

## BILL OF QUANTITY (BOQ)

NAME OF THE WORK: -Const. of Model AWC at Budabahal Kudarpada, Megdega

Amount put to Tender	: Rs.20,97,000.00
EMD	: 1% of the Amount put to Tender
Class of Contractor	: C' & B' class only
Cost of Tender Paper	: Rs.6000.00
Date of sale of Tender Paper	: 20.09.2024 to 03.10.2024 up to 5.00P
Rate of Receipt of Tender Paper	: 03.10.2024 up to 5.00P.M.
Date of Opening of Tender	: 04.10.2024
Date required for completion	: 6(Six) calender Month

SL. NO.	DESCRIPTION OF ITEM	QUANTIT Y	UNIT	RATE	AMOUNT
1	Earth Work in exavation of foundation in ordinary soil within initial leads of 50m & lifts of 1.5m including dressing and levelling of bed etc. and adding contractor's profit and over head charges, etc. complete in all respect	94.77	Cum	211.00	19997.00
2	Supplying & filling foundation and plinth with course sand well watered and rammed including cost, cost of all labour, carriage, royalty, etc complete.	50.40	Cum	882.10	44458.00
3	Cement Concrete (1:3:6) using 4cm size hard granite C.B. metal approved quality from approved quarry including cost, carriage, royalty, cost of all labour. etc complete.	23.90	Cum	5638.60	134763.00
4	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.	3.26	Cum	7126.80	23219.00
5	Providing , lifting hoisting laying Reinforced cement concrete of M20 grade in column footings , as per approved designs and drawings having a munimum compressive strength ( in work test) 200 Kg./ Square cm in 15cm. Cubes at 28 days after mixing and tests conducted in accordance with I.S. 416 using 12mm to 20 mm size black hard crusher broken granite stone ships of approved quality from approved quarry washed and cleaned (20mm size not to exceeds 25%) to be mixed in concrete mixture with ordinary protland cement (OPC) including noisting, lowering lying an dcompacting concrete by susing vibrators, watering and curing for 28 days centering and shuttering and finishing the exposed surface smooth proving grooves or beads wherever necessary including cost conveyance, loading and unloading royalties and taxes of all materials and cost of all labours sunones , T & P required fo rthe work ect complete in all respect excluding cost and conveyance of HYSD/MS steel and binding wires , and labour charges for straightaining, cutting , bending etc of M.S. rods of for steel and binding.	34.1	Cum	6113.40	208467.00
6	Rigid smooth centering shuttering for R.C.C.work including all cost etc complete				
6.1	Column base & Footing	21.90	Cum	234.90	5145.00
6.2	Plinth Beam	20.50	Cum	234.90	4815.00
6.3	Lintel Beam	30.40	Cum	529.80	16106.00
6.4	Ground Floor Column/ Beam	47.90	Cum	1022.60	48983.00
6.5	Ground Floor Roof Slabs /chajja	138.00	Cum	677.60	93509.00
7	25mm thick Grading Concrete (1:2:2) on roof slab with 6 mm down grade size black HG chips for old work etc complete per 1 Sqm	105.10	Sqm	345.20	36281.00

8	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 etc. complete.	35.51	Qnt	8875.7	315140.60
9	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 of carriage and royalty of all materials, cost of all labour, etc complete.	31.81	Cum	5123.20	162963.87
10	Upto Basement		Cum		0.00
11	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 Super Structure including watering curing, cost of carriage and royalty of all materials, cost of all labour, etc complete.	45.90	Cum	5156.60	236687.94
12	Upto Basement		Cum		0.00
13	Brick masonry work with Fly Ash bricks in cement mortar (1:4) in <b>super structure</b> including cost, carriage & royalty of materials etc. complete as per the direction of Engineer-in-charge.	3		5390.6	16171.80
14	12mm thick C.P.(1:6) on brick masonry to the smooth surface including watering, curing, cost, carriage, royalty of all materials, cost of all labour, etc complete as per the direction of E.I.C.	258.90	Sqm	159.20	41216.88
15	16mm thick C.P. (1:6) over brick masonry to the smooth surface including watering, curing cost, carriage, royalty, and taxes of all materials, cost of all labour, etc complete as per the direction of E.I.C.	358.50	Sqm	226.20	81092.70
16	6 mm thick C.P. (1:4) to RCC surfaces finished smooth including closed deep chipping and slurry treatment , watering, curing cost, carriage & royalty of all materials, cost of all labour, etc complete as per the direction of E.I.C.	93.70	Sqm	174.20	16322.54
17	12mm thick C.P. in C.M.(1:4) 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.	21.012		180.6	3794.77
18	Supplying,fitting and fixing MS Grills,Doors and Windows made out of structural steel flat etc as per direction of Engineer in charge.		Kgs		0.00
19	Supplying, fitting and fixing vitrified tile (Printed) in floors of size 600mm x 600mm of approved make conformaing 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. (For New work only)	69.00	Sqm	1147.60	79184.40
20	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.	7.70	Sqm	1254.30	9658.11
21	Fixing 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 shades of the tiles including cost of tiles.	26.3	Sqm	916.80	24111.84

22	Fixing glazed tiles (30cmx30cm / 40cm x 40cm special plain/printed series ceramic tiles of premium grade having thickness 7 mm to 8mm confirming 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.	3.60	Sqm	862.10	3103.56
23	Fixing Vitrified Industrial tiles in floors treads or steps 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.	6.3	Sqm	1011.20	6370.56
24	Fixing Vitrified industrial tiles (size 600mmx600mm) (Plain) 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.	2.7	Sqm	1117.90	3018.33
25	Fixing granite tile (Above 0.40 Sqm) (20mm thick) in floors treads or steps and landing on 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 rubbing and polishing complete including cost, carriage, royalty & taxes of all material, cost of all labour T&P etc. complete.	3.3	Sqm	2777.20	9164.76
26	Priming 1 coat to M.S. doors and Windows including all labour, materials, T&P etc. complete.	14.2	Sqm	61.1	867.62
27	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.	14.2	Sqm	152.6	2166.92
28	Finishing surface of walls with Cement based wall putty & making smooth to recive painting including cost of scaffolding etc. with cost of all materials, labour T&P etc. complete.	453.7	Sqm	76.8	34844.16
29	Priming 1 coat with wall primer water bond cement primer including all labour, materials, T&P etc. complete.	677.1	Sqm	66.8	45230.28
30	Wall painting two coat with any approved weather coat paint including cost of all materials, labour and T&P require for the work etc. complete as directed by the E.I.C.	353.00	Sqm	82.20	29016.60
31	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.	324.1	Sqm	89.1	28877.31
32	Supplying, fitting and fixing of 32mm thick flush door shutter 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	10.5	Sqm	10775.3	113140.65
33	Supplying , fitting and fixing of two track UPVC sliding window of approved make with 6mm thick glass of approved quality complete with frame, shutters and all fitting and fixtures.	10.44	Sqm	5010.60	52310.66
34	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	230.3	Kgs	57.6	13265.28
35	FRP DOOR	3.15	Sqm	2000.00	6300.00
36	WPC choukath with any approved quality including fitting & fixing in position complete.( Section : 10cm x 7.5cm)	26	RM	600.00	15600.00

37	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.	10.9	Sqm	94.3	1027.87
38	Supplying and fixing of 60mm thick cement concrete interlocking paver block 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.	12	Sqm	490.1	5881.20
39	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 aquare pipe bracing of size case as per approved design and specification, buffing, polishing etc. with the cost, conveyance taxses of all material, cost of all labour etc. complete in all respect. (in all floor)	25	Kgs	290.8	7270.00
40	2.5 cm thick damp Proof Course in cement Concrete (1:2:4) using 12 mm size hgcb chips with all cost of materials, conveyance, labour, T&P etc. complete.	20.2	Sqm	327.7	6619.54
41	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 necessaty 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)				0.00
42	00 mtr to 30.00 mtr	30	MT	680.00	20400.00
43	30 mtr to 90.00 mtr	60	MT	560.00	33600.00
44	Labour for Lowering the 125mm dia PVC/G.I. pipes with or without soltted pipes as per the necessaty 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.	30	MT	121.00	3630.00
45	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	1	NOS	3622.00	3622.00
46	Cost of submersible Pump 1 HP Including all fitting and fixing in position, cost of cable wire, rope wire, HDPE, panel board etc. complete.	1	NOS	30000.00	30000.00
<b>TOTAL AMOUNT</b>					2097415.75
					Or Say
					2097000.00

Total 46(Fourty Six) nos. of items only

  
Junior Engineer  
Tangarpali Block

  
Asst. Executive Engineer  
Tangarpali Block

  
Block Development Officer  
Tangarpali Block

**The Tenderer are required to put their percentage of rate in the blank**  
My/Our quoted rate is \_\_\_\_\_%(Figure) \_\_\_\_\_ (In word

\*Less than/Excess over/ Equal to the amount put to tender.

Total number of Items:.....	
Number of Corrections:.....	
Number of interpolation:.....	
Number of over writings:.....	
E.M.D Funnished/EMD Exempted	
(A)Demand Draft No.....	
(B)Ammount Rs.....	
Copy of PAN card:furnished/not furnished	
Copy of GST Registration:furnished/not furnished	
Copy of Contractor's Liccence:furnished/not furnished	
Copy of Experience certificate:furnished/not furnished	
Total No of sheets in the Tender Papers:.....	

**Full Signature of Contract**

**Signature of the Bidder/Tenderer**

  
**Signature of the B.D.O**  
**TANGARPALI BLOCK**