


Bill of Quantity (BOQ)
TENDER INVITING AUTHORITY - BLOCK DEVELOPMENT OFFICER, BISRA
NAME OF WORK :- Construction of Model Anganwadi Centre at Jhirpani-2, Jhirpani GP
SCHEDULE OF WORKS

SL No.	Description of item	Quantity	Unit	Rate (Rs)	Amount (Rs)
1	Earth work in excavation of foundation in hard soil or gravelly soil including dressing and leveling the bed and disposal of the excavated materials with mechanical means within 5.00km. initial leads and lifts as per direction of E.I.C./ Septic Tank & Soak Pit	94.77	cum	211.00	19997.00
2	Supplying & filling foundation and plinth with sand well watered and rammed including cost, cost of all labour, carriage, royalty, taxes, T&P etc complete.	50.40	cum	533.60	26893.00
3	Cement Concrete (1:3:6) using 40mm size hard granite C.B. metal approved quality from approved quarry including hoisting laying using concrete mixture and vibrators including cost, carriage, royalty, cost of all labour T.&P. etc complete and as directed by E.I.C.	23.9	cum	5417.7	129483.00
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./ Septic Tank & Soak Pit	3.26	cum	6956.40	22664.00
5	2.5 cm thick DPC in cement concrete(1:2:4) using 12 mm size hghb chips with all cost of materials, conveyancer, labour, T&P etc complete as per the direction of E.I.C.	20.20	sqm	322.90	6523.00
6	Brick work with Fly ash bricks 23cm x 11cm x 8cm size having crushing strength not less than 75Kg/cm ² with dimensional tolerance ± 8 percent in cement mortar (1:6) in F&P including 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.	31.81	cum	5048.40	160585.00
7	Brick work with Fly ash bricks 23cm x 11cm x 8cm size having crushing strength not less than 75Kg/cm ² with dimensional tolerance ± 8 percent in cement mortar (1:6) in Superstructure including 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.	45.90	cum	5081.70	233250.00
8	Brick work with Fly ash bricks 23cm x 11cm x 8cm size having crushing strength not less than 75Kg/cm ² with dimensional tolerance ± 8 percent in cement mortar (1:4) in Superstructure including 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.	3.00	cum	5326.90	15981.00
9	R.C.C. M-20 grade with 20mm and down grade C.B. chips of approved quality from approved quarry including hoisting, laying hire charges of concrete mixture, vibrator, watering, curing and cost of all materials and labour, T&P centering shuttering etc complete but excluding cost of reinforcement complete.	34.10	cum	5951.20	202936.00
10	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/ Septic Tank & Soak Pit	32.11	qntl	8875.70	284963.00

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SCHEDULE OF WORKS

Sl. No.	Description of item	Quantity	Unit	Rate (Rs)	Amount (Rs)
11	Rigid smooth centering shuttering for R.C.C.work including all cost etc complete (Ground Floor)				
	(a) Column base footings/ Septic Tank & Soak Pit	21.90	sqm	234.70	5141.00
	(b) Plinth Band	20.50	sqm	234.70	4811.00
	(c) Lintel Band	30.40	sqm	529.40	16094.00
	(d) Beam and Column	47.90	sqm	1022.00	48954.00
	(e) Roof slab, Chajja	138.00	sqm	676.90	93412.00
12	12mm thick C.P. in C.M.(1:6) over brick masonry to the smooth surface including 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.	258.90	sqm	155.20	40181.00
13	12mm thick C.P. in C.M.(1:4) over brick masonry to the smooth surface with neat cement pumning including 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.	21.01	sqm	177.60	3732.00
14	16mm thick C.P. in C.M.(1:6) over brick masonry to the rough surface including 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.	358.50	sqm	221.40	79372.00
15	6 mm thick cement plaster (1:4) to RCC surfaces finished smooth including closed deep chiping 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	172.90	16201.00
16	Supplying, fitting and fixing vitrified tile (Printed) in floors of size 600mm x 600mm of approved make conformaing 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	1140.60	78701.00
17	Supplying, fitting and fixing vitrified tile (Printed) in dados skirting and risers of steps of size 600mm x 600mm of approved make conformaing to IS : 13755 laid on 20 mm thick cement mortar (1:3) (1 cement :3 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)	7.70	sqm	1250.40	9628.00
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 confirming to IS 13753) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slury mixed with pigments to match the shades of the tiles including cost of tiles.	26.30	sqm	913.00	24012.00
19	Fixing glazed tiles (30cmx30cm / 40cm x 40cm special plain/printed series ceramic tiles of premium grade having thickness 7 mm to 8mm confirming 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 slury mixed with pigment to match the shades of the tiles including cost of tiles.	3.60	sqm	855.10	3078.00

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
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SCHEDULE OF WORKS

Sl. No.	Description of item	Quantity	Unit	Rate (Rs)	Amount (Rs)
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) (Ground Floor)	6.30	sqm	1004.20	6326.00
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	1114.10	3008.00
22	Fixing Granite tiles above 0.40 sqm in floors trades or steps and on 20mm thick bed of cement mortar 1:4 (1 cement : 4 sand) jointed with neat cement slurry mixed with pigment to match the shades of the tiles including cost, carriage, royalty & tiles of all materials, cost of all labours T&P etc complete (Ground Floor)	3.30	sqm	2770.20	9142.00
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	341.00	35839.00
24	Priming 1 coat with primer red oxide primer 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 1 coat with plastic emulsion paint of approved shade on old work to give an even shade excluding cost of paint.	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 sunica on both side of approved design and quality including cost of all door fittings and fixtures etc. complete	10.50	sqm	10775.30	113141.00
29	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	5010.60	52311.00

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SCHEDULE OF WORKS

Sl. No.	Description of item	Quantity	Unit	Rate (Rs)	Amount (Rs)
31	Supplying of M.S. Door, Window with grills, Grills, collapsible gates made out of M.S. Angle frame, M.S. Flat, Sheet etc of approved section & design, electrically welded properly with all necessary locking arrangement, and 1 coat red oxide primer including cost of all materials, labour T&P, carriage of materials to site etc. complete.				
	(a) M.S. Grills	230.30	kg	57.60	13265.00
	(b) FRP Door	3.15	sqm	2000.00	6300.00
	(c) WPC cjhokath for doors	26.00	rmt	600.00	15600.00
32	Fitting, fixing of iron doors/ windows shutter with frame of approved design and size with all labour and T&P required for the work etc complete as per the direction of the E.I.C.	10.90	sqm	94.30	1028.00
33	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
34	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
35	cost for Electrification(to be paid as per actual maintaining all formalities)		LS		79314.00
36	Cost for PH and Sanitary (to be paid as per actual maintaining all formalities)		LS		79314.00
37	Cost of Transparency Board		LS		5000.00
38	Cost of Office Sign Board after completion of work		LS		5000.00
39	Cost of site development, approach road, photography and other unforcen item etc		LS		900.00
SINKING OF 125MM x 100MM DIA TUBE WELL THROUGH FAST DRILLING SOPHISTICATED RIG (DTH)					
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 ti 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)				
	00 mtr to 30.00 mtr	30.00	each mtr	680.00	20400.00
	30 mtr to 90.00 mtr	60.00	each mtr	560.00	33600.00

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SCHEDULE OF WORKS

Sl. No.	Description of item	Quantity	Unit	Rate (Rs)	Amount (Rs)
41	Labour for Lowering the 125mm dia PVC/G.I. pipes with or without soltted pipes as per the necessaty 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 prevententry of foreign materials from above.	30.00	each mtr	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	Submersible Pump 1 HP Including all fitting and fixing	1.00	No	30000.00	30000.00
	TOTAL (1 to 43)				2197486.00
	Contigency @1%				21975.00
	GST (18%)				395547.00
	G. TOTAL				2615008.00
	LIMITED TO			Say	2615000.00

Total 43 (Forty-three) no. of items

(Rupees Twenty six Lakh Fifteen thousand) only

My quoted Rate is
(Figure & word) Excess over/ Less than/ Equal to above estimated cost

Note

- 1 The Contractor should not write any thing except quoting of percentage and incase of anithing regarding tender
- 2 Stick out which are not applicable

Total: 43 (Forty-three) nos. of items only

No. of correction:

No. of over-writing:

No. of interpolation:

Approved for 43 (Forty-three) nos. of items only

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