

TENDER SCHEDULE

TENDER INVITING AUTHORITY-BLOCK DEVELOPMENT OFFICER ,KUARMUNDA

NAME OF WORK :- "CONSTRUCTION OF AWC BUILDING AT NUATOLA OF KHUKHUNDUBAHAL GP

Bidder
Name

Less(-)

%

SCHEDULE OF WORKS

SL.No	Description of item	Quantity	Unit	Rate (Rs)	Amount (Rs)
1	2	3	4	5	6
1	Earthwork in excavation in foundation in hardsoil within initial lead and lift including rough dressing and breaking clods to max 5cm to 7cm and laying in layers not exceeding 0.30m in depth etc complete	55.960	Cum	126.70	7090.13
2	Filling foundation and plinth with sand well watered and rammed etc complete	36.93	Cum	329.22	12158.09
3	Cement Concrete (1:3:6) using 40mm size HBG metal including Cost,Coveyance, royalty etc complete	18.660	Cum	3601.86	67210.71
4	C.C (1:2:4) with 12mm and down grade C.B Chips approved quality from approved quarry including hoisting, laying hire charges of concrete mixture, vibrator	2.53	Cum	4690.29	11866.43
5	RCC work for M-20 using 20mm and down graded h.g chips with cost,conveyance and royalty etc.complete	29.560	Cum	4039.57	119409.69
6	Labour charges forreinforcement for Rcc works includingcutting,bending,binding &tying the grills placing in position including cost of binding wire 18 to20mm gauge & cost of MS rod.	28.208	Qntl	6174.59	174172.83
7	2.5 cm thick grading concrete with C.C (1:2:2)with 6mm hg chips	59.41	Sqm	219.95	13067.23
8	Fly Ash brick masonry in CM(1:6) in using 23cmx11cmx8cm size brick including cost,conveyance,taxes,royalty labour & T&P etc complete. A- foundation	21.670	Cum	3392.7	73519.81
9	Fly Ash brick masonry in CM(1:6) in using 23cmx11cmx8cm size brick including cost,conveyance,taxes,royalty labour & T&P etc complete. B- Super structure	47.034	Cum	3425.7	161124.37
10.A	Rigid smooth centering &shuttering for R.C.C Work including false work &dismantaling then after casting including cost of material complete-slab/chajja/Balcony	70.15	Sqm	325.94	22864.69
10.B	Rigid smooth centering &shuttering for R.C.C Work including false work &dismantaling then after casting including cost of material complete-Foundation and plinth	95.78	Sqm	84.41	8084.79
10 C	Rigid smooth centering &shuttering for R.C.C Work including false work &dismantaling then after casting including cost of material complete-Beam and Column	65.05	Sqm	517.62	33671.18
10 D	Rigid & smooth centering & shuttering for Rcc work including False work & dismantling then after casting including cost of material complete. B-lintel	13.59	Sqm	209.37	2845.34

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11	6 MM thick Cement plaster (1:4) over RCC with close deep chipping including cost convenience	59.380	Sqm	104.77	6221.24
12	20mm thick cement plaster in cement mortar (1:3) over brick masonry including	218.19	Sqm	134.2	29281.10
13	20mm thick cement plaster in cement mortar (1:3) over brick masonry including	212.72	Sqm	94.1	20016.95
14	Fixing of vitrified printed Tiles 600x 600 in floors,tread or steps and landing on 20mm thick C.M(1:4) jointed with cement slurry mixed with pigment to match the shades including cost of rubbing,polishing	40.01	Sqm	854.73	34197.75
15 A	Pre fabricated M.S door>window,grill& Ventilator	918.42	Kg	57.40	52717.31
15 B	SS Railing	6.2	Rmt	3402.14	21093.27
16	Fixing of vitrified printed Tiles 600x 600 in floors,tread or steps and landing on 20mm thick C.M(1:4) jointed with cement slurry mixed with pigment to match the shades including cost of rubbing,polishing	4.55	Sqm	854.73	3889.02
17	Fixing Colour Galzed tiles in walls on 12mm thick Cement plaster (1:3) jointed with neat cement slurry mixedwith pigment to match the shades	34.34	Sqm	614.19	21091.28
18	Fixing Chequered in floors treads or steps and landing steps on 20mm thick bed of Cement Motar (1:4) jointed with neat cement slurry	41.78	Sqm	275.74	11520.42
19	Labour for fitting,fixing pre fabricated M.S Door>window,Grill etc complete	19.63	Sqm	59.40	1166.02
20	Finishing wall surface with Acrylic wall putty(water based)of approved make and finished smooth and even surface to receive painting including cost of scaffolding	243.73	Sqm	75.19	18326.06
21	priming one coat with all primer water bond cement primer including all labour,material,T&P etc.complete	243.73	Sqm	37.58	9159.37
22	Wall painting with two coats plasticemulsion paint of Approved shade on new work	163.88	Sqm	57.19	9372.30
23	Finishing to the exposed surface 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 labours and T&P	326.41	Sqm	51.58	16836.23
24	Painting Two coats with approved paint over one coat priming over M.S Door>window and grill,ventillator	53.38	sqm	90.30	4820.21
25	Construction of Black Board including colouring boarder complete in all respect	9.33	sqm	300.00	2799.00
26	Cost of RCC sign board with writeing charges with DMF Drawing and Colour				5000.00
27	12mm thick cement plaster in cement mortar (1:4) over brick masonry with neat cement punning	14.6	Sqm	109.88	1604.25

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SL.No	Description of item	Quantity	Unit	Rate (Rs)	Amount (Rs)
Boring					
1	Labour for drilling & perfectly vertical bore hole of specified dia for a specified depth below ground level through consolidated and unconsolidated Rock with down the hole Hammer drilling rigs or combination drilling rigs as required to suit the site conditions as per the direction of Engineer-in-charge including use of own Rigs with its accessories T&P and consumable etc. for lowering of 125 mm dia PVC pipes/ G.I. pipes for hoisting fitted with socket and with or without well screens as per the necessity for the soft, medium and hard formation (PVC/GI pipes casing pipes if required to prevent collapse or the over burden is to be provided by the contractor including lowering and with drawing after completion of the tube well.				
	125mm dia 00 mtr. To 100 mtr	100	Mtr	485.00	48500.00
2	Lowering the following size G.I/PVC pipes with or without slotted pipes as per the necessity from G.I. up to 30 mtr. Depth and fitted and fixed up imperfectly vertical position, including cutting and threading pipes and slotted pipe and supplying and fixing all joining materials, T&P etc. complete and keeping the top of the casing pipe threaded including plugging tube wells to prevent entry of foreign matters from above.				
	125mm dia PVC Casing pipe	30	Mtr	72.00	2160.00
3	Cleaning and developing the tube well with their own compressor continuously worked till clear and adequate discharge is obtained from the tube well including supply and use of all necessary equipments and labours as per the direction of Engineer-in-charge.				
	(a) For one tube well	1	Each	2000.00	2000.00
	Cost of Materials				
4	125 mm dia PVC Casing pipe (Sch 80)	30	Mtr	568.10	17043.00
5	Supply fitting fixing and installation of 1 Hp Submersible Pump with all respective like (PVC pipe, Cable, Electric Panel, Row Boring, Cap etc)	1	Nos	20000	20000.00

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SL.No	Description of item	Quantity	Unit	Rate (Rs)	Amount (Rs)
Electrical					
	Recessed wiring to Light/Fan/Exhaust fan with 1.5 sq.mm FR PVE insulated single core multistrand copper conductor of ISI marked with 20 mm dia non-metalic PVC flexible conduct with 5 Amp, 250 V piano type switch ISI marked and ceiling rose ISI marked mounted on MS box having front bakelite cover of suitable size,MS box with 1.5 sq.mm FR PVC insulated single core multistrand copper conductor as earth wire including all accesories and connection as per direction of Engineer in Charge.(Make of wire finolex/L&T/Anchor/Havels/V gourd).				
1	(a) Group-A	10	Each	308.05	3080.5
2	(b) Group-B	8	Each	474.7	3797.6
3	(C) Group-C	5	Each	675.69	3378.45
4	Recessed wiring to 5/6amp plug point with 1.5 sq.mm FR PVC insulated singal core multistrand copper conductor of PVC insulated single core multistrand copper conductor of ISI marked with 20mm dia non-metalic PVC flexible conduit with 5Amp,250V Modular type switch ISI marked and ceiling rose ISI marked mounted on MS box having front bakelite cover of suitable size,MS box with 1.5 sq.mm FR PVC insulated single core multistrand copper conductor as earth wire including all accesories and connection as per direction of Engineer in Charge.(Make of wire finolex/L&T/Anchor/Havels/V gourd).	3	Each	177.76	533.28
5	S/F of 5/6A Switch & 3Pin 5/6A Socket to Existing Board	3	Each	75.75	227.25
6	Circuit sub main wiring in PVC conduit.				0
7	2 x 1.5 sq.mm + 1 x 1.5 sq.mm Multi stand copper wire (FOR INVERTER)	35	Mtr	106.45	3725.75
8	2 x 4 sq.mm + 1 x 1.5 sq.mm Multi stand copper wire	20	Mtr	148.17	2963.4
9	S/F of Bikangle Holder without bulb.	10	Nos	44.44	444.4
10	S/F of 1x28 W T-5 box type fitting complete with tube (Bajaj/ Havels)	6	Nos	1033.23	6199.38
11	S/F of Electronic Fan Regulator	3	Nos	333.30	999.9
12	Supply of A.C Ceiling Fan (Usha/Bajaj) 48" Size	3	Nos	2286.00	6858
13	Earthing with G.I. earth pipe 3 metre long 40 mm dia ISI marked including accessories and providing masonry with cover plate having locking arrangment and watering pipe with charcoal and salt as required.	1	Nos	2359.36	2359.36
14	S/F of 6 Nos. of MCB on 6 way MS Box (Bajaj/ Havels)	1	Nos.	2125.04	2125.04
15	S/F of Exhaust fan 12" Heavy Duty (Usha/Bajaj/ Havels)	2	Nos	1850.32	3700.64
16	S/F of 18wt LED BULB (Bajaj/ Havels)	2	Nos	350.00	700
17	S/F of 45 wt LED street Light Fitting (Bajaj/ Havels)	1	Nos	7878.00	7878
18	S/F of Portico Light Make:- Havels/Philips	1	nos	1484.6	1484.6
19	Supply & layng of 6 SWG GI wire l recess fo loop earthi	16	mtr	37.37	597.92

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SL.No	Description of item	Quantity	Unit	Rate (Rs)	Amount (Rs)
20	S/f of 5 to 32 Amp rating 230 V B Series MCB for lighting & other loads in the existing MCB distribution board ISI mark completed with connection , testing & comissioning etc as per requirement	4	Nos	314.00	1256
21	S/F of 15 Amp power point MS box	4	Nos.	260.58	1042.32
SANITARY FITTINGS AND PLUMBING ESTIMATE					
1	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work including cutting chases and making good the walls etc.,				
	15mm nominal outer dia .Pipes.	20	Rm	102.07	2041.4
	20 mm nominal outer dia .Pipes.	20	Rm	120.56	2411.2
	25 mm nominal outer dia .Pipes.	30	Rm	154.36	4630.8
2	Providing and fixing unplasticised Rigid PVC soil and waste pipes conforming to IS: 13592 Type B including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion. Single socketed pipes for working pressure of 4 kg/sqcm.				0
	110mm diameter (minimum wall thickness 3.2mm)	20	Rm	253.20	5064
3	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI: 12701 marked with cover and suitable litre locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank	1000	Ltr	6	6000.00
4	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing:				
	600mm x 450 mm size bevelled edge mirror mounted on Ply wood	1	Nos	222.40	222.4
5	10.0 Ltrs capacity PVC LL cystem. (Coloured - Paryware/Hind ware/ Cera)	2		918.50	1837.00
6	Providing and fixing wash basin with CI brackets, 15 mm CP brass pillar taps, 32 mm CP brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require :				
	Wash Hand Basin - 550 mm x 400mm (White - Paryware/Hind ware/ Cera)	2	EACH	1083.80	2167.6
7	Stainless steel Kitchen Sink(600x450x250)	1	EACH	1037.70	1037.7
8	100 mm C.P round Grating	1	EACH	37.80	37.8

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SL.No	Description of item	Quantity	Unit	Rate (Rs)	Amount (Rs)
9	15 mm dia Brass Stop Cock	2	EACH	264.50	529
10	15 mm dia Brass Bib Cock	4	EACH	355.00	1420
11	15 mm dia C.P long body Bib Cock (Of approved make)	2	EACH	649.70	1299.4
12	Semi Rigid PVC waste pipe for sink and wash basin 32 mm dia with	2	EACH	42.37	84.74
13	15mm dia X 600mm long C.P Brass Towel Rail	2	EACH	307.50	615
14	Odisha Pan	2	Nos	1746.70	3493.4
TOTAL					1152143.31
Cess 1 %					9998.00
Total					1162141.315
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**Junior Engineer
Kuarmunda Block**

**Asst.Executive Engineer
Kuarmunda Block**

**Block Development Officer
Kuarmunda Block**