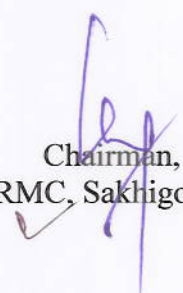


# BILL OF QUANTITIES

Contractor

  
Chairman,  
RMC, Sakthigopal

## BILL OF QUANTITIES

**NAME OF THE WORK :- CONSTRUCTION OF 1000 M.T STORAGE GODOWN 2 Nos  
AT SAKHIGOAL MAIN MARKET YARD**

**ESTMATED COST:- Rs 95,59,197/-**

SL.NO	DESCRIPTION OF ITEM OF WORKS	UNIT	QUANTITY	RATE PER UNIT	AMOUNT Rs. P
1	Earth work in excavation in foundation in all kinds of soil including hard soil moorum, stony, earth, earth mixed with boulders (except sheet rock and boulders requiring blasting) with all leads and lifts including dressing and leveling the bed and depositing the excavated earth at places away from work site with al leads and lifts including cost of all labour and T & B required for the work etc. complete and as directed by the Engineer-in-Charge	Each Cum	711.08	52.53	37353.03
2	Filling foundation and plinth with excavated material well watered and rammed in 22.5 cm thick layers with all leads and lifts etc. complete as directed by the Engineer-in-Charge.	Each Cum	474.06	35.02	16601.58
3	Cost, supplying and filling in foundation trenches and plinth with good river sand well watered and rammed in layers not exceeding 22.5cm in depth with all lead and lift including cost, conveyance, royalties and taxes of all the materials and labour with T & P required for the work etc. complete as directed by the Engineer-in-Charge	Each Cum	2863.60	265.08	759083.09
4	Cost, conveyance and labour for soling the road surface with soling stone boulders including filling interstices with sand watering and compaction to required density including cost, conveyance, royalties and taxes of all the materials and labour with T & P required for the work etc. complete as directed by the Engineer-in-Charge	Each Cum	78.98	684.87	54091.03
5	Providing and laying Plain Cement concrete of proportion (1:3:6) in foundation and floors using 4 cm (1 1/2") size clean hard black crusher broken granite metal free from weathered skins of approved quality from approved quarry including hoisting, lowering and laying concrete in layers not exceeding 15cm (6") thick to the required level, ramming, watering and curing etc. complete including cost and conveyance of all materials, all taxes, royalties of all materials including shoring, shuttering and dewatering etc complete as directed by the Engineer-in-Charge	Each Cum	247.12	2983.03	737166.37

Contractor

Chairman  
RMC, Sakhigopal

SL.NO	DESCRIPTION OF ITEM OF WORKS	UNIT	QUANTITY	RATE PER UNIT	AMOUNT Rs. P
6	Dressed laterite stone masonry in cement mortar (1:6) in foundation and plinth with hard black broken granite stone of approved size and quality from approved quarry including splays cutting, circular moulding chamfering and corbelling, watering and curing etc complete including cost and conveyance of all materials with all taxes and royalties and all labour with T & P required for the work etc. complete.	Each Cum	504.32	1922.74	969676.24
7	R.C.C. work of M 20 (equivalent to nominal mix of proportion (1:1.5:3) having a minimum compressive strength (in work test) of 200 Kg/cm <sup>2</sup> in 15 cm. Cubes at 28 days after mixing and test conducted in accordance with IS 456 & 516 using 6mm to 20 mm (1/4" to 3/4") size (18mm not to exceed 25 percent) hard black broken granite chips of approved quality from approved quarry including hoisting, lowering and laying concrete, watering and curing for four weeks centering and shuttering and finishing the exposed surface smooth to receive painting or white or colour washing providing grooves or beads where necessary cost and conveyance royalties and taxes of all materials and labour required for the work etc. complete with all T & P in all respect but excluding cost of M.S. rods or Tor steel and binding wires of 18 to 20 gauge and labour charges for straightening, cutting, bending, binding etc. of the M.S. Rod and binding wires and tying the grills and placing in proper position in all floors.				
(A)	Plinth band	Each Cum	28.64	4201.18	120321.80
(B)	Bases of column and footings	Each Cum	31.76	3934.9	124972.42
	<b>Upto 5 mtr. Height</b>				
(A)	Column & beam	Each Cum	49.54	8195.12	405986.24
(B)	Lintel band	Each Cum	12.54	5175.22	64897.26
	<b>Above 5 mtr. Height</b>				
(A)	Column & beam	Each Cum	27.54	9374.67	258178.41
(B)	Wall band	Each Cum	12.54	5750.79	72114.91

Contractor

Chairman,  
RMC, Sakshigopal

SL.NO	DESCRIPTION OF ITEM OF WORKS	UNIT	QUANTITY	RATE PER UNIT	AMOUNT Rs. P
8	Straightening bent up or coiled "Tor Rods", cutting, bending cranking hooking, welding or jointing (if required) the "Tor steel rods" and binding wire and binding, tying the grills, hoisting and placing in proper position as required for R.C.C. works including cost, conveyance and taxes of Tor steel and binding wire to 18 to 20 gauge and labour with T & P required for the work etc. complete in all respect in all floor (weight to binding wire will not be considered and measurement of Tor steel rods will only be considered for payment).	Each Qntl.	180.00	5840.62	1051311.60
9	Providing and laying Plain Cement concrete of proportion (1:2:4) in foundation and floors using 12mm size hard broken black granite crusher broken chips free from weather skin including centering and shuttering complete, mixing concrete by using concrete mixture & laying concrete in layer by using vibrator for compaction including cost of all materials, labour, T & P, watering & curing, all taxes and royalties etc. complete.	Each Cum	208.46	3932.39	819746.02
10	First class Clamp Burnt brick masonry in cement mortar (1:6) in super structure using C.B bricks of (25x12x8)cm size having a crushing strength not less than 60 Kg. per Sq.cm. including splays cutting, circular moulding, chamfering and corbelling, watering and curing, soaking bricks in water for six hours before use etc. complete including cost and conveyance of all materials and labour with T & P required with all taxes and royalties etc. complete in all respect in all floors as per direction of engineer-in-charge				
	GROUND FLOOR	Each Cum	182.18	2165.42	394496.22
	FIRST FLOOR	Each Cum	209.30	2663.77	557527.06
11	12mm (1/2") thick cement plaster in cement mortar (1:6) finished smooth to brick walls after raking out joints including scaffolding, watering and curing, cost and conveyance of all materials and labour with T&P required for the work with all taxes and royalties etc. complete in respect in all floors.				
	GROUND FLOOR	Each Sqmt	567.36	54.74	31057.29
	FIRST FLOOR	Each Sqmt	735.76	57.50	42306.20

Contractor

Chairman,  
RMC, Sakthigopal

SL.NO	DESCRIPTION OF ITEM OF WORKS	UNIT	QUANTITY	RATE PER UNIT	AMOUNT Rs. P
12	16mm (3/4") thick cement plaster (1:6) finished smooth to brick walls after raking out joints including scaffolding, watering and curing, cost and conveyance of all materials and labour with T&P required for the work with all taxes and royalties etc. complete in respect in all floors.				
(A)	GROUND FLOOR	Each Sqmt	1137.14	76.53	87025.32
(B)	FIRST FLOOR	Each Sqmt	810.10	80.39	65123.94
13	Providing distempering two coats to finished wall surfaces over a coat of cement primer with distemper of approved shade and approved brand on new work to give an even shade including cost of distemper, scaffolding cost and conveyance of all materials and labour with T&P required for the work with all taxes and royalties etc. complete in respect in all floors..				
(A)	GROUND FLOOR	Each Sqmt	567.36	26.32	14932.92
(B)	FIRST FLOOR	Each Sqmt	735.76	27.91	20535.06
14	Providing painting 2(two) coats with weather coat paint of approved brand and shade on new work to give an even shade over a coat of wall priming on the finished external plastered surfaces including cost of weather coat, scaffolding cost and conveyance of all materials and labour with T&P required for the work with all taxes and royalties etc. complete in respect in all floors..				
(A)	GROUND FLOOR	Each Sqmt	939.02	51.29	48162.34
(B)	FIRST FLOOR	Each Sqmt	810.10	54.39	44061.34
15	Painting 2(two) coats with any approved synthetic enamel paint on new wood work or iron work over one coat of primer including preparation of surface, scaffolding, watering and taxes etc. all complete.	Each Sqmt	685.12	51.31	35153.51
16	Supplying fitting of M.S. iron trusses and purlins of approved design & section supplied for roofing of Godown with one coat of anticorrosive paint including fabrication & erection of trusses etc. including all cost conveyance, taxes etc. complete, as per direction of engineer-in-charge	Each Qntl.	200.00	7042.00	1408400.00

Contractor

Chairman,  
RMC, Sakthigopal

SL.NO	DESCRIPTION OF ITEM OF WORKS	UNIT	QUANTITY	RATE PER UNIT	AMOUNT Rs. P
17	Cost, supplying and labour for fixing big six or Trafford A.C sheet in roof of godown as per required size of approved I.S.I Brand including fixing of ridges and wind ties etc complete but excluding cost of fittings and drilling hole in wind ties, all cost, conveyance, taxes etc. complete	Each Sqmt	1869.72	227.37	425118.24
18	Cost,, supplying, fabrication, fitting &fixing of MS rolling shutters for door opening of approved design &quality including cost clamps & MS sliding guide angles including one coat anti-corrosive painting and labour for fixing cement concrete (1:2:4) in groves of wall etc. and making good to the damages in wall with all cost, conveyance royalties &taxes of all materials and labour with T &P etc. complete.	Each Kg	3364.00	75.00	252300.00
19	Cost, supplying, fitting and fixing of steel ventilator glazed composite with iron frame welded M.S grill outside with glass pairs including screw & nails & cost of materials including one coat anti-corrosive painting and labour for fixing cement concrete (1:2:4) in groves of wall etc. and making good to the damages in wall with all cost, conveyance royalties &taxes of all materials and labour with T &P etc. complete.	Each Sqmt	60.48	2391.57	144642.15
20	Cost, supplying, fixing of holding down bolts 16mm (5/8") dia and 2'.0 long with washer plate of size 15cm x 15cm x 6 mm including fixing with cement mortar or concrete with cost, conveyance and taxes of all materials and labour with T & P required for the work etc complete.	Each Kg	620.00	58.11	36028.20
21	Supplying of wind ties with 35mm.X6mm flat iron including drilling holes and fixing in position with all cost conveyance, taxes etc. complete.	Each Kg	1394.00	48.00	66912.00
22	Cost of J hooks & nuts etc.,5/8"X21/2" nut & bolt for trusses & purlins, GCI sheet roofing of godown including all cost, conveyance, taxes etc. complete.	Each Kg	800.00	50.11	40088.00
23	Supplying, fitting and fixing of glass of 7.5mm thick & approved specification & shade in wooden or steel door & window frames with putty including cutting grooves as required & all cost of labour ,T & P, Taxes etc. Complete	Each Rmt	587.10	28.77	16890.87
24	Cement punning with red oxide mix using 3.5kgof red oxideper50kg of cement of 1:3 proportion and polishing with carborandum stone including all cost, conveyance, labour,T &P taxes etc complete.	Each Sqmt	1058.86	48.01	50835.87
25	Providing anti termite treatment to foundation trenches and floors including cost of anti termite chemicals and labour etc. complete in all respect.	Each Sqmt	1058.86	52.32	55399.56

Contractor

Chairman,  
RMC, Sakhigopal

SL.NO	DESCRIPTION OF ITEM OF WORKS	UNIT	QUANTITY	RATE PER UNIT	AMOUNT Rs. P
26	Cost, supplying and labour for fixing of A.C sheet ridges in roof of godown as per required size of approved I.S.I Brand including fixing of ridges and wind ties etc complete but excluding cost of fittings and drilling hole in wind ties, all cost, conveyance, taxes etc. complete	Each Rmt	91.20	215.42	19646.30
27	Cost, conveyance and labour for admixing sand & moorum (40:60) and spreading in sub base not exceeding 22.5cm in thickness and compaction to required density in OMC with PRR including hire and running charges of PRR as per specification and direction of Engineer-in-charge including cost & conveyance of sand & moorum.	Each Cum	113.00	593.32	67045.16
28	Cost, conveyance and labour for spreading stone screened dust and consolidation with PRR including watering ,cost and conveyance of stone screen dust etc complete	Each Cum	25.12	465.85	11702.15
29	Cost, supplying & labour for spreading metal 40 mm to 62 mm for IRC Gr.II metalling to an uniform thickness of 100 mm compacted to 75 mm. And packing the voids with small stones and hand packing the same to proper camber including conveying spreading of filler materials and filling the interstices by spreading the same over the surface watering & consolidation with PRR including hire & running charges of PRR complete including all cost of material conveyance, royalties, taxes etc. complete.	Each Cum	100.44	1239.37	124482.32
30	Cost, Supplying and inserting of Bituminous expansion joint boards 12mm thick of depth 0.075m including cleaning all cost conveyance etc complete.	Each Cum	168.00	46.58	7825.44
			<b>TOTAL</b>	<b>Rs</b>	<b>95,59,197.45</b>
			<b>Or say</b>	<b>Rs</b>	<b>95,59,198.00</b>

(Total thirty items only)

My/Our quoted rate is \_\_\_\_\_ % (in figure) \_\_\_\_\_ percent (in words) \_\_\_\_\_ (mention excess over / lesser than / at par with) the estimated cost put to tender and corresponding tendered amount is Rs. \_\_\_\_\_ (in figure) \_\_\_\_\_ (in words).

No. of Corrections/ Overwriting:-

Contractor

Signature of the Contractor

Chairman,  
RMC, Sakshigopal