

**NAME OF WORK :- REPAIRS & RENOVATION OF GODOWN FOR AGRICULTURE TECHNICAL SCHOOL AT
MULMARODA , DIST. CHANDRAPUR UNDER Dr. P.D.K.V. AKOLA**

SCHEDULE 'B' & 'C'

SR.NO	QUANTITY	DESCRIPTION OF ITEM	RATE		UNIT	AMOUNT	STANDARD SPECIFICATION
			IN FIGURE	IN WORDS			
1	178.56	Removing G.I. and A.C sheet roofing including purlins and rafters etc. including sorting out serviceable and unserviceable material and stacking the same as and where directed in the compound, including scaffolding etc. complete.	24.00	Rs. Twenty Four & Paise Nil only.	SQ.M	4286.00	Spec. No. : as directed by engineer in charge.
2	37.79	Dismantling brick masonry in lime or cement mortar and stacking the materials as directed with all leads, lifts etc. complete.	132.00	Rs. One Hundred Thirty Two & Paise Nil only.	cu.m.	4989.00	Spec. No. : as directed by engineer in charge.
3	560.4	Removing cement or lime plaster including disposing of the spoils as directed with all leads, lifts etc. complete.	14.00	Rs. Forteen & Paise Nil only.	SQ.M	7846.00	Spec. No. : as directed by engineer in charge.
4	134.46	Removing trap stone from floor without bed concrete including stacking the materials as directed with all leads, lifts etc. complete.	29.00	Rs. Twenty Nine & Paise Nil only.	SQ.M	3900.00	Spec. No. : as directed by engineer in charge.
5	111.07	Excavation for Foundation in earth, soil of all types , sand gravel and soft murrum, including removing the excavated material upto a distance of 50 m. beyond the building area and stacking or spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering, including shoring and strutting as necessary complete.(Upto 1.50 m.)	108.00	Rs. One Hundred Eight & Paise Nil only.	cu.m.	11996.00	Spec. No. : Bd.A. 1/Page No. 259
6	81.18	Excavation for Foundation in earth, soil of all types , sand gravel and soft murrum, including removing the excavated material upto a distance of 50 m. beyond the building area and stacking or spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering, including shoring and strutting as necessary complete.(from 1.50 m. to 3.0 m)	117.00	Rs. One Hundred Seventeen & Paise Nil only.	cu.m.	9499.00	Spec. No. : Bd.A. 1/Page No. 259
7	76.65	Providing and filling in the foundation and plinth with sand of approved quality including watering, compaction complete. (Including Royalty)	320.00	Rs. Three Hundred Twenty & Paise Nil only.	cu.m.	24528.00	Spec. No. : Bd.A. 11/Page No. 263
8	30.93	Providing soling using 80 mm. size granite / quartzite / gneiss / trap metal in 15 cm layer including hand packing filling voids with sand / grit, ramming, watering complete.	671.00	Rs. Six Hundred Seventy One & Paise Nil only.	cu.m.	20755.00	Spec. No. : as directed by engineer in charge.
9	9.49	Providing and laying in situ, cement concrete M-10 / (1:3:6) of trap /granite/ quartzite/gneiss metal for foundation and bedding including bailing out water, plywood/steel formwork, compacting, finishing uneven and honeycombed surface curing etc.complete. The cement mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only. Newly laid concrete shall be covered by gunny bag, plastic, tarpaulin etc. (Wooden centering will not be allowed).	3804.70	Rs. Three Thousand Eight Hundred Four & Paise Seventy only.	cu.m.	36107.00	Spec. No. : 3 Bd.E. 1A/Page No. 287 / I.S. 456 (2000)
10	0.300	Providing and casting in situ cement concrete M:15 of trap /granite/ quartzite/gneiss metal for coping to plinth or parapet , moulded or chamfered as per drawing or as directed including steel centering, plywood/steel formwork, compacting, roughening them if special finish is to be provided finishing uneven and honeycombed surface and curing etc. complete. The Cement Mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only. Newly laid concrete shall be covered by gunny bag, plastic, tarpaulin etc. (Wooden centering will not be allowed).	4487.60	Rs. Four Thousand Four Hundred Eighty Seven & Paise Sixty only.	cu.m.	1347.00	Spec. No. : 6 Bd.E. 3/Page No. 288 / I.S. 456 (2000)

11	23.09	Providing and casting in situ cement concrete of M-15 of trap / granite / quartzite / gneiss metal for plain or moulded sills, cornices, jambs, block in course or architraves of required size and shapes including steel centering, plywood / steel formwork, compacting, roughening them if special finish is to be provided, finishing uneven and honeycombed surface and curing etc. complete. The Cement Mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only. Newly laid concrete shall be covered by gunny bag, plastic, tarpaulin etc. (Wooden centering will not be allowed). (FOR FUTURE EXTENTION OF COLUMNS AND SLAB AT PLINTH)	4666.60	Rs. Four Thousand Six Hundred Sixty Six & Paise Sixty only.	cu.m.	107752.00	Spec. No. : 8 Bd.E. 5/Page No. 290 / I.S. 456 (2000)
		ON. G.F.					
12	16.28	Providing and laying in situ cement concrete M:20 of trap /granite/ quartzite/gneiss metal for RCC work in foundations like ratf, grillages, strip - foundation and Footings of RCC columns and steel stanchions including bailing out water, plywood / steel proms work, compenion, curring and roughening the surface if special finish is to be provided, inishing uneven & honeycombed surface with C.M. 1:3 of sufficient minimum thickness to give smooth and even surface etc. complete. (Excluding reinforcement and Structural steel including cover blocks). The Cement Mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only. Newly laid concrete shall be covered by gunny bag, plastic, tarpaulin etc. (Wooden centering will not be allowed).	5086.45	Rs. Five Thousand Eighty Six & Paise Forty Five only.	cu.m.	82808.00	Spec. No. : as directed by engineer in charge.
13	14.41	Providing & casting in situ cement concrete of M:20 trap /granite/ quartzite/gneiss metal for RCC columns as per detailed design & drawing or as directed, including steel centering, plywood / steel formwork, compaction finishing uneven and honeycombed surfaces with cement mortar 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening the surface if special finish is to be provided and curing etc. complete. Including use of plasticizers wherever necessary as directed by Engineer. (Cost of plasticizer is included in item. (Excluding reinforcement). The Cement Mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only. Newly laid concrete shall be covered by gunny bag, plastic, tarpaulin etc. (Wooden centering will not be allowed).	6242.45	Rs. Six Thousand Two Hundred Forty Two & Paise Forty Five only.	cu.m.	89954.00	Spec. No. : 3 Bd.F. 5/Page No. 300 / I.S. 456 (2000)
14	9.36	Providing and casting in situ cement concrete of M:20 trap /granite/quartzite/gneiss metal for RCC beams & lintels as per detailed designs & drawings or as directed including steel centering, plywood/steel formwork, steel props, compaction, finishing uneven and honeycombed surface with cement mortar 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening if special finish is to be provided and curing etc. complete. Including use of plastisizer wherever necessary as diercted by Engineer-in-Charge (cost of plastisizer is included in item) (Excluding reinforcement including cover blocks). The Cement Mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only. Newly laid concrete shall be covered by gunny bag, plastic, tarpaulin etc. (Wooden centering will not be allowed).	6355.45	Rs. Six Thousand Three Hundred Fifty Five & Paise Forty Five only.	cu.m.	59488.00	Spec. No. : 5 Bd.F. 6A/Page No. 300 / I.S. 456 (2000)
15	1.3	Providing & casting in situ cement concrete M:20 of trap /granite/ quartzite/gneiss metal for RCC chajja as per detailed designs & drawings including steel centering plywood , steel formwork, steel props, compaction finishing uneven and honeycombed surface with cement mortar 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening the surface if special finish is to be provided and curing etc. complete. (Excluding reinforcement, including cover blocks). The Cement Mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only. Newly laid concrete shall be covered by gunny bag, plastic, tarpaulin etc. (Wooden centering will not be allowed).	6681.45	Rs. Six Thousand Six Hundred Eighty One & Paise Forty Five only.	cu.m.	8686.00	Spec. No. : 6 Bd.F. 9A/Page No. 302 / I.S. 456 (2000)

16	0.58	Providing and casting in situ cement concrete of required grade of trap / granite /gneiss / quartzite metal for R.C.C. fins of required thickness in position as shown on the drawings or as directed by Engineer-in-charge including steel centering, plywood / steel formwork, steel props, compaction, finishing uneven and honeycombed surface with C.M. 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening the surface if special finish is to be provided and curing etc. complete. (Excluding reinforcement, including cover block) The Cement Mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only. Newly laid concrete shall be covered by gunny bag, plastic, tarpaulin etc. (Wooden centering will not be allowed)	8166.45	Rs. Eight Thousand One Hundred Sixty Six & Paise Forty Five only.			Spec.No.: Bd.F.16/Page No.306/I.S. 456 (2000)
17	7.73	Providing and fixing in position TMT bar reinforcement of various diameters for R.C.C. pile caps, footings, foundations, slabs, beams and columns, canopies staircases, newels, chajjas, lintels, pardis, copings, fins, arches etc. as per detailed design and drawings and schedules including cutting, bending, hooking the bars, binding with wires or tack welding and supporting as required complete.	54680.00	Rs. Fifty Four Thousand Six Hundred Eighty & Paise Nil only.	MT.	422677.00	Spec. No. : 39 Bd.F. 17/Page No. 306 / I.S. 456 (2000)
18	2.97	Providing and fabricating structural steel work in rolled sections, fixed with connecting plates or angle or angle cleats in main and cross beams, hip and jack rafters, purlins connecting to truss members and the like, as per detailed design and drawings or as directed including cutting, fabricating, hoisting, erecting, fixing in position, making riveted/ bolted / welded connections and one coat of anticorrosive paint and over it two coats of oil painting of approved quality and shade complete.	53900.00	Rs. Fifty Three Thousand Nine Hundred & Paise Nil only.	MT.	160083.00	Spec. No. : Bd.C. 3/Page No. 275
19	178.56	Providing and fixing G.I. pre-coated metacolor sheet of 0.50 mm thick and 930 profile for roof including roof bolt and necessary fixing arrangements (Prior approval of Sample and brand by Ex. Engineer is necessary before use)	1230.00	Rs. One Thousand Two Hundred Thirty & Paise Nil only.	SQ.M.	219629.00	Spec. No. : as directed by engineer in charge.
20	15.5	Providing and fixing G.I. pre-coated metacolor accesories of 0.50 mm thick and 600 mm wide for ridge / valley including roof bolt and necessary fitting arrangements (Prior approval of Sample and brand by Ex. Engineer is necessary before use)	1060.00	Rs. One Thousand Sixty & Paise Nil only.	RMT	16430.00	Spec. No. : as directed by engineer in charge.
21	12.46	Providing Fly ash lime brick masonry (bricks conforming to I.S.12894 : 1990 of size 19 cm x 9 cm x 9 cm) in cement mortar 1:6 in foundations and plinth of inner walls / in plinth of external walls including bailing out water, striking joints on unexposed faces, racking out joints on exposed faces and watering complete.	3256.00	Rs. Three Thousand Two Hundred Fifty Six & Paise Nil only.	CU.M.	40570.00	Spec.No.: Bd.G.1/Page No.313
22	37.79	Providing second class Fly ash Brick masonry with conventional / I.S. type bricks in C.M. 1:6 in superstructure including striking joints, racking out joints, watering & scaffolding complete.	3306.00	Rs. Three Thousand Three Hundred Six & Paise Nil only.	CU.M.	124934.00	Spec. No. : 3 Bd.G. 5/Page No. 315 / I.S. 456 (2000)
23	11.64	Providing cement plaster 6 mm. Thick to ceiling in single coat in cement mortar 1:3 without neeru finish to concrete surface in all positions including scaffolding and curing etc complete.	104.00	Rs. One Hundred Four & Paise Nil only.	SQ.M	1211.00	Spec. No. : Bd.L. 1/Page No. 167
24	150.85	Providing internal cement plaster 12 mm. thick in single coat in C.M. 1:5 in without neeru finish to concrete, brick surfaces in all positions including scaffolding and curing. Providing groove at joint of B B masonry and concrete members complete.	114.00	Rs. One Hundred Forteen & Paise Nil only.	SQ.M	17197.00	Spec. No. : 3 Bd.L. 2/Page No. 368
25	81.23	Providing internal cement plaster 20 mm. thick in single coat in C.M. 1:5 in without neeru finish to concrete, brick surfaces in all positions including scaffolding and curing. Providing groove at joint of B B masonry and concrete members complete.	187.00	Rs. One Hundred Eighty Seven & Paise Nil only.	SQ.M	15191.00	Spec. No. : 7 Bd.L. 4/Page No. 368
26	12.92	Providing neat cement finish to plastered surfaces in all positions including scaffolding and curing etc. Complete. (For Loft top)	21.00	Rs. Twenty One & Paise Nil only.	SQ.M	272.00	Spec. No. : 14 Bd.L. 10A/Page No. 370

27	328.34	Providing sand faced plaster for external portion in cement mortar using Kharsalia/ kasaba or similiar type of sand in all positions including base coat of 15 mm thick in CM 1:4 using water profing compound at 1 Kg per cement bag curing the same for not less than 3 days and keeping the surface of the base coat rough to receive the sand faced treatment 6 to 8 mm thick in CM 1:4, finishing the surface by taking out grains, making grooves and curing for 14 days scaffolding etc. complete.	280.00	Rs. Two Hundred Eighty & Paise Nil only.	SQ.M	91936.00	Spec. No. : 11 Bd.L. /Page No. 369
28	20.40	Providing Patta on concrete / plastered surface 12 mm to 15 mm thick in C.M. 1:3 in line level, including drip mould if necessary, scaffolding, finishing, curing etc. complete.100MM THICK	33.00	Rs. Thirty Three & Paise Nil only.	RMT.	674.00	Spec. No. : 24 Bd.L. /Page No.
29	119.96	Providing and fixing chicken mesh of 22 gauge with about 30 cm. width at the junction of RCC members and brick work, of approved quality including fixing mesh in position by necessary drilling in concrete or B B masonry and or tying by binding wire etc. complete.	48.00	Rs.Forty Eight & Paise Nil only.	RMT.	5759.00	Spec. No. : 25 Bd.L. /Page No.
30	134.46	Providing and laying hand cut polished kota stone Flooring 20 mm to 25 mm thick plain pattern on a bed of C.M. 1:6 including cement float, filling joints with neat cement slurry, curing rubbing, polishing and cleaning complete	714.00	Rs.Seven Hundred Forteen & Paise Nil only.	SQ.M	96005.00	Spec.No.: Bd.M.3/Page No.380
31	6.84	Providing and fixing in required position skirting or dado of polished Kota stone slabs 20 mm to 25 mm thick and required width after making the wall portion to required level with C.M.1:4 and fixing tiles with ready made adhesive including cement float, filling joints with cement slurry, curing rubbing, polishing and cleaning complete.	790.00	Rs.Seven Hundred Ninety & Paise Nil only.	SQ.M	5404.00	Spec.No.: Bd.M.5/Page No.381
32	4.93	Providing and laying polished kota stone slabs 20 mm to 25 mm thick, for Risers & Treads of steps & staircases with rounded nosing and groove at edge for the treads on a bed cement mortar 1:4 including cement float, filling joints with neat cement slurry, curing, rubbing, polishing and cleaning complete.	814.00	Rs. Eight Hundred Forteen & Paise Nil only.	SQ.M	4014.00	Spec. No. : 35 Bd.M. 22B/Page No. 390
33	129.3	Providing and applying three coats of synthetic enamel paint of approved colour to new and old structural Steel work and wood work in buildings including scfolding if necessary, cleaning and preparing the surface (including primer coat) complete. (For R.C.C. frames)	68.00	Rs. Sixty Eight & Paise Nil only.	SQ.M	8793.00	Spec. No. : Bd.O. 5/Page No. 405
34	328.34	Providing and applying exterior emulsion water base water proof cement paint of approved colour and shade to exterior old / new surface in two coats including scaffolding preparing the surface to recive paint etc. complete.	81.00	Rs. Eighty One & Paise Nil only.	SQ.M	26596.00	Spec. No. : As directed by Engineer-in-charge
35	243.8	Providing and applying washable oil bound distemper of approved colour and shade to old and new surfaces in two coats including scaffolding, preparing the surfaces (excluding the primer coat) complete.	37.30	Rs. Thirty Seven & Paise Thirty only.	SQ.M	9094.00	Spec. No. : Bd.P. 5/Page No. 413
36	6.00	Providing and fixing rolling steel shutters fabricated from 20 guage steel laths with slide guides, bottom rail, brackets, door suspension shaft including rolling springs, locking arrangement and housing box at top including one coat of red lead primer etc. complete.	1960.00	Rs. One Thousand Nine Hundred Sixty & Paise Nil only.	SQ.M	11760.00	Spec.No.: Bd.T.55/Page No.510.
37	7.70	Providing and fixing steel Louvered windows / ventilators of various sizes as per detailed drawing without hot dip zinc coating including fabrication with approved type and quality all fixtures and fastening without teak wood boxing and architraves including finishing with one coat of primer and two coats of oil painting complete. (Sample to be got approved from Ex.Engineer before use)	2290.00	Rs. Two Thousand Two Hundred Ninety & Paise Nil only.	SQ.M	17633.00	Spec. No. : As directed by Engineer-in-charge
38	7.70	Providing and fixing mild steel grill work for windows, ventilators, etc. required kg/sqm as per drawing including fixtures necessary welding and painting with one coat of anticorrosive paint and two coats of oil painting complete.	1266.00	Rs. One Thousand Two Hundred Sixty Six & Paise Nil only.	SQ.M	9749.00	Spec.No.: Bd.U.1/Page No.537
Total Cost Rs.						1779552.00	
(Rs. SEVENTEEN LACS SEVENTY NINE THOUSAND FIVE HUNDRED FIFTY TWO ONLY)							