

## Bill of Quantity (BOQ)

### Repair & Renovation of Bargaonkachhar PHC of Bargaon block under DMF fund for NQAS for the year 2022-23

Sl. No	Item	Quantity	Unit	Rate	Amount
1	Earth work in excavation of foundation hard soil or gavelly soil including dressing and levelling the bed within initial leads and lifts as per direction of Engineer-in-charge.	26.38	Cum	199.60	5265.45
2	Supplying & filling foundation and plinth with sand well watered and rammed including cost of all materials, T&P etc complete as per direction of Engineer-in-charge.	4.49	Cum	456.30	2048.79
3	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 as per direction of Engineer-in-charge.	4.49	Cum	4828.80	21681.31
4	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 as per the direction of Engineer-in-charge.	2.98	Qntl	9229.00	27502.42
5	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 as per the direction of Engineer-in-charge.				
5.01	Column Base	2.00	Cum	5111.10	10222.20
5.02	Column & Beam	1.87	Cum	11005.80	20580.85
6	Brick work with Fly Ash bricks 23cm x 11cm x 8cm size having crushing strength not less than 75Kg/cm <sup>2</sup> with dimensional tolerance $\pm 2$ percent in cement mortar (1:6) in Foundation and Plinth including watering, curing, cost, carriage, royalty and taxes of all materials, cost of all labour, T&P etc complete as per direction of Engineer-in-charge.	1.62	Cum	4287.10	6945.10
7	Brick work with Fly Ash bricks 23cm x 11cm x 8cm size having crushing strength not less than 75Kg/cm <sup>2</sup> with dimensional tolerance $\pm 2$ 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 direction of Engineer-in-charge.	1.14	Cum	4320.10	4924.91
8	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 direction of Engineer-in-charge.	8.98	Qntl	10407.60	93460.25
9	Providing, fitting, fixing of PPGL Sheet in roof including fixing of ridges wind ties etc. complete but excluding cost of fitting including drilling holes in wind ties as per the direction of Engineer-in-charge.	50.94	Sqm	975.80	49707.25
10	12mm thick Cement Plaster in cement mortar (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 Engineer-in-charge.	33.00	Sqm	143.30	4728.90
11	Providing and fixing of design table with Cupboard consisting of BWR ply wood (ISI) with decorative laminate including all type of fittings such as handle, locks & nuts etc and jointing, finishing to a flush finish bonded with adhesive etc complete as per direction of the Engineer-in-charge.	1.35	Sqm	27146.40	36647.64

12	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 hangle, lock magnet, chain, channel, screw, blot & nuts etc. jointing finishing to a flush bonded with adhesive etc. complete as per direction of the Engineer-in-charge.	4.05	Sqm	11717.10	47454.26
13	Providing, fitting and fixing up partition walling aluminium anodized section No 9210 and 9207 as single groove and double groove respectively as horizontal and vertical member and section 4660 as tapered clip and jointing angle No 1855 etc excluding cost of laminated board as per direction of Engineer-in-charge.	39.13	Kgs	479.10	18747.18
14	Providing fitting, fixing of Aluminium door with anodized Al. door section of 9202 as vertical member, 9201 as top, 9200 as bottom and middle member with frame section as 9221 with tapered clip No. 4660 and the frame to be completed by means of jointing angle No. 1855 including all cost of labour, T&P, hire charges of drilling machine, labour charges etc complete excluding cost of laminated board as per direction of Engineer-in-charge.	24.95	Kgs	468.80	11696.56
15	Cement Concrete (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 as per the direction of Engineer-in-charge.	6.22	Cum	6156.60	38294.05
16	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 32 mm x 32mm x 2mm in 3 rows in staircase as per approved design and specification, buffing, polishing etc. with the cost, conveyance taxes of all material, labour, T&P etc. required for the complete in all respect as per the direction of Engineer-in-charge.	224.20	Kgs	335.10	75129.42
17	Supplying, fitting and fixing Glazed tile in floors treads or steps and landing laid on 25mm thick cement mortar (1:1) 1cement : 1 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.	3.68	Sqm	883.60	3251.65
18	Providing and fitting of ACP sheet in aluminium frame of doors, windows & ventilatos etc including cost of all materials, labour T&P etc complete as per the direction of Engineer-in-charge.	1.52	Sqm	744.80	1132.10
19	Finishing to the exposed surfaces of wall with weather coat of any approved shade on new work 2 coats to give an even shade over one coat of wall primer including cost of weather coat all cost of all labours and T&P etc. complete as per direction of Engineer-in-charge.	33.00	Sqm	135.10	4458.30
20	Fixing Wash down water closet ( European type W.C ) with intigral ' S ' or ' P ' trap confirming to IS 2556:Part 8-2004 to the floor with wooden plug and chromium plated screws including jointing the trap with soil pipe in cement mortar (1: 1) etc all complete as per the direction of Engineer-in-charge.				
20.01	White vitreous china Wash down water closet (EWC)	1.00	Nos	5234.10	5234.10
21	Providing and Fixing PVC Low level flushing cistern with manually controlled device ( hand lever) confirming to IS: 7231, with all fittings and fixtures etc, all complete as per the direction of Engineer-in-charge.				
21.01	10.00 ltrs capacity Low level flushing cistern-White	1.00	Nos	1697.80	1697.80
22	Fixing of Brass Screw -Down Bib Cocks (Tap) Polished bright confirming to IS:781-1995 of the following nominal sizes as per the direction of Engineer-in-charge.				

22.01	15 mm dia two way Bib Cock	1.00	Nos	1853.60	1853.60
22.02	15 mm diameter long handle elbow operated bib cock	4.00	Nos	1482.50	5930.00
22.03	Health Faucet with CP tube	1.00	Nos	1582.80	1582.80
<b>23</b>	Supply all material & T& P& Providing fitting & fixing Dr. Aqua guard ( Classic) of size 316 x 251 x 462 mm with wall hanging facility having storage of 7 liters etc. with internal water supply connection complete as per the direction of E.I.C.	1.00	Nos	11014.05	11014.05
<b>24</b>	Supplying, fitting, fixing of rectangular road signboard made out of 3mm thick Aluminium Composite Material (ACM) sheet duly coated one side loaded with pressure sensitive encapsulated lens type high intensive grade retro-reflective sheeting complete as per MoRTH technical specification clause 801.3 and IRC -67/2001 with Railing 50 mm outer dia of 2 mm thick fixed with single angle iron post as per specification including application of two coats of enamel paint of approved quality in tr form of checks white and black over the posts, fixed with C.C (1:2:4) cement concrete bace of 300mm Dia 600mm depth size of each post post as per approved drawing including cost, conveyance, royalty & taxes of all materials, labour, T&P etc, complete as per the direction of Engineer-in-charge. (For Citizen charter & service provision chart)	3.00	Nos	30121.80	90365.40
	GST as applicable				
	<b>Total 24 items</b>		<b>Total Estimated Cost</b>	<b>601,556.00</b> ( Rupees Six Lakh One Thousand Five Hundred Fifty Six) Only	

My 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 appliclable.

**Total :- 24 (Twenty Four) Items only**

**No. of correction :-**

**No.of overwriting :-**

**No. of Interpolation :-**

**Approved for 24 (Twenty Four) Items only**

Full signature of the Contractor with date.

**Chief District Medical & Public Health Officer  
Cum District Mission Director  
Sundargarh**