

Bill of Quantity ( BOQ)

TENDER INVITING AUTHORITY- BLOCK DEVELOPMENT OFFICER, KOIRA

NAME OF WORK "CONSTRUCTION OF MODEL AWC AT Nuatantra , CHORDHARA GP

SCHEDULE OF WORKS					
Sl. No	Description of items	Quantity	Units	Rate(Rs)	Amount ( Rs)
1	2	3	4	5	6
1	Earth work in excavation of foundation in hard soil Within initial lead of 50m and 1.5m initial lift Including rough dressing and leveling the bed as directed by the Engineer-in-charge.	94.77	CUM	211.00	19996.00
2	Filling in Foundation and Plinth with sand well watered and rammed including cost, carriage & royalty of materials etc. complete as per the direction of Engineer-in-charge.	50.40	CUM	1059.00	53374.00
3	Cement Concrete(1:3:6)with 4 Cm. size H.G.C.B. metal including cost, carriage & royalty of materials etc. complete as per the direction of Engineer-in-charge.	23.9	CUM	5910.70	141266.00
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, watering, curing and including cost, carriage, royalty, cost of all labour T.&P. etc complete and as directed by E.I.C.	3.26	CUM	7418.60	24185.00
5	Brick masonry work with Fly Ash bricks in cement mortar (1:6) F & P including cost, carriage & royalty of materials etc. complete as per the direction of Engineer-in-charge.	31.81	CUM	5385.90	171325.00
6	Brick masonry work with Fly Ash bricks in cement mortar (1:6) in <b>super structure</b> including cost, carriage & royalty of materials etc complete as per the direction of Engineer-in-charge	45.90	CUM	5419.20	248741.00
7	Brick masonry work with Fly Ash bricks in cement mortar (1:4) in <b>super structure</b> including cost, carriage & royalty of materials etc complete as per the direction of Engineer-in-charge	3.00	CUM	5664.40	16993.00
8	RCC work of M 20 grade with 20 mm and down grade black hard granite (Crusher Broken) chips including hoisting and laying & royalty of materials etc. complete as per the direction of Engineer-in-charge	34.10	CUM	6413.40	218697.00
9	Providing M.S. reinforcement for R.C.C. work including cutting, bending, binding and tying the grills and placing in position including cost of binding wire 18 to 20 gauge and cost and carriage of steel. etc. complete.	35.5	QTL	8875.70	315087.00
10	Rigid smooth centering and shuttering for RCC work including flase work and dismantling them after casting				
a	Column Base footing/Septic Tank & Soak pit	21.90	SQM	234.90	5144.00
b	Plinth Band	20.50	SQM	234.90	4815.00
c	Lintel Band	30.40	SQM	529.80	16106.00
d	Beam & Column	47.90	SQM	1022.60	48983.00
e	Roof Slab & Chajja	138.00	SQM	677.60	93509.00
11	12 mm thick cement plaster with cement mortar (1:6) over brick work including cost, carriage & royalty of materials etc. complete as per the direction of Engineer-in-charge	258.90	SQM	163.00	42201.00
12	16 mm thick cement plaster with cement mortar (1:6) over brick work including cost, carriage & royalty of materials etc complete as per the direction of Engineer-in-charge	358.50	SQM	230.80	82742.00
13	6 mm thick cement plaster (1:4) to RCC surfaces finished smooth including closed deep chipping and slury 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.	93.70	SQM	176.80	16566.00

14	12mm thick C P in C M (1:4) over brick masonry to the smooth surface with neat cement punning including watering curing, cost, carriage, royalty, and taxes of all materials, cost of all labour, T&P etc complete as per the direction of Engg-in -charge.	21.01	SQM	185.40	3895.00
15	2.5 cm thick damp Proof Course in cement Concrete (1:2:4) using 12 mm size hgcb chips with all cost of materials, conveyance, labour, T&P etc. complete.	20.20	SQM	335.00	6767.00
16	Supplying, fitting and fixing vitrified tile ( <b>Printed</b> ) 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. (For New work only)	69.00	SQM	1168.30	80613.00
17	Fixing Vitrified tiles (size 600mmx600mm) ( <b>Printed</b> ) 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.	7.70	SQM	1275.00	9818.00
18	Fixing glazed tiles (20cmx30cm / 20cm x 20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm conforming to IS 13753) 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 shades of the tiles including cost of tiles.	26.30	SQM	937.60	24659.00
19	Fixing glazed tiles (30cmx30cm / 40cm x 40cm special plain/printed series ceramic tiles of premium grade having thickness 7 mm to 8mm conforming to IS 13755) in floors treads or steps and landing on 20 mm thick bed of cement mortar 1:4 (1cement : 4sand) jointed with neat cement slurry mixed with pigment to match the shades of the tiles including cost of tiles.	3.60	SQM	882.90	3178.00
20	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)	6.30	SQM	1032.00	6502.00
21	Supplying, fitting and fixing Industrial Vitrified tile in dados of size 300mm x 300mm of approved make conforming to IS : 4457 laid on 12 mm thick cement mortar (1:3) (1 cement : 3 course sand) 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)	2.70	SQM	1138.70	3074.00
22	Fixing Granite tiles above 0.40 Sqm. in floors treads or steps and on 20mm thick bed of cement mortar 1:4 (1cement : 4 sand) jointed with neat cement slurry mixed with pigment to match the shades of the tiles including cost, carriage, royalty & taxes of all materials, cost of all labours T&P etc complete.	3.30	SQM	2798.00	9233.00

23	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.	105.10	SQM	354.20	37226.00
24	Priming 1 coat to M.S. doors and Windows including all labour, materials, T&P etc. complete.	14.20	SQM	61.10	868.00
25	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.	14.20	SQM	152.60	2167.00
26	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.	453.70	SQM	76.80	34844.00
27	Priming 1 coat with wall primer water bond cement primer including all labour, materials, T&P etc. complete.	677.10	SQM	66.80	45230.00
28	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 .	353.00	SQM	82.20	29017.00
29	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.	324.10	SQM	89.10	28877.00
30	Supplying, fitting and fixing of 32mm thick flush door shutter with approved quality of 30mm thick BWR block board pasted with 1mm thick sunmica on both side of approved design and quality including cost of all door fittings and fixtures etc. complete	10.5	SQM	10775.3	113141.00
31	Supplying, fitting and fixing of two track UPVC sliding window of approved make with 6mm thick glass of approved quality complete with frame, shutters and all fitting and fixtures.	10.44	SQM	5010.6	52311.00
32	Supplying of M.S sheet and angle welded doors and windows with all fittings of approved design and size at worksite including all cost of materials, loading, unloading, transporting charges & priming one coats with approved primer etc complete				0.00
a	MS Grill	392.25	Kg	57.60	22594.00
b	MRP Door	3.15	SQM	2000.00	6300.00
c	WPC Chaukhat for Door	26.00	RMT	600.00	15600.00
33	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	17.40	SQM	94.30	1641.00
34	Supplying and fixing of 60mm thick cement concrete interlocking paver block of M-30 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018.	12.00	SQM	490.10	5881.00

35	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 square 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)	25.00	Kg	290.80	7270.00
36	Const. of Electrification ( To be paid as per actual maintaining all formalities)				84860.00
37	Const. of PH & Sanitary (To be paid as per actual maintaining all formalities)				84860.00
38	Cost. Of Transparency Board				5000.00
39	Cost. Of Office Sign board after Completion				5000.00
	Sinking of 125 mm* 100 mm Dia Tube well with through fast drilling Sophisticated Rig (DTH)				0.00
40	Supplying all Labour & T & P for drilling a perfectly vertical bore 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 ( 650 cfm/ 2.00 psi ) as required to suit the site condition as per the direction of Engineer-in-Charge including use of own rigs with its accessories, tools and plants and consumables etc. for lowering of 125mm dia PVC/GI pipes for housing fitted with socket and with or without well screen as per the necessity for soft, medium, hard and boulder formation (GI/PVC casing pipes if required to prevent collapse of over burden is to be provided by the contractor including lowering and withdrawing after completion of the tube well)				
a	0.00 mtr to 30 mtr	30.00	RMT	680.00	20400.00
b	30 mtr to 90 mtr	60.00	RMT	560.00	33600.00
41	Labour for Lowering the 125mm dia PVC/G.I. pipes with or without soltted pipes as per the necessity from ground level and fitted up in perfectly vertical position including cutting and threading pipe and soltted pipe and supplying and fixing all joints materials, tools and plants etc. complete and keeping the top of the casing pipe threaded including plugging tube wells to prevent entry of foreign materials from above.	30.00	RMT	121.00	3630.00
42	Cleanning and developing the tube well using their own compressor continuously worked till clear and adequate discharge is obtained from the tube well including supply and use of all necessary equipment and labour as per the direction of Engineer-in- Charge	1.00	No	3622.00	3622.00
43	Cost of submersible Pump 1 HP Including all fitting and fixing in position, cost of cable wire, rope wire, HDPE, panel board etc. complete.	1.00	No	30000.00	30000.00
				<b>Total</b>	<b>2341408.00</b>
	Total= 43 ( Forty Three no. of item)			<b>Twenty Three lakh Fourty one thousand Four hundred Eight rupees only/-</b>	
	My Quoted rate is .....				
	( Figure & Words) Excess over / Less than/ Equal to above estimated cost				

Note				
1. The Contractor should not write anything except quating of percentage and in case of anything regarding Tender stick out which are not applicable				
Total 43 (Forty three) nos. of items only				
Nos. of Correction				
Nos. of Overwriting				
Nos. og Interpolation				
Approved for 43 (Forty three) Nos. of items only				

Full Signature of Contractor with Date.

  
**Block Development Officer**  
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 Koira