

Bill of Quantities(BOQ)

NAME OF WORK :-

Const Of New Office Building And Godown Of 50MT
at Lathikata Block

NAME OF AREA :-

Lathikata

SCHEME

Sl No	Items of work	Quantity	Unit	YEAR	
				Rates in Rs	Amount in Rs
1	2	3	4	5	6
1	Earth work excavation of foundation trench in hard soil including dressing and levelling the bed with initial lead of 50m. and 1.5 m. initial lift including all costs of labour materials required for the work etc. complete and as per direction of Engineer in charge.	34.70	100Cum	270.90	9400.00
2	Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.	24.70	Cum	720.00	17784.00
3	Cement Concrete(1:3:6)with 4 Cm.size H.G.C.B. metal including cost, carriage & royalty of materials etc. complete as per the direction of Engineer-in-charge.	11.20	Cum	5570.50	62390.00
4	Cement Concrete (1:2:4) using 12mm size H.G.C.B. chips including cost, carriage & royalty of materials etc. complete as per the direction of Engineer-in-charge.	0.9	Cum	7153.40	6438.00
5	Brick masonry work with Fly Ash bricks in cement mortar (1:6) F & P including cost, carriage & royalty of materials etc. complete as per the direction of Engineer-in-charge.	16.70	Cum	5539.90	92516.00
6	Brick masonry work with Fly Ash bricks in cement mortar (1:6) in super structure including cost, carriage & royalty of materials etc. complete as per the direction of Engineer-in-charge.	18.90	Cum	5573.30	105335.00
7	RCC work of M 20 grade with 20 mm and down grade black hard granite (Crusher Broken) chips including hosting and laying & royalty of materials etc. complete as per the direction of Engineer-in-charge.				
A	Column footing	5.00	Cum		
B	Plinth Band	2.88	Cum		
C	Lintel Band	1.60	Cum		
C	Column & Beam	3.90	Cum		
F	Chajja & Roof slab	6.86	Cum		
	Total	20.20	Cum	5674.70	114629.00
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.	20.20	Qtl	8782.50	177407.00
9	Rigid smooth centering & shuttering to R.C.C.work including falsework & dismantling them after casting including cost of materials etc comp.				
	Column base footing	7.50	Sqm	248.40	1863.00
	Plinth band	14.40	Sqm	248.40	3577.00
	Lintel Band	22.30	Sqm	572.70	12771.00
	Beam & column	31.20	Sqm	1192.30	37200.00
	Roof slab & chajja	68.60	Sqm	758.50	52033.00

10	12 mm thick cement plaster with cement mortar (1:6) over brick work including cost, carriage & royalty of materials etc. complete as per the direction of Engineer-in-charge.	105.50	Sqm	185.60	19581.00
11	16 mm thick cement plaster with cement mortar (1:6) over brick work including cost, carriage & royalty of materials etc. complete as per the direction of Engineer-in-charge.	151.10	Sqm	268.00	40495.00
12	6 mm thick cement plaster (1:4) to RCC surfaces finished smooth including closed deep chipping and slurry treatment, 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.	41.10	Sqm	207.60	8532.00
13	Supplying, fitting & fixing Vitrified tile (plain /ivory) in floors of size 600mm x600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar (1:4) and filling joints with white cement of approved quality including cost of all work all materials, taxes, labour, T&P, etc. complete as per direction of Engineer-in-charge.	43.10	sqm	1134.10	48880.00
14	Fixing Vitrified tiles (size 600mmx600mm) (plain /ivory) 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.	8.30	Sqm	1264.90	10499.00
15	Supplying, fitting and fixing Industrial Vitrified tile in dados skirting and risers of steps of size 300mm x 300mm of approved make conforming to IS : 4457 laid on 12 mm thick cement mortar (1:3) (1 cement : 3 course sand) including cost of all materials, labour T&P etc. required for the work all complete as per direction of E.I.C.	16.00	Sqm	1181.70	18907.00
16	Supplying, fitting and fixing Industrial Vitrified tile in floors of size 300mm x 300mm of approved make conforming to IS : 4457 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..	3.80	Sqm	1050.90	3993.00
17	2.5cm thick grading concrete (1:2:2) on roof slab with 6mm size hard crusher broken granite chips on new work including watering curing cost of all materials, water-proofing compounds, T. & P. required for the works etc complete.	54.00	Sqm	381.20	20585.00
18	Priming 1 coat with any approved quality to M.S. doors and Windows including all labour, materials, T&P etc. complete.	38.40	Sqm	73.60	2826.00
19	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.	38.4	Sqm	182.00	6989.00
20	Finishing to the exposed surfaces of Wall with weather coat of any approved shade on new work two coat to give an even shade including cost of weather coat, all labour, materials, T&P etc complete.	105.50	Sqm	95.90	10117.00
21	Distemping two coat to wall with distemper of any approved shade on new work to give an even shade Including cost of Distemper and labour, T & P etc complete.	173.70	Sqm	86.60	15042.00

22	Priming one coat with wall primer water bond cement primer all labour,materials, T&P etc complete.	279.20	Sqm	79.30	22141.00
23	Supplying of MS 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.				
	Door	143.30	kg	70.20	10060.00
	M . S WINDOWS	265.80	kg	68.00	18074.00
	M S GRILL	18.00	kg	57.60	1037.00
	PVC DOOR	1.60	Sqm	2000.00	3200.00
24	Fitting ,fixing of iron doors/windows shutter with frame of approved design and size with all labour and T&P required for the work etc complete as per the direction of E.I.C.	13.80	Sqm	94.30	1301.00
25	Add extra cost of Electrification @ 6.80% (to be paid as per actual)				64981.00
26	Add extra cost for PH and Sanitary @ 6.80% (to be paid as per actual)				64981.00
27	Add for transparency Board				3500.00
28	Add towards cost of office sign Board after completion of work				3500.00
	const of 50MT godown				
29	Earth work excavation of foundation trench in hard soil including dressing and levelling the bed with initial lead of 50m. and 1.5 m. initial lift including all costs of labour materials required for the work etc. complete and as per direction of Engineer in charge.	50.60	Cum	270.90	13708.00
30	Filling in Foundation and Plinth with sand well watered and rammed including cost, carriage & royalty of materials etc. complete as per the direction of Engineer-in-charge.	53.10	Cum	720.00	38232.00
31	Cement Concrete(1:3:6)with 4 Cm.size H.G.C.B. metal including cost, carriage & royalty of materials etc. complete as per the direction of Engineer-in-charge.	16.30	Cum	5570.50	90799.00
32	Cement Concrete (1:2:4) using 12mm size H.G.C.B. chips including cost, carriage & royalty of materials etc. complete as per the direction of Engineer-in-charge.	10.20	Cum	7153.40	72965.00

33	Brick masonry work with Fly Ash bricks in cement mortar (1:6) F & P including cost, carriage & royalty of materials etc. complete as per the direction of Engineer-in-charge.	15.90	Cum	5539.90	88084.00
34	Brick masonry work with Fly Ash bricks in cement mortar (1:6) in super structure including cost, carriage & royalty of materials etc. complete as per the direction of Engineer-in-charge.	27.00	Cum	5573.30	150479.00
	First Floor (above 3.60m height)	9.60	Cum	5944.00	57062.00
35	RCC work of M 20 grade with 20 mm and down grade black hard granaite (Crusher Broken) chips including hosting and laying & royalty of materials etc. complete as per the direction of Engineer-in-charge.				
	Column footing	9.33	Cum		
	Plinth band	3.45	Cum		
	Lintel band	1.48	Cum		
	Column & Beam	2.35	Cum		
	Chajja & Roof slab	0.04	Cum		
	Total	16.70	Cum	5674.70	94767.00
	First floor above 3.65 m height				
	Lintel bend	1.19	Cum		
	Column & Beam	0.87	Cum		
		2.10	Cum	5794.30	12168.00
36	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.				
	Ground floor(up to 3.65 m height)	16.70	QTL	8782.50	146668.00
	First floor (above 3.65 height)	2.10	QTL	8815.30	18512.00
37	Rigid smooth centering & shuttering to R.C.C.work including falsework & dismantling them after casting including cost of materials comp.				
	Column base footing	14.00	Sqm	248.40	3478.00
	Plinth band	17.30	Sqm	248.40	4297.00
	Lintel Band	20.70	Sqm	572.70	11855.00
	Beam & column	18.80	Sqm	1192.30	22415.00
	Roof slab & chajja	0.40	Sqm	758.50	303.00
	First floor (above 3.65 height)	16.70	Sqm	687.30	11478.00
	Lintel band	7.00	Sqm	1430.70	10015.00
	Beam & column				
38	12 mm. thick cement plaster with cement mortar (1:6) over brick work including cost, carriage & royalty of materials etc. complete as per the direction of Engineer-in-charge.				

	Ground floor(up to 3.65 m height)	173.10	Sqm	185.60	32127.00
	First floor (above 3.65 m height)	55.50	Sqm	193.20	10723.00
39	16 mm. thick cement plaster with cement mortar (1:6) over brick work including cost, carriage & royalty of materials etc. complete as per the direction of Engineer-in-charge.				
	Ground floor(up to 3.65 m height)	127.60	Sqm	268.00	34197.00
	First floor (above 3.65 m height)	42.30	Sqm	274.80	11624.00
40	Supplying,fitting & fixing Vitrified tile (plain /ivory) in floors of size 600mm x600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar (1:4) and filling joints with white cement of approved quality including cost of all work all materials,taxes,labour, T&P ,etc. complete as per direction of Engineer-in-charge.	4.50	Sqm	1134.10	5103.00
41	Fixing Vitrified tiles (size 600mmx600mm) (plain /ivory) 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.	1.20	Sqm	1264.90	1518.00
42	Supplying, fitting and fixing Industrial Vitrified tile in dados skirting and risers of steps of size 300mm x 300mm of approved make conformaing to IS : 4457 laid on 12 mm thick cement mortar (1:3) (1 cement : 3 course sand) including cost of all materials, labour T&P etc. required for the work all complete as per direction of E.I.C.	11.00	Sqm	1181.70	12999.00
43	Supplying, fitting and fixing Industrial Vitrified tile in floors of size 300mm x 300mm of approved make conformaing to IS : 4457 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..	1.90	Sqm	1050.90	1997.00
44	Priming 1 coat with any approved quality to M.S. doors and Windows including all labour, materials, T&P etc. complete.				
	Ground floor(up to 3.65 m height)	44.00	Sqm	73.60	3238.00
	First floor (above 3.65 m height)	31.40	Sqm	76.80	2412.00
45	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.				
	Ground floor(up to 3.65 m height)	44.00	Sqm	182.00	8008.00
	First floor (above 3.65 m height)	31.40	Sqm	186.70	5862.00
46	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.	68.60	Sqm	683.10	46861.00

47	Priming one coat with wall primer water bond cement primer all labour, materials, T&P etc complete.				
	Ground floor (up to 3.65 m height)	300.70	Sqm	79.30	23846.00
	First floor (above 3.65 m height)	97.80	Sqm	81.30	7951.00
48	Finishing to the exposed surfaces of Wall with weather coat of any approved shade on new work two coat to give an even shade including cost of weather coat, all labour, materials, T&P etc complete.				
	Ground floor (up to 3.65 m height)	173.10	Sqm	95.90	16600.00
	First floor (above 3.65 m height)	55.50	Sqm	99.50	5522.00
49	Finishing walls with water proofing cement paint of approved shade on new work 2 coat to give an even shade including curing, cost of cement paint, cost of all labour, over in all floors as per the direction of Engineer - in - charge. T&P, etc complete				
	Ground floor (up to 3.65 m height)	115.40	sqm	44.30	5112.00
	First floor (above 3.65 m height)	42.30	sqm	45.90	1942.00
50	Supplying of M.S. Gate, 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				
a)	M.S Rolling shutter	158.60	kg	67.70	10737.00
b)	M S DOOR	81.90	kg	70.20	5749.00
c)	M.S Window	108.00	kg	68.00	7344.00
d)	M.S Grill	81.00	kg	57.60	4666.00
E)	M.S TRUSS excluding purlins	632.00	kg		
	M.S Purlins made of channel	799.48	kg		
	At ver opening (ISMC 125X65X5.3)	52.40	kg		
	M.S Flats (25mmx10mm) Wind ties	94.80	kg		
		15.79	Qtl	8263.50	130481.00
F)	PVC Door D3	1.90	Sqm	2000.00	3800.00
51	Fitting, fixing of iron doors / windows shutter with frame of approved design and size with all labour and T&P required for the work etc complete as per the direction of the Engineer-in-charge.	13.20	Sqm	94.30	1245.00
52	Add extra cost of Electrification @ 6.80% (to be paid as per actual)				84929.00
53	Add extra cost for PH and Sanitary @ 6.80% (to be paid as per actual)				84929.00
	SEPTIK TANK & SOAK PIT				
54	Earth-work in excavation of foundation in hard soil or gravelly soil including dressing and leveling the bed and disposal of the excavated materials within initial leads and lifts as per direction of E.I.C.	10.973	CUM	270.90	2973.00

55	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.	1.758	CUM	7153.40	12576.00
56	Rigid smooth centering & shuttering to R.C.C.work including falsework & dismantling them after casting including cost of materials comp.	9.804	Sqm	248.40	2435.00
57	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.	1.41	Qtl	8782.5	12383.00
58	Brick masonry work with Fly Ash bricks in cement mortar (1;6) F & P including cost, carriage & royalty of materials etc. complete as per the direction of Engineer-in-charge.	6.493	Cum	5539.90	35970.00
59	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	Sqm	204.9	4305.00
60	Add For antitermite tretment in foundation Trenches and Flooring with approved chemical				10000.00
61	Add for Site development , approach road,photography & other unforeseen items etc.		LS		1300.00
					2593313.00
62	Add for Contingency & Quality control @1%		LS		25933.00
63	Add 9% CGST and 9% SGST @	18.00	%	Rs	466796.00
				Rs	3086042.00
	Rupees Thirty lakhs Eighty Six Thousand only		Or say	Rs	3086000.00

Junior. Engineer
Lathikata Block

Asst. Exe.Engineer
Lathikata Block

Block Development Officer
Lathikata Block