

## Bill of Quantity (BOQ)

### Construction of Temporary Kitchen Shed at DHH Sundargarh for the year 2020-21

Sl. No	Item	Quantity	Unit	Rate	Amount
1	Earth work in excavation of foundation in hard soil or gravelly soil including dressing and leveling the bed. initial leads, lifts & disposal of excavated earth by mechanical means as per the direction of Engineer-in-charge.	12.89	Cum	333.00	4292.37
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 as per the direction of Engineer-in-charge.	25.71	Cum	274.30	7052.25
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 as per the direction of Engineer-in-charge.	6.66	Cum	4601.30	30644.66
4	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.	3.95	Cum	5863.80	23162.01
5	R.C.C. M-20 grade with 20mm and down grade C.B. chips 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 cost of reinforcement complete as per the direction of Engineer-in-charge.				
5.01	Lintel	1.11	Cum	8380.20	9302.02
5.02	Chajja	4.86	Sqm	768.70	3735.88
6	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.	2.43	Qntl	6070.30	14750.83
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 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 Engineer-in-charge.	9.34	Cum	4024.30	37586.96

<b>8</b>	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 the direction of Engineer-in-charge.	20.61	Cum	4057.30	83620.95
<b>9</b>	Supplying M.S Door made out with ms flat , angle of approved design & specification including cost of all materials cost of manufacture, cost of one coat of primer, all taxes T&P etc complete as per the direction of Engineer-in-charge.	795.72	Kgs	72.00	57291.84
<b>10</b>	Labour charge for fitting ,fixing of M.S door,window, grill , Gate including all cost etc complete as per the direction of Engineer-in-charge.	13.68	Sqm	68.10	931.61
<b>11</b>	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	122.95	Sqm	130.70	16069.57
<b>12</b>	16mm 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 Engineer-in-charge.	90.84	Sqm	187.00	16987.08
<b>13</b>	Providing, fitting , fixing of GCI Sheet in roof including fixing of ridges wind ties etc. complete but excluding cost of fitting including drilling holes in wind ties as per direction of Engg-in charge.	70.15	Sqm	478.30	33552.75
<b>14</b>	Priming 1 coat with wall primer (water bond) of any approved shade including all costs complete as per the direction of Engineer-in-charge.	90.84	Sqm	57.30	5205.13
<b>15</b>	Distempering 2 coats to walls with distemper of approved shade on new work to give an even shade including cost of distemper and labour, T&P. etc complete. as per direction of Engineer-in-charge.	90.84	Sqm	62.40	5668.42
<b>16</b>	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 as per the direction of Engineer-in-charge.	122.95	Sqm	127.40	15663.83
<b>17</b>	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.	15.66	Sqm	131.70	2062.42
<b>18</b>	Fixing Rational moulded Polythylene cylindrical vertical water storage tanks confirming to IS:12701--1996 including cutting holes through the tank and fixing mild steel tubes and fittings and providing extra socket ,jam nut, fixing ball valves etc including hoisting upto a height of 5 mtr above ground level and placing the tank to the required position etc all complete as per specification and direction of Engineer-in- Charge.				
<b>(i)</b>	2000 litres capacity PVC water storage tank	1.00	Nos	21434.90	21434.90

<b>19</b>	Providing and fixing to wall or ceiling and floor Chlorinated Polyvinyl Chloride (CPVC) Pipes conforming to IS: 15778 of the following nominal bore with clamp including making good the damages to wall, ceiling & floor etc complete as per specification as per direction of Engineer in Charge.				
<b>(i)</b>	25 mm nominal outer dia pipe	30.00	Mtrs	301.00	9030.00
<b>20</b>	Fixing of UPVC Ball Valve (Horizontal plunger type) conforming to IS: 1703-1977 as per specification & direction of Engineer-in-charge.				
<b>(i)</b>	25 mm dia	3.00	Nos	623.20	1869.60
<b>(ii)</b>	50 mm dia	2.00	Nos	2079.10	4158.20
<b>21</b>	Providing and laying in trenches PVC pipe (4Kg/cm <sup>2</sup> ) as sewer line and aligning to requisite gradients inside the trench, jointing with solvent cement with 0.08m sand filling in bed, 0.10m C.C (1:4:8) using 40 mm size hbg metal in bed & for intermediate pillar including lowering the pipes to the bed of trench, Earthwork in excavation in all kind of soil, Filling the trenches with excavated earth with watering and ramming and removal of surplus earth, testing of sewer line etc. complete as per the direction of Engineer in charge.				
<b>(i)</b>	160 mm PVC Pipe	18.00	Mtrs	935.70	16842.60
<b>22</b>	Fixing of Brass Screw -Down Bib Cocks (Tap) Polished bright conforming to IS:781-1995 of the following nominal sizes as per specification complete as per the direction of Engineer in charge.				
<b>(i)</b>	15 mm dia C.P. Brass Short Body Bib Cock	4.00	Nos	672.10	2688.40
<b>23</b>	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 Amp, 250 V piano type switch ISI marked and ceiling rose ISI marked mounted on MS box having front bakelite mm dia non-metallic PVC conduit with 5 cover of suitable size, MS box with 1.5 sq.mm FR PVC insulated single core multistrand copper conductor as earth wire including all accessories and connection as per direction of Engineer in charge.				
<b>(i)</b>	Group (A)	5.00	Nos	584.20	2921.00
<b>(ii)</b>	Group (B)	2.00	Nos	690.00	1380.00
<b>(iii)</b>	Group (C)	8.00	Nos	829.00	6632.00
<b>24</b>	Supplying and fixing of following piano type switch / socket on the existing switch box / cover including connections etc as required (5/6A) as per direction of Engineer in Charge.				
<b>(i)</b>	On existing board	4.00	Nos	212.00	848.00
<b>25</b>	Supplying and fixing of following piano type switch / socket on the existing switch box / cover including connections etc as required (15/16A) as per direction of Engineer in Charge.				
<b>(i)</b>	On existing board	2.00	Nos	642.00	1284.00

26	Supplying and fixing batten holder / BK angle holder ISI marked including connection etc as required as per direction of Engineer in Charge.	8.00	Nos	43.00	344.00
27	Supply and fixing of single pole MCB with sheet steel enclosure, distribution board, on surface /recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, detachable gland plate, interconnection, phosphate and powder painted including earthing etc as required as per direction of Engineer in Charge.	1.00	Nos	1493.90	1493.90
28	Supply and drawing of following sizes FR PVC insulated single core multistrand copper conductor in existing surface / recessed STEEL/PVC conduit as required (2 x 2.5 sqmm) as per direction of Engineer in Charge.	30.00	Mtrs	115.00	3450.00
	GST as applicable				
					<b>4,41,957.00</b>
	<b>Total 28 items</b>		<b>Total Estimated Cost</b>		( Rupees Four Lakh Fourty One Thousand Nine Hundred Fifty Seven ) 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 applicable.

**Total :- 28 (Twenty Eight) Items only**

**No. of correction :-**

**No.of overwriting :-**

**No. of Interpolation :-**

**Approved for 28 (Twenty Eight) Items only**

**Full signature of the Contractor with date.**

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