

BOQ FOR THE CONSTRUCTION OF BOUNDARY WALL WITH R.C.C PILLARS, TIE / PLINTH BEAMS, CAP BEAMS & BRICK WALLS, GUARD ROOM, WASHROOM AND BOREWELL ETC. AT BANK'S PLOT OF LAND UNDER CORE CAPITAL AREA, PHASE- I, HEC, DHURWA, RANCHI.

TOTAL LENGTH OF BOUNDARY WALL- 1,024'-0" =312.12 Meters.

HEIGHT OF BOUNDARY WALL FROM G.L-8'-0"

NO'S OF R.C.C PILLARS- 135 No's AT 8'-0" C / C

Sl. No	Description of Items of Works	Unit	Quantity	Rate (Rs.)	Amount
1.	Earth work excavation in foundation trenches with ordinary soil etc. to complete job.	Cu.m	283.00		
2.	supplying and filling of local earth (including royalty) by mechanical transport upto a lead of 5km also including ramming and watering of the earth in layers not exceeding 20 cm in trenches, plinth, sides of foundation etc. complete.	Cu.m	15.00		
3.	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	Cu.m	104.00		
4.	Providing 0'-6" thick sand filling including cost of labour & materials etc. .do to complete job.	Cu.m	35.00		
5.	Providing designation 100A brick flat soling and joints filled with local sand in foundation and below the Tie beams etc. to complete job.	Sq.m	347.77		
6.	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to ground level 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size)	Cu.m	2.50		
7.	Providing R.C.C(1:1.5:3) in foundation trenches with stone chips & approved quality of sand do to complete job.	Cu.m	140.42		
8.	Providing R.C.C(1:1.5:3) in tie / plinth beams with stone chips & approved quality of sand do to complete job.	Cu.m	28.00		
9.	Providing designation 100A B/W in C.M (1:4) in S / S with approved quality of sand do to complete job	Sq.m	674.26		
10.	Providing 0'-9" thick R.C.C (1:1.5:3) in cap beams with stone chips & approved quality of sand do to complete job.	Cu.m	18.05		
11.	Providing ½" thick C.P in C.M (1:4) with approved quality of sand do to complete job.	Sq.m	1637.07		
12.	Cement punning of the room with 1:4 ratio with all complete job or as directed by EIC	Sq.m	9.50		
13.	Providing R.C.C (1:1.5:3) in Pillars with stone chips & approved quality of sand do to complete job.	Cu.m	25.25		
14.	Providing 2 or more coats of weather coat paint of Asian paints/ICI Dulux/ Berger/Nerolac or equivalent approved brand over a coat of cement primer to give an even shade over newly plaster finished walls & ceilings as per direction of Bank.	Sq.m	1844.04		
15.	Providing average 2mm to 3mm thick wall putty of approved shed and make of J.K. / Birla as per Bank's specifications includes all labor material and transportation etc to complete job as per direction of E / I.	Sq.m	1907.04		

16.	Providing tore bar including cutting, bending, binding & placing of rods etc. to complete job. (Make-Tata/Sail) Foundation in Jali: - 10 mm dia. bar in both ways at 100mm C/C. Tie / Plinth Beam: - 16 mm bar= 04 no's & 12mm bar-02 no's. Stirrups-8mm dia.at 200mm C/C. Stiffener / Pillar: - 12mm bar =04 no's, Stirrups-8mm dia.at 200mm C/C. Cap / Top Beam: - 12mm bar =04 no's & 10mm bars=02 nos. Stirrups-8mm dia.at 200mm C/C.	M.T	24.67		
17.	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gates and similar works	Kg	1000.00		
18.	Providing two or more coats painting with finest 1 st quality synthetic enamel paint of Asian paints / ICI Dulux/ Berger Nerolac/ equivalent approved brand of specified colour to give an even after proper scrapping, sand-papering, etc. as per direction of Bank.	Sq.m	23.92		
19.	Extra for providing and placing in position 2 no's 6mm dia. M.S bars at every third course of half brick masonry etc. to complete job.	Sq.m	594.26		
20.	Centering & shuttering of RCC wok including cost of labour and materials etc. to complete job.	Sq.m	944.71		
21.	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand) including pointing the joints with white cement and matching pigment etc., complete.(Make as per approved by bank like Nitco, Somany, Kajaria) with all complete job.	Sq.m	4.00		
22.	Providing and laying Ceramic glazed wall tiles of size 300x450 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand) including pointing the joints with white cement and matching pigment etc., complete.(Make as per approved by bank like Nitco, Somany, Kajaria) with all complete job.	Sq.m	13.00		
23.	Providing and fixing 1 mm thick M.S. sheet door with frame of 40x40x6 mm angle iron and 3 mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer. Using M.S. angels 40x40x6 mm for diagonal braces	Sq.m	1.95		
24.	Providing corrugated G.S. sheet roofing including vertical/curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete	Sq.m	28.00		

	(up to any pitch in horizontal/ vertical or curved surfaces), excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required. 0.63 mm thick with zinc coating not less than 275gm/ m ²				
25.	Providing and fixing MS pipe 2"x2" size	Rm.	25.00		
26.	Providing and fixing MS Ventilator 2'x1'6" size	No.	1.00		
27.	Providing and fixing heavy duty 15 mm dia C.P. brass two in one bib cock approved with wall flange all complete as per standard specifications	No.	1.00		
28.	Supply and fixing of connection pipe from angle cock/ stop cock to pillar cock.	No.	4.00		
29.	Providing and fixing of C.P. Jali 1 st quality pure stainless steel.	No.	1.00		
30.	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required. White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	No.	1.00		
31.	Providing and laying of 100/75 mm Upvc of supreme make or as per approved by EIC. Including the cost band, tee or other fixtures and all complete job.	Rm.	10.00		
32.	Providing and fixing conceal plumbing work with ISI make pipes, fittings, bends, stop cock, angle cocks etc all complete with labour and material.	LS	1.00		
33.	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia. & length (including hold fast lugs or dash fastener) all complete as directed.	Cu.m	0.15		
34.	Providing and fixing ISI marked flush door shutters conforming to IS: 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters including cost of all hinges, lock, door stopper and tower bolt including all cost and as directed.	Sq.m	1.95		
35.	Construction of soak pit including all necessary connection with all labour and materials all complete	LS	1.00		
36.	Boring with 100 mm diameter casing pipe for hand pump / tube well, in all soils except ordinary hard rocks requiring blasting, including removing the casing pipe after the hand pump / tube well is lowered and tested, Beyond 12 m and up to 18 m depth.	Meter	100.00		
37.	Providing and placing in position filters of 40 mm diameter G.I. pipe with brass strainer of approved quality.	Meter	10.00		

38.	Providing and fixing to filter and lowering to proper levels 40 mm G.I. pipe for tube well including cleaning and priming the tube well.	Meter	90.00		
39.	Supply & installation of 3HP pump of approved make for submersible pump	Each.	01.00		
40.	Providing and fixing concertina coil fencing with punched tape concertina coil 600 mm dia 10 metre openable length (total length 90 m), having 50 nos rounds per 6 metre length, upto 3 m height of wall with existing angle iron 'Y' shaped placed 2.4m or 3.00 m apart and with 9 horizontal R.B.T. reinforced barbed wire, stud tied with G.I. staples and G.I. clips to retain horizontal, including necessary bolts or G.I. barbed wire tied to angle iron, all complete as per direction of Engineer-in-charge, with reinforced barbed tape(R.B.T.) / Spring core (2.5mm thick) wire of high tensile strength of 165 kg/ sq.mm with tape (0.52 mm thick) and weight 43.478 gm/ metre (cost of M.S. angle, C.C. blocks shall be paid separately)	Meter	313		
41.	Providing and fixing 'Y'- shaped angle of size 50X50X6 in rcc column @ 2.5 m C/C in boundary for fixing concertina coil including cutting, hoisting, welding in position and applying a priming coat of approved steel primer all complete.	Kg	760.00		

**Grand Total --
(Inclusive of transportation but excluding of GST)**