recessed wiring for 15 / 16 Amp socket outlet with 2 X 4.00 sq. mm FR PVC insulated Single Core Multi standard Copper Conductor of ISI marked with 20 mm dia non-metallic PVC flexible conduit with 5 Amp, 250 Volt piano type swich ISI marked, Phenolic laminated sheet of suitable size ISI marked MS box and earthing point with 1 X 2.50 sq. mm FR PVC insulated Single Core Multi standard Copper Conductor for loop earthing etc. as required, as per direction of engineer in charge. (Make of wire Finolex / L&T / Anchor / Hevels / V Guard)	Nos	2.00	₹ 616.75	₹ 1,234
28	Recessed wiring to Sub-Main in 2 X 2.50 sq. mm FR PVC insulated Single Core Multi standard Copper Conductor of ISI marked with 20 mm dia non-metallic PVC heavy duty flexible conduit with 1.60 mm thick, along with 1 X 1.50 sq. mm FR PVC insulated Single Core Multi standard Copper Conductor as earth wire as required as per direction of Engineer-in-Charge. (Make of wire Finolex / L&T / Anchor / Hevels / V Guard)	metre	7.32	₹ 165.61	₹ 1,211
29	Recessed wiring to Sub-Main in 2 X 4.00 sq. mm FR PVC insulated Single Core Multi standard Copper Conductor of ISI marked with 25 mm dia non-metallic PVC heavy duty flexible conduit with 1.60 mm thick, along with 1 X 2.50 sq. mm FR PVC insulated Single Core Multi standard Copper Conductor as earth wire as required as per direction of Engineer-in-Charge. (Make of wire Finolex / L&T / Anchor / Hevels / V Guard)	metre	7.32	₹ 186.78	₹ 1,366

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