

BOQ**Repair & renovation for NQAS gap of R.S Colony SC HWC of Bisra Block for the year 2024-25 (DMF Fund).**

Sl. No.	Item	Quantity	Unit	Rate	Amount
1	Removing old lime or cement plaster from walls including raking out joints 12 mm deep and removing the debris within 50m lead	86.69	Sqm	56.20	4871.98
2	Earth work in foundation in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge.	12.88	Cum	269.70	3473.74
3	Supplying & filling foundation and plinth with sand well watered and rammed including cost of all materials, T&P etc complete.	2.58	Cum	519.10	1339.28
4	Cement Concrete (1:3:6) using 40mm size hard granite C.B metal including hoisting laying using concrete mixture and vibrators including cost of all materials labour T.&P. etc complete and as directed by Engineer - in - charge.	1.70	Cum	5443.50	9253.95
5	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.	2.55	Cum	7012.30	17881.37
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 ± 2 percent in cement mortar (1:6) in Foundation & plinth 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.	8.21	Cum	5411.50	44428.42
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 ± 2 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.	4.98	Cum	5444.80	27115.11
8	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.	39.31	Sqm	181.20	7122.98
9	Hoisting joists and trusses and placing in position including cost, carriage, royalty and taxes of all materials, cost of all labour, T&P etc complete as per the direction of E.I.C.	0.13	Qntl	8292.30	1077.99
10	Supplying, fitting & fixing of PPGL sheet (Pre-painted Galvanized sheet) of 0.50 mm thick in roof with fitting & fixing of wind ties including cost, carriage & taxes of all materials cost of all labour for fixing and cost of fitting materials & drilling holes in wind ties etc. complete.	5.94	Sqm	808.90	4804.86
11	Supplying, fitting and fixing Industrial tile in floors treads or steps and landing of size 30cmx30cm / 40cm x 40cm (special plain/printed series ceramic wall tiles) of approved make conforming to IS 13755 on 20mm thick cement mortar (1:4) 1cement: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 Engineer-in-charge.	4.55	Sqm	1042.00	4741.10

12	Supplying, fitting and fixing Glazed tile in floors treads or steps and landing of size 30cmx30cm / 40cm x 40cm (special plain/printed series ceramic wall tiles) of approved make conforming to IS 13755 on 20mm thick cement mortar (1:4) 1cement: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 Engineer-in-charge.	3.90	Sqm	892.90	3482.31
13	Supplying, fitting and fixing Granite tile in floors treads or steps and landing of size 30cmx30cm / 40cm x 40cm (special plain/printed series ceramic wall tiles) of approved make conforming to IS 13755 on 20mm thick cement mortar (1:4) 1cement: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 Engineer-in-charge.	2.04	Sqm	1743.00	3555.72
14	Fixing Granite tiles (Above 0.10 Sqm. to 0.40 Sqm) 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.	0.34	Sqm	1874.00	637.16
15	Supplying, fitting, fixing of 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 slurry mixed with pigments to match the shade of the tiles including all costs complete as per direction of Engineer-in-charge.	6.51	Sqm	971.90	6327.07
16	Supplying, fitting, fixing up window (sliding type) made up aluminum Section 9778as windows frame, section no. 4095, 4096 and 9777,3994 as shutter frame with 5mm thick black glass as panel fitted with rubber beading including locking arrangement including all fitting including cost of materials all taxes labour, T&P etc. complete as per direction of Engineer-in-charge.	78.72	Kgs	767.90	60449.09
17	Providing and fitting of zinc coated wire mesh for windows, door and ventilators including cost of all materials, labour T&P etc. complete. (Measurement to be taken as per actual)	17.10	Sqm	372.20	6364.62
18	Providing and fixing of wall case/wall almirah made with BWR ply wood (ISI) with laminate both side including all type of fittings such as handle, lock magnet, chain, channel, screw, blot & nuts etc. jointing finishing to a flush bonded with adhesive etc. complete as per direction of the department.	1.86	Sqm	17387.80	32341.31
19	Painting 2 coats with any approved paint in new 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 Engg-in charge.	71.47	Sqm	181.40	12964.66
20	Priming 1 coat with wall primer (water bond) of any approved shade including all costs complete as per the direction of Engineer-in charge.	370.46	Sqm	79.00	29266.34
21	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.	327.24	Sqm	102.60	33574.83
22	Providing colour ,Painting of branding of HWC	242.00	Sft	63.50	15367.00
23	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 .	381.64	Sqm	95.70	36522.95
	PH work				

24	Supplying all materials,labour,T&P and fitting & fixing of 4.0 kgf/cm ² U-PVC soil waste ventilating pipes and fitting of the following O.D conforming to ISI No.13592/1992 to walls with nails bobbins and wooden plugs or earth work in excavation in all kinds of soil for laying in trench including jointing with supply of approved rubber lubricant by non-heat application method/as per manufactures specification including tasing and refilling and trenches as per direction of E.I.C.				
	110mm dia.U-PVC SWR pipes	2.06	mtr	258.20	532.67
	(b)110mm dia.U-PVC P-trap	1.00	each	381.10	381.10
	(c)110mm dia.U-PVC HR Bend	1.00	each	176.30	176.30
	(d)110mm dia.U-PVC SWR Double junction door	1.00	each	423.60	423.60
	(e)110mm dia.U-PVC SWR door bend	1.00	each	251.10	251.10
	(f)110mm dia.U-PVC SWR Offset	1.00	each	477.70	477.70
	(g)110mm dia.U-PVC SWR plain bend	1.00	each	175.90	175.90
	(h)110mm dia.U-PVC SWR Plain Tee	1.00	each	316.30	316.30
	(i)110mm dia.U-PVC SWR vent cowl	1.00	each	84.90	84.90
	(j)125mm dia CP greatings	1.00	each	86.40	86.40
25	Supplying all materials,labour,T&P cutting holes through brick/stone masonry works including making good the damages in cm(1:4)for taking HCl/PVC pipe & fitting etc. all complete as per PH specification and direction of E.I.C.				
	(a)375mm thick wall	1.00	each	259.20	259.20
	(b)250mm thick wall	1.00	each	203.60	203.60
26	Supplying all materials, labour, T&P and fixing wash down water closet(E.W.C)with integral 'S' or 'P' trap to the floor with wooden plug and CP screw including jointing the trap with soil waste pipe in cm(1:1)etc all complete as per specification and direction of the E.I.C.				
	(a)EWC with 'P'&'S' trap plain (Nycer/Cera/Hindware/Parryware)	1.00	each	2686.40	2686.40
27	Supplying all materials,labour,T&P and fixing of plastic seat cover for EWC with chromium plated brass hinges and rubber buffer etc all complete as per specification and direction of the E.I.C.				
	plastic seat cover for EWC	1.00	each	761.40	761.40
28	supplying all labour,T&P materials & fixing wash Kitcken Sink with CI/MS Brackets painted white including holes in walls and making good the damages etc. all complete as per PH specification and direction of E.I.C.				
	(a)600mmx450mmx200mm Steel sink with 40mm dia CP west,west pipe and brackets.	1.00	each	5464.30	5464.30
29	Supplying all materials,labour,T&P and fixing CP soap holder complete with CP brass brackets fixed to wooden plugs with CP screws as per specifications and direction of E.I.C.				
	(a)CP Soap holder	1.00	each	319.60	319.60
30	Supplying all materials,labour,T&P and fixing mirror of superior glass mounted on 6mm thick AC sheet or plywood sheet and fixed to wooden plugs with CP screws and washers complete as per specification and direction of the E.I.C.				
	(a)600mmx450mm B.E.Mirror	1.00	each	823.70	823.70

31	Supplying all materials,labour T&P and fitting and fixing 10 Ltrs capacity PVC LL flushing cistern with a pair of CI/MS brackets complete with fittings such as syphonic arrangement,15mm nominal size brass/PVC ball valve with polythene float,CP/Brass handle,unions and couplings for connection with inlet,outlet,over flow pipes,32mm dia PVC flushbend,15mm dia PVC connection pipes including cutting holes and making good the same and connecting the flush bend with cistern and closet and connecting inlet pipe with supply main with etc all complete as per specification and direction of the E.I.C.				
	(a)10 lit PVC L/L Cistern(Parry ware)	1.00	each	1790.60	1790.60
32	Supplying all materials,labour,T&P and laying in trenches 4kg/cm2 U-PVC SWR soil waste ventilating pipes for sewer line of following dia in trenches (to slope or level)and jointing with supply of approved solvent cement by non-heat application method cc(1:3:6)using 40mm size HG metal on bed of the trenches and all round concrete encasing with cc(1:4:8)using 40mm size HG metal,earthwork in excavation in trenches in all kinds of soil refilling the same in a layer of 0.30mtr with watering, ramming and removing of surplus earth, testing the S.W. pipeline etc. all complete as per approved drawing, specification and direction of the E.I.C.				
	(a)110mm dia PVC pipe with allround encasing	2.00	mtr	1294.30	2588.60
33	Supplying all materials,labour,T&P and fixing brass/CP fittings of thefollowing nominal bore with supply of all jointing materials complete as per specification and direction of E.I.C				
	(a)15mm dia CP Bib cock	1.00	each	1213.80	1213.80
	(c)15mm dia CP Two way Bib cock	1.00	each	1386.00	1386.00
	(d)15mm dia CP Pillar cock Elbow action	1.00	each	2329.60	2329.60
	(e)15mm dia CP Angle stop cock	1.00	each	1033.70	1033.70
	(f)15mm dia CP Concealed stop cock	1.00	each	1772.00	1772.00
	(h)15mm dia Health Faucet & 1.0m long Flexible pipe	1.00	each	1361.40	1361.40
	EI work				
34	Recessed wiring to light point / fan point / exhaust fan point / call bell point with 1.5 sq.mm FR PVC insulated single core multistrand copper conductor of ISI marked with 20 mm dia non-metallic PVC flexible conduit with 5 Amp,one way modular switch ISI marked and ceiling rose ISI marked mounted on Modular G.I. 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 - Polycab/Finolex/ L&T / Anchor / Havells / V Guard/ KEI/ Great White)Modular Type (Gr.A) (1.1.1-1.24.2)	3	Point	471.98	1415.94
35	-do- (Gr.C) (1.1.3-1.24.2)	3	Point	1018.74	3056.22
36	S/F of M.S. Box for 2 Module 18 swg (1.24.2)	6	Each	221.54	1329.24
37	S/F of 5 amp switch and 5A. Socket outlet of ISI marked on existing board (1.25.1 + 1.25.4)(Modular Type)	6	Each	227.69	1366.14
38	S/F of 15/16A. F.T. Power Plug & Socket (Modular type) (1.2.7)	4	Each	629.75	2519.00
39	Wiring for circuit/sub main alongwith earth wire with following sizes of PVC insulated single core multistrand copper conductor with ISI marked conforming to IS-694/1990 in 20 mm dia non metallic heacy duty flexible conduit 1.6 mm in recessed PVC conduit as required (make of wire-Finolex/L&T/Anchor/Havells/V-Guard).2x1.5 sqmm + 1 x 1.5 sqmm(1 .8.1)	40	Meters	133.96	5358.40

40	-do- 2 x 2.5 sqmm + 1 x 1.5 sqmm (1.8.2)	20	Meters	147.91	2958.20
41	S/F of batten holder BK angle holder ISI marked including connection etc. insulated of ceiling rose(1.29- 1.28)	2	Each	17.70	35.40
42	Supply of instalation, Testing commissioning of 15 Watt. LED bulb	2	Each	310.00	620.00
43	S/F of 60 watt. Energy efficient LED street light fittings. (Make- Crompton/Phillips/ HPL/ Havells/ Poly cab	1	Each	7823.90	7823.90
44	Supply, Installation, Testing and commissioning of 300mm sweep exhaust fan in the existing opening, including making the hole to suit the size of the above fan making good the damaged complete, connection,etc. as required.(1.43)(Make: usha/polycab/crompton/havells/anchor/orient)	1	Each	3245.00	3245.00
GST aplicable					
Total 44 items				423591.00	
				Rupees Four Lakh TwentyThree Thousand Five Hundred Ninety one Only	

My / Our Quoted rate is % (both figure & word) Excess over / Less than / Equal to above estimated cost.

Note

- 1 The Contractor should not write anything except quoting of percentage and incase of anything regarding tender.
- 2 Strick out which are not applicable.

Total :-44 (Forty Four) Items only

No. of correction :-

No.of overwriting :-

No. of Interpolation :-

Approved for 44 (Forty Four) Items only

Full signature of the Contractor with date.

Chief District Medical & Public Health Officer
cum District Mission Director Sundargarh