

## TENDER SCHEDULE

**Name of the Work :- Const. of Model AWC Building at Balanipat, GP- Kenaveta under Bonaigarh Block.**

	Estimated Cost	=	₹ 21,00,116.00		
	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	₹ 6,271.60	₹ 1,16,652.00
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	₹ 7,756.90	₹ 11,635.00
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 ( <sup>1</sup> / <sub>2</sub> " to <sup>3</sup> / <sub>4</sub> ") 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	₹ 6,751.70	₹ 2,30,233.00
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 (20cm x 20cm / 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 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 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 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	6.300	₹ 1,010.00	₹ 6,363.00
19	Supplying, fitting and fixing Industrial Vitrified tile in dadoes 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)	Sqm	2.700	₹ 1,119.10	₹ 3,022.00
20	Fixing Granite tiles above 20mm 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, carriage, royalty & taxes of all materials, cost of all labours T&P etc complete.	Sqm	3.300	₹ 2,776.00	₹ 9,161.00
21	2.5cm thick grading concrete (1:1:2) 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	105.100	₹ 357.10	₹ 37,531.00
22	Priming 1 coat to M.S. doors and Windows including all labour, materials, T&P etc. complete.	Sqm	10.400	₹ 61.10	₹ 635.00
23	Painting 2 coats with any approved paint in iron works including sand papering, polishing surfaces, cost of paints, carriage, labour, T&P, etc complete in all floors as per direction of E.I.C.	Sqm	10.400	₹ 152.60	₹ 1,587.00
24	Finishing surface of wall with cement based wall putty & making smooth to receive painting including cost of putty etc. with cost of all materials, labour T&P etc. complete.	Sqm	453.700	₹ 76.80	₹ 34,844.00
25	Priming 1 coat with wall putty & bond cement primer including all labour, materials, T&P etc. complete.	Sqm	453.700	₹ 66.80	₹ 30,307.00
26	Finishing to the exposed surface of wall with weather coat of any approved shade on new work 2 coats to give 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	Wall painting 2 coats with any approved emulsion paint 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 20mm thick flush door shutter with approved quality of 30mm thick BWR block with 1mm thick sunmica on both side of approved design and quality including cost of door fittings and fixtures etc. complete	Sqm	10.500	₹ 10,775.30	₹ 1,13,141.00
29	Supplying, fitting and fixing of 6mm thick UPVC sliding window 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 M.S.sheet for glazed doors and windows with all fittings of approved design and size at work site including all cost of materials, loading, unloading, transporting charges & priming one coat 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.	WPC choukath with 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 Iron door and windows shutter with frame of approved design and size with all labour and T&P etc. 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 100mm thick cement concrete interlocking paver block of M-30 grade of approved make and size made by Block making machine with proper compaction laid on 100mm sand 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 stainless steel of 304 grade in hand railing using 50 mm dia of 2 mm thick circular section with astrade of size 32 mm x 32mm x 2mm @ 0.90 mtr C/C and stainless angle of size case as per approved design and specification, buffing, painting etc. to 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	Earthwork in excavation of foundation in hard soil mixed with gravels including dressing and levelling the bed upto the required depth & removing the excavated earth & depositing the same away from the site upto an initial lead of 50 mtr & initial lift of 1.5 mtr, including cost of labour T&P and other charges 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	PCC (1:2:4) with H.G.B. and hgc b chips including hoisting laying including cost, carriage, royalty, cost of labour etc. complete	Cum	1.758	₹ 7,756.90	₹ 13,637.00
36	Rigid smooth center line formwork shuttering for RCC work including false work and dismantling them after use				
a.	Column Base footing	Sqm	9.804	₹ 234.90	₹ 2,303.00
37	Providing MS reinforcement including cutting, bending, binding and tying the grill and placing in concrete 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	Fly ash Brick masonry in wall and plinth including splays cutting, circular moulding, corbelling, etc. similar such type of works, watering and curing etc. including cost, conveyance, carriage, royalties and taxes of all materials, cost of all labour, scaffolding etc. provided 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	12mm thick C.P. in wall and plinth brick masonry to the smooth surface with neat cement punning including cost, carriage, royalty, and taxes of all materials, cost of all labour, T&P etc. complete in all respect as per the direction of Engg-in -charge.	Cum	21.012	₹ 179.30	₹ 3,767.00
<b>C. CONSTRUCTION OF WALL</b>					
40	Earthwork In excavation of foundation in hard soil mixed with gravels including dressing and levelling the bed upto the required depth & removing the excavated earth & depositing the same away from the site upto an initial lead of 50 mtr & initial lift of 1.5 mtr, including cost of labour T&P and other charges 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, carriage, royalties and taxes of the materials and labour with T&P required for the work etc. complete in all respect as per the direction of the Engineer-in-Charge	Cum	8.600	₹ 650.90	₹ 5,598.00
42	Cement Concrete (1:2:4) using 40mm size hard granite metzl (C.B.) approved quality from approved quarry including cost, carriage, royalty, cost of labour T.&P. etc complete	Cum	5.300	₹ 6,271.60	₹ 33,239.00
43	Fly ash Brick masonry in wall and plinth including splays cutting, circular moulding, corbelling, etc. similar such type of works, watering and curing etc. including cost, conveyance, carriage, royalties and taxes of all materials, cost of all labour, scaffolding etc. provided 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	2.5 cm thick damp proof course in concrete using 12 mm size hgcb chips including cost, carriage, royalty, T&P etc. complete.	Sqm	20.200	₹ 343.40	₹ 6,937.00

45	Fly ash Brick masonry of good quality bricks of size 23 cm. x 11 cm. x 8 cm. having crushing strength not less than 75 kg/cm <sup>2</sup> Sqr. Cm.with dimensional tolerance upto 2 % in cement mortar of mix (1:3:6) Super structure including splays cutting, circular moulding, corbelling, chamfering and similar surface 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 on the outside surface of brick masonry wall with cement mortar (1:6) including joints, scraping and cleaning the surface and finishing the plaster surface with wooden floats only to proper plumbs and levels as per drawings including all materials, conveyance, loading and unloading, all taxes and royalties, all labour, scaffolding 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 on the inside surface of brick masonry wall with cement mortar (1:6) including joints, scraping and cleaning the surface and finishing the plaster surface with wooden floats only to proper plumbs and level as per drawings including all materials, conveyance, loading and unloading, all taxes and royalties, all labour, scaffolding 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 cement primer including all labour, materials, T&P etc. complete.	Sqm	223.400	₹ 66.80	₹ 14,923.00
49	Supplying of M.S.sheet purlins for floors and windows with all fittings of approved design and size at work including all materials, loading, unloading, transporting charges & priming one coat.	Kg	131.300	₹ 57.60	₹ 7,563.00
50	Fitting, fixing of iron door with frame of approved design and size with all labour and T&P 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. windows including all labour, materials, T&P etc. complete.	Sqm	3.800	₹ 61.10	₹ 232.00
52	Painting 2 coats with oil on iron works including sand papering, polishing, etc complete in all floors as per direction of Engineer-in-charge.	Sqm	3.800	₹ 152.60	₹ 580.00
53	Finishing to the exterior of new work 2 coats of paint with weather coat of any approved 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 125MM WELL</b>					
54	Supplying all Labour & material for sinking of perfectly vertical bore of specified dia for a consolidated and unconsolidated rock with rotation drilling rigs ( 650 cfm/ 2.00 psi ) as required to suit the site as per direction of Engineer-in-Charge including use of own rigs with its accessories and consumables etc. for lowering of 125mm dia PVC/IGI pipes for casing and with or without well screen as per the formation (GI/PVC casing pipes if required to be provided by the contractor including lowering and withdrawing after completion.				
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 of casing pipes with or without soltted pipes as per direction in perfectly vertical position including cutting, tapping and fixing all joints materials, tools and the casing pipe threaded including plugging from above.	Mtr	30.000	₹ 121.00	₹ 3,630.00

56	Cleaning and development of tube well till clear and adequate all necessary equipment	Contractor providing their own compressor continuously worked from the tube well including supply and use of direction of Engineer-in- Charge	No	1.000	₹ 3,622.00	₹ 3,622.00
57	Cost of submersible Pump wire, rope wire, HDPE, etc.	Contractor provide all fitting and fixing in position, cost of cable etc.	No	1.000	₹ 30,000.00	₹ 30,000.00
58	Making of Transparency		No	1.000	₹ 5,000.00	₹ 5,000.00
<b>Total</b>					=	<b>₹ 21,00,116.00</b>

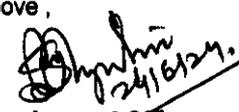
(Rupees twenty one lakh one hundred sixteen only.)

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 schedule of Rates. (above Rates are post GST schedule of Rates)
3. The contractor should quote a rate except quoting of percentage.
4. The Tender Committee may reject the bid to execute the work @ Schedule of Rates as quoted above when the %age is more than the above Rates.

Signature of Contractor

  
 Block Development Officer  
 Bongaigarh

No. of Correction :-

No. of Overwriting :-

No. of Interpolation :-

Approved for 58 Fifty Five s on

  
 Block Development Officer  
 Bongaigarh