

**B.O.Q. for :** Construction of 100 M.T. Capacity Godown.

Estimated Cost : Rs. 5,52,007.00

Date of Tender :

Cost of B.O.Q. : Rs. 750.00

Issued to Contractor : Sri \_\_\_\_\_.

Sl.	Particulars	Quantity	Unit	Rate	Amount
1	2	3	4	5	6
1.	Site Clearance & Lay Out			L/S.	500.00
2. 5.1.1 + 5.1.2	Earth work in excavation in foundation trenches in hard soil (vide classification of soil item-B) and disposal of excavated earth as obtained to a distance upto 50.0 M including all lifts, levelling, ramming the foundation trenches, removing roots of tree, shrubs all complete as per approved design, building, specification and direction of E/I.	45.02 M <sup>3</sup>	P/M <sup>3</sup>	43.41	1954.00
3. 5.1.10	Providing coarse clean sand in filling in foundation trenches or in plinth including ramming and watering in layers not exceeding 150mm thick with all leads and lift including cost of all materials labours, royalty and taxes all complete as per building specification and direction of E/I. (Mode of measurement compacted volume)	52.50 M <sup>3</sup>	P/M <sup>3</sup>	115.76	6077.00
4. 5.6.1	Providing designation 75A one brick flat soling joints filled with local sand including cost of watering taxes royalty all complete as per building specification and direction of E/I.	151.62 M <sup>2</sup>	P/M <sup>2</sup>	122.92	18637.00
5. 5.3.4	Providing P.C.C.M-100 with nominal mix of (1:4:8) in foundation with approved quality of stone chips metal grade-III (50mm to 25mm size) graded and clean coarse sand of F.M. 2.5 to 3 including screening, shuttering, mixing cement concrete in mixer and placing in position, vibrating, striking, curing, taxes and royalty all complete as per building specification and direction of E/I.	15.10 M <sup>3</sup>	P/M <sup>3</sup>	2212.42	33408.00

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6. 5.2.6	Providing designation 75A brick work in foundation and plinth superstructure and plinth with approved quality of clean coarse sand of F.M. 2 to 2.5 including providing 10mm thick mortar joints, cost of screening materials, raking out joints to 15mm depth curing taxes and royalty all complete as per building specification and direction of E/I.	31.61 M <sup>3</sup>	P/M <sup>3</sup>	2074.88	65587.00
7. 5.3.16	Providing 25mm thick damp proof coarse with cement concrete M-150 with nominal mix of (1:2:4) with approved quality of stone chips 20mm to 6mm size graded and clean coarse sand of F.M. 2.5 to 3 including screening shuttering and mixing cement concrete in mixer with 5% cico or any other approved water proofing compound and placing in position, striking, curing taxes and royalty all complete as per building specification and direction of E/I.	16.63 M <sup>2</sup>	P/M <sup>2</sup>	106.02	1763.00
8. 5.2.14	Providing designation 75B brick work in C.M. (1:6) in superstructure with approved quality of clean coarse sand of F.M. 2 to 2.5 including providing 10mm thick mortar joints, cost of screening materials, raking out joints to 15mm depth curing taxes and royalty all complete as per building specification and direction of E/I.	48.12 M <sup>3</sup>	P/M <sup>3</sup>	2119.16	101974.00
9. 5.3.7.1	Providing R.C.C.M-200 with nominal mix of (1:1.5:3) in band at Lintel Level with approved quality of stone chips 20mm to 6mm size graded and clean coarse sand of F.M. 2.5 to 3 including screening, centering, shuttering, mixing cement concrete in mixer and placing in position, vibrating, striking, curing (but excluding the cost of reinforcement) taxes and royalty all complete as per building specification and direction of E/I.	1.99 M <sup>3</sup>	P/M <sup>3</sup>	2119.16	7682.00

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9. 5.3.8	Providing R.C.C.M-150 with nominal mix of (1:2:4) in <b>Lintel</b> with approved quality of stone chips 20mm to 6mm size graded and clean coarse sand of F.M. 2.5 to 3 including screening, centering, shuttering, mixing cement concrete in mixer and placing in position, vibrating, striking, curing (but excluding the cost of reinforcement) taxes and royalty all complete as per building specification and direction of E/I.	0.64 M <sup>3</sup>	P/M <sup>3</sup>	4412.45	2824.00
9. 5.3.10	Providing R.C.C.M-150 with nominal mix of (1:2:4) in <b>Beam of all type</b> with approved quality of stone chips 20mm to 6mm size graded and clean coarse sand of F.M. 2.5 to 3 including screening, centering, shuttering, mixing cement concrete in mixer and placing in position, vibrating, striking, curing (but excluding the cost of reinforcement) taxes and royalty all complete as per building specification and direction of E/I.	1.35 M <sup>3</sup>	P/M <sup>3</sup>	4847.52	6544.00
9. 5.3.15	Providing av. 63mm thick RCC M-150 with nominal mix of (1:2:4) chajja with approved quality of stone chips 20mm to 6mm size graded and clean coarse sand of F.M. 2.5 to 3 including making drip course in concrete screening, centering, shuttering and mixing cement concrete in mixer and placing in position, vibrating, striking 6mm cement plaster (1:4) in ceiling and sides of Chajja with sand ogf F.M. 1.5, curing (but excluding the cost of reinforcement) taxes and royalty all complete as per building specification and direction of E/I.	3.98 M <sup>2</sup>	P/M <sup>2</sup>	525.39	2091.00

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9. 5.3.12	Providing R.C.C.M-150 with nominal mix of (1:2:4) <b>in stiffner</b> with approved quality of stone chips 20mm to 6mm size graded and clean coarse sand of F.M. 2.5 to 3 including screening, centering, shuttering, mixing cement concrete in mixer and placing in position, vibrating, striking, curing (but excluding the cost of reinforcement) taxes and royalty all complete as per building specification and direction of E/I.	1.21 M <sup>3</sup>	P/M <sup>3</sup>	4200.07	5082.00
9. 5.3.9	Providing R.C.C.M-150 with nominal mix of (1:2:4) <b>in roof slab</b> with approved quality of stone chips 20mm to 6mm size graded and clean coarse sand of F.M. 2.5 to 3 including screening, centering, shuttering, mixing cement concrete in mixer and placing in position, vibrating, striking, curing (but excluding the cost of reinforcement) taxes and royalty all complete as per building specification and direction of E/I.	14.70 M <sup>3</sup>	P/M <sup>3</sup>	4467.93	65679.00
10. 5.1.8	Filling in foundation trenches and plinth in layers not exceeding 150mm thick well watered, rammed fully compacted and fine dressed with earth obtained after cutting within a lead of 50M and lift of 1.5M all complete as per building specification and direction of E/I. (Mode of measurement compacted volume)	55.20 M <sup>3</sup>	P/M <sup>3</sup>	37.15	2051.00
11. 5.7.15	Providing 19mm thick water proof cement plaster (1:3) with clean coarse sand of F.M. 1.5 including screening curing with all leads and lifts of water scaffolding taxes and royalty all complete as per building specification and direction of E/I.	127.87 M <sup>2</sup>	P/M <sup>2</sup>	119.17	15238.00

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1	2	3	4	5	6
12. 5.7.3	Providing 25mm thick cement plaster (1:6) with clean coarse sand of F.M. 1.5 including screening, curing with all leads and lifts of water, scaffolding, taxes, royalty all complete as per building specification and direction of E/I.	485.57 M <sup>2</sup>	P/M <sup>2</sup>	60.88	29562.00
13. 5.7.6	Providing 6mm thick cement plaster (1:4) in ceiling with clean coarse sand of F.M. 1.5 including screening, curing with all leads and lifts of water, scaffolding, taxes, royalty all complete as per building specification and direction of E/I.	106.09 M <sup>2</sup>	P/M <sup>2</sup>	60.57	6426.00
14. 5.8.3	Providing three coats of white washing over new surface with approved quality of lime including cost of cleaning the surface thoroughly and removing the scales and smokes and mosh mark with jhama rubbing scaffolding washing of floors and taxes all complete as per building specifications and direction of Engineer-in-charge.	383.68 M <sup>2</sup>	P/M <sup>2</sup>	5.52	2118.00
15. 5.8.23	Providing two coat of snowcem of approved shade and make over old surface including preparing the plastered surface by rubbing smooth with pumice stone or fine sand paper, applying putty where required scaffolding, washing of floors etc. all taxes all complete as per building specification and direction of E/I.	205.53 M <sup>2</sup>	P/M <sup>2</sup>	40.94	8414.00
16. 5.5.16	Supplying fitting & fixing rolling shutter of approved size and make above 10M <sup>2</sup> area with provision of reduction gear operated by mechanical device, properly fabricated with 80 x 1.22mm M.S. lathe of white sheet, machine roller and inter locked together through their length and				

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	<p>Item No. 16 Contd...</p> <p>jointed together at ends by end locks mounted over 38mm dia light M.S. black pipe shaft with end brackets made to size from 3mm M.S. sheet, guide channels made of 12 guage sheet and 16/62 size SKF NBC or equivalent bearings, one piece lock plate with special 2 nos. 7 lever brass locks within side and outside locking arrangement including cost of coiled type springs, stoppers, priming coat, greasing and taxes all complete as per building specification and direction of E/I. (Material is not supplied by the Department).</p>			L/S	11324.00
17.	<p>Supplying fitting &amp; fixing Top Cover of rolling Shutter ...do...do..... all complete as per building specification and direction of E/I.</p>			L/S	1226.00
18.	<p>Providing and fixing Fan hook of 16mm dia M.S. bar 1 Mtr. long bent to required size and shape placed in position and fixed in RCC slab/beam at the frame of casting all complete as per building specification and direction of E/I</p>			L/S	671.00
19. 5.3.17	<p>Providing 35mm, thick precast RCC M-150 with nominal mix of (1:2:4) shelves with approved quality of stone chips 12mm to 6mm size graded and clean coarse sand of F.M. 2.5 to 3 with 1.5mm cement punning at top and side and 6mm cement plaster (1:4) at bottom including screening, curing and placing the slab in position (but excluding the cost of reinforcement) taxes and royalty all complete as per building specification and direction of E/I.</p>	2.16 M <sup>2</sup>	P/M <sup>2</sup>	240.47	519.00

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20.	Supplying fitting and fixing 20 gauge G.C.I. sheet gate fitted on M.S. angle frame of including cost of fabricating properly necessary locking arrangement with haskel and domny duly fixed in PCC (1:2:4) blocks to required size applying a priming red lead paint over steel work taxes all complete as per drawing specification and direction of E/I.	6.48 M <sup>2</sup>	P/M <sup>2</sup>	1896.57	12290.00
21. 5.5.12	Supplying fitting and fixing M.S. grill made of M.S. Plate as per approved design and drawing properly fabricated with joints continuous filled welded and finished smooth carriage of grill to work site hoisting as per building specification and direction of E/I. (Where materials is not supplied by the deptt.)	54.00 Kg.	P/Kg.	48.24	2605.00
22. 5.8.45	Providing two coat of painting with ready mixed paint of approved shade and make over steel surface including cleaning the surface thoroughly scaffolding and taxes all complete as per building specification and direction of E/I.	40.87 M <sup>2</sup>	P/M <sup>2</sup>	34.68	1417.00
23. 5.5.14	Supplying, fitting and fixing collapsible gate of approved size and make properly fabricated with vertical double channels 20 X 10 X 2mm at 100mm centres and braced with M.S. flat diagonals 23 X 3mm with top and bottom rails of T iron 40 X 40 X 6mm with 38mm dia steel pulleys complete with nuts, bolts, nuts, locking arrangement, stoppers handles including applying a priming coat of red lead paint, carriage, hoisting and taxes all complete as per building specification and direction of E/I.	8.93 M <sup>2</sup>	P/M <sup>2</sup>	2301.36	20551.00

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1	2	3	4	5	6
24. 5.6.9	Providing 50mm thick cement concrete flooring (1:2:4) with 20mm to 6mm size grades stone chips finished with floating coat of neat cement in panels including cost of curing, finishing the surface smooth by rubbing with carborandum stone, taxes and royalty all complete as per building specification and direction of E/I.	62.22 M <sup>2</sup>	P/M <sup>2</sup>	224.80	13987.00
25. 5.6.7	Providing 25mm thick cement concrete flooring (1:2:4) with 20mm to 6mm size grades stone chips finished with floating coat of neat cement in panels including cost of curing, finishing the surface smooth by rubbing with carborandum stone, taxes and royalty all complete as per building specification and direction of E/I.	37.05 M <sup>2</sup>	P/M <sup>2</sup>	142.69	5287.00
26. 5.7.13	Providing 1.5mm cement punning including curing carriage of water with all leads and lifts as per building specification and direction of E/I.	48.56 M <sup>2</sup>	P/M <sup>2</sup>	23.60	1008.00
27. 5.5.1	Providing plain TMT bar reinforcement of different dia rods as per approved design and drawing excluding carriage of M.S. rods (Straight or in coils) bars to work site cutting bending and binding with annealed wire with cost of wire, removal of rust placing the rods in position all complete as per building specification and direction of E/I. (TMT Coil Fe-500)	1.433 MT	P/MT	44188.44	28413.00
	6 & 8mm dia Tor Rod –				
5.5.5	10mm dia Tor Rod –	0.643 MT	P/MT	43124.18	24624.00
5.5.5	12 to 16mm dia Tor Rod –	0.219 MT	P/MT	42523.58	9313.00
<b>Total = Rs.</b>					<b>513558.00</b>

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1	2	3	4	5	6
19.	<b>Carriage of Materials :</b> Carriage of materials from different surface or departmental stores to work site including loading, transporting, unloading and stacking the materials at work site etc. all complete job. as per direction of E/l.			Add 7% -	35949.00
				Total = Rs.	552007.00

Say Rs. 5,52,000.00

Rupees Five lakh Fifty two thousand ~~seven~~ only

Bill of quantity amounting Rs. 5,52,000.00 (Rupees five lakh fifty two thousand) only for const. of 100 M.T. capacity godown.

*(Signature)*  
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मुख्य अभियन्ता  
ग्रामीण विकास विशेष प्रक्षेत्र

R.D. Spl. Zone - *रांची* Ranchi

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