

## TENDER SCHEDULE

**Name of the Work :- Const. of Model AWC Building at Sargidihi, GP- S. Bolang under Bonaigarh Block.**

	Estimated Cost	=	₹ 20,97,382.00		
	EMD to be deposited	=	₹ 21,000.00		
	Time of Completion	=	6 months		
	Cost of Tender paper	=	6000		
	Eligibility & Class of Contractor	=	B & C Class		
Sl. No.	Description of work	Unit	No. or Qty.	Rate in Figures	Amount
1	2	3	4	5	6
<b>A. CONSTRUCTION OF AWC BUILDING</b>					
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	57.400	₹ 211.00	₹ 12,111.00
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	41.800	₹ 650.90	₹ 27,208.00
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	18.600	₹ 6,227.00	₹ 1,15,822.00
4	PCC (1:2:4) with H.G crusher broken chips including hoisting laying including cost, carriage, royalty, cost of labour T.&P. etc complete	Cum	1.500	₹ 7,715.10	₹ 11,573.00
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 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	16.500	₹ 5,081.20	₹ 83,840.00
6	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	24.700	₹ 5,114.60	₹ 1,26,331.00
7	Brick masonry work with Fly Ash bricks in cement mortar (1:4) in super structure including cost, carriage & royalty of materials etc. complete as per the direction of Engineer-in-charge.	Cum	3.000	₹ 5,359.70	₹ 16,079.00

8	R.C.C. work of M-20 having minimum compressive strength (in work test) 200kg./cm <sup>2</sup> 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 (1/2" 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	34.100	₹ 6,709.90	₹ 2,28,808.00
9	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	30.700	₹ 8,875.70	₹ 2,72,484.00
10	Rigid smooth centering and shuttering for RCC work including false work and dismantling them after casting.				
a.	Column Base footing	Sqm	12.100	₹ 234.90	₹ 2,842.00
b.	Plinth Band	Sqm	20.500	₹ 234.90	₹ 4,815.00
c.	Lintel Band	Sqm	30.400	₹ 529.80	₹ 16,106.00
d.	Column & Beam	Sqm	47.900	₹ 1,022.60	₹ 48,983.00
e.	Roof slab, chhaja	Sqm	138.000	₹ 677.60	₹ 93,509.00
11	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	129.600	₹ 156.90	₹ 20,334.00
12	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	264.400	₹ 223.50	₹ 59,093.00
13	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	93.700	₹ 173.80	₹ 16,285.00
14	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	69.000	₹ 1,146.30	₹ 79,095.00
15	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	7.700	₹ 1,255.50	₹ 9,667.00
16	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.	Sqm	26.300	₹ 918.00	₹ 24,143.00

17	Fixing <b>glazed tiles</b> (30cmx30cm / 40cm x 40cm <b>special plain/printed series ceramic tiles</b> of premium grade having thickness 7 mm to 8mm conforming to IS 13755) in floors <b>treads or steps and landing</b> 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.	Sqm	3.600	₹ 860.90	₹ 3,099.00
18	Supplying, fitting and fixing <b>Industrial Vitrified tile in floors</b> of size 300mm x 300mm of approved make conformaing 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	6.300	₹ 1,010.00	₹ 6,363.00
19	Supplying, fitting and fixing <b>industrial Vitrified tile in dadoes</b> of size 300mm x 300mm of approved make conformaing 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)	Sqm	2.700	₹ 1,119.10	₹ 3,022.00
20	Fixing <b>Granite tiles</b> above 0.40 Sqm. In floors <b>treads or steps</b> and on 20mm thick bed of cement mortar 1:4 (1cement : 4 sand) jointed with neat cement slury 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.	Sqm	3.300	₹ 2,776.00	₹ 9,161.00
21	<b>2.5cm thick grading concrete (1:2:2)</b> 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	105.100	₹ 356.30	₹ 37,447.00
22	<b>Priming 1 coat to M.S. doors and Windows</b> including all labour, materials, T&P etc. complete.	Sqm	10.400	₹ 61.10	₹ 635.00
23	<b>Painting 2 coats with any approved paint</b> 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	10.400	₹ 152.60	₹ 1,587.00
24	<b>Finishing surface of walls with Cement based wall putty &amp; making smooth</b> to recive painting including cost of scaffolding etc. with cost of all materials, labour T&P etc. complete.	Sqm	453.700	₹ 76.80	₹ 34,844.00
25	<b>Priming 1 coat with wall primer water bond cement primer</b> including all labour, materials, T&P etc. complete.	Sqm	453.700	₹ 66.80	₹ 30,307.00
26	<b>Finishing to the exposed surfaces of wall with weather coat</b> 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	129.600	₹ 82.20	₹ 10,653.00
27	<b>Wall painting 2 coats with plastic emulsion paint</b> of approved shade on new work to give an even shade including cost of paint etc complete.	Sqm	324.100	₹ 89.10	₹ 28,877.00
28	Supplying, fitting and fixing of <b>32mm thick flush door shutter</b> 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	Sqm	10.500	₹ 10,775.30	₹ 1,13,141.00
29	Supplying , fitting and fixing of <b>two track UPVC sliding window</b> of approved make with 6mm thick glass of approved quality complete with frame, shutters and all fitting and fixtures.	Sqm	10.440	₹ 5,010.60	₹ 52,311.00
30	Supplying of <b>M.S.sheet and angle welded doors and windows</b> 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				
a	M.S. Grill	Kg	99.000	₹ 57.60	₹ 5,702.00
b	FRP Door D3	Sqm	3.150	₹ 2,000.00	₹ 6,300.00
c.	<b>WPC choukath</b> with any approved quality including fitting & fixing in position complete.( Section : 10cm x 7.5cm)	Rmt	26.000	₹ 600.00	₹ 15,600.00
31	Fitting, fixing of <b>iron doors / windows shutter with frame</b> 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	7.100	₹ 94.30	₹ 670.00
32	Supplying and fixing of 60mm thick <b>cement concrete interlocking paver block</b> 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.	Sqm	12.000	₹ 490.10	₹ 5,881.00

33	Supplying, fitting and fixing of <b>stainless steel of 304 grade in hand railing</b> 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)	Kg	25.000	₹ 290.80	₹ 7,270.00
<b>B. CONSTRUCTION OF SEPTIC TANK &amp; SOAK PIT</b>					
34	<b>Earthwork in excavation of foundation</b> 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	10.973	₹ 211.00	₹ 2,315.00
35	<b>PCC (1:2:4)</b> with H.G crusher broken chips including hoisting laying including cost, carriage, royalty, cost of labour T.&P. etc complete	Cum	1.758	₹ 7,715.10	₹ 13,563.00
36	<b>Rigid smooth centering and shuttering for RCC work</b> including false work and dismantling them after casting.				
a.	Column Base footing, mass concrete etc.	Sqm	9.804	₹ 234.90	₹ 2,303.00
37	<b>Providing MS reinforcement for RCC work</b> 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	1.406	₹ 8,875.70	₹ 12,479.00
38	<b>Fly ash Brick masonry</b> 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	4.609	₹ 5,081.20	₹ 23,419.00
39	<b>12mm thick C.P. in C.M.(1:4)</b> 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.	Cum	21.012	₹ 179.30	₹ 3,767.00
<b>C. CONSTRUCTION OF COMPOUND WALL</b>					
40	<b>Earthwork in excavation of foundation</b> 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	26.400	₹ 211.00	₹ 5,570.00
41	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	8.600	₹ 650.90	₹ 5,598.00
42	<b>Cement Concrete (1:3:6)</b> 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	5.300	₹ 6,227.00	₹ 33,003.00
43	<b>Fly ash Brick masonry</b> 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	11.500	₹ 5,081.20	₹ 58,434.00
44	<b>2.5 cm thick damp Proof Course</b> in cement Concrete (1:2:4) using 12 mm size hgcb chips with all cost of materials, conveyance, labour, T&P etc. complete.	Sqm	20.200	₹ 342.30	₹ 6,914.00

45	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	21.200	₹ 5,114.60	₹ 1,08,430.00
46	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	129.300	₹ 156.90	₹ 20,287.00
47	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	94.100	₹ 223.50	₹ 21,031.00
48	Priming 1 coat with wall primer water bond cement primer including all labour, materials, T&P etc. complete.	Sqm	223.400	₹ 66.80	₹ 14,923.00
49	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	Kg	131.300	₹ 57.60	₹ 7,563.00
50	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	3.800	₹ 94.30	₹ 358.00
51	Priming 1 coat to M.S. doors and Windows including all labour, materials, T&P etc. complete.	Sqm	3.800	₹ 61.10	₹ 232.00
52	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	3.800	₹ 152.60	₹ 580.00
53	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	223.400	₹ 82.20	₹ 18,363.00
<b>SINKING OF 125MM x 100MM DIA TUBE WELL</b>					
54	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)				
a	00 mtr to 30.00 mtr	Mtr	30.000	₹ 680.00	₹ 20,400.00
b	30 mtr to 90.00 mtr	Mtr	60.000	₹ 560.00	₹ 33,600.00
55	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 prevententry of foreign materials from above.	Mtr	30.000	₹ 121.00	₹ 3,630.00

56	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	No	1.000	₹ 3,622.00	₹ 3,622.00
57	Cost of submersible Pump 1 HP Including all fitting and fixing in position, cost of cable wire, rope wire, HDPE, panel board etc. complete.	No	1.000	₹ 30,000.00	₹ 30,000.00
58	Making of Transparency Board.	No	1.000	₹ 5,000.00	₹ 5,000.00
Total				=	₹ 20,97,382.00

(Rupees Twenty lakh ninety seven thousand three hundred eighty two ) only.

My/ our quoted rate is \_\_\_\_\_ % (both figure & words) excess over /less than /equal to the above Estimated cost.

**Notes:**

1. Strike out which are not applicable.
2. GST is applicable as per govt.guidelines. (above Rates are post GST schedule of Rates)
3. The contractor should not write any thing except quoting of percentage.
4. The Tender Committee may negotiate to execute the work @ Schedule of Rates as quoted above , when the %age is much higher than the above Rates.

Signature of Contractor

  
Block Development Officer  
Bonaigarh

No. of Correction : -  
No. of Overwriting :-  
No. of Interpolation :-  
**Approved for 58 Fifty Eight) Items only.**

  
Block Development Officer  
Bonaigarh