

BALASAHEB GOND PATIL FARMERS PROUCER CO.LTD.												
P.NO.A-28 MIDC KALLAMB,TAL-KALLAMB , DIST- OSMANABAD.												
NAME OF WORK :- PROPOSED CONSTRUCTION OF 450 MT CAP.WH BLDG WITH ANCILLARY WORKS AT P.NO.A-28,MIDC KALLAMB ,TAL-KALLAMB ,DIST- OSMANABAD.												
	CAPACITY	450	MT	SIZE								
	LONG WALLS--2	OUTER		1	X	17.57	X	15.70		275.85		
	SHORT WALLS--2	INNER		1	X	17.22	X	15.00		258.30		
										Av.		
	FOUNDATION DEPTHS									Depth		
1	EARTH SOIL 0 TO 1.50									0.70		
2	EARTH SOIL 1.50 to 3.00									0.00		
3	H.M. (0 to 1.50)									0.60		
4	H.M. (1.50 to 3.00)									0.00		
5	H.M.& BOULDER 0 TO 1.50									0.50		
6	H.M.& BOULDER 1.50 to 3.00									0.00		
7	SOFT ROCK									0.00		
8	HARD ROCK									0.00		
								TOTAL		1.80		
	CUTTING IN PLINTH									0.15		
	Asper vision at site											
	Ex. Column Footings											
	Column C1	2	X	3	X	1.20	X	1.20				
	Column No. C3	2	X	2	X	1.30	X	1.50				
	Column No.C2 MIDDLE	2	X	2	X	1.20	X	1.20				
	Column No. C4 RS	1	X	3	X	0.00	X	0.00				
	Column Platform (CP)	2	X	2	X	1.20	X	1.20				
	Ex. Ground Beam PANEL											
	C1-C1 middle	2	X	2	X	4.21	X	0.70				
	C1-C3 END WALL	2	X	2	X	4.21	X	0.70				
	C3-C2	2	X	2	X	5.15	X	0.70				
	C2-C2 M	2	X	1	X	5.05	X	0.70				
	APRON long	1	X	1	X	20.67	X	1.28				
	APRON short	1	X	1	X	16.44	X	1.28				
	Column Nos. & Size											
	Column C1	2	X	3	X	0.30	X	0.45	X	5.15		
	Column No.C2	2	X	2	X	0.45	X	0.30	X	5.15		
	Column No. C3	2	X	2	X	0.30	X	0.45	x	5.15		
	Column No.Platform	2	X	2	X	0.45	X	0.30				
	Column near R.S.	1	X	3	X	0.15	X	0.23	X	2.50		
	PCC, Tarfelt, BBM, BEAMS PANELS											
	C1-C1 middle	2	X	2	X	3.91	X	0.35				
	C1-C3 END WALL	2	X	2	X	3.91	X	0.35				
	C3-C2	2	X	2	X	4.85	X	0.35				
	C2-C2 M	2	X	1	X	4.75	X	0.35				
	PB 1	2	X	1	X	3.91	X	0.35	X	0.45		
	PB2	2	X	1	X	3.91	X	0.30	X	0.45		
	PB3	2	X	2	X	1.20	X	0.30	X	0.30		

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	Sub Work :-I Const. of 450 MT WH Bldg.												
	MEASUREMENT SHEET												
	Item Nos & Description of Items	NO.S			LENGTH	BREDTH	DEPTH /			TOTAL	Unit		
		1	X	2				HIGHT	QUANTITY				
1	Excavation for foundation in earth, soil of all types, sand, gravel and soft murum, including removing the excavated material up to a distance of 50 m. beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift upto 1.5 m.) By Mechanical Means											Cum	
	Column footing												
	Column C1	2	X	3	X	1.20	X	1.20	X	0.70	=	6.05	
	Column No. C3	2	X	2	X	1.30	X	1.50	X	0.70	=	5.46	
	Column No.C2 MIDDLE	2	X	2	X	1.20	X	1.20	X	0.70	=	4.03	
	Column No. C4 RS	1	X	3	X	0.00	X	0.00	X	0.70	=	0.00	
	Column Platform (CP)	2	X	2	X	1.20	X	1.20	X	0.70	=	4.03	
	For Ground Beam PANEL												
	C1-C1 middle	2	X	2	X	4.21	X	0.65	X	0.70	=	7.67	
	C1-C3 END WALL	2	X	2	X	4.21	X	0.65	X	0.70	=	7.67	
	C3-C2	2	X	2	X	5.15	X	0.65	X	0.70	=	9.37	
	C2-C2 M	2	X	1	X	5.05	X	0.65	X	0.70	=	4.60	
										Total		48.87	
										say		49.00	Cum
2	Excavation for foundation in earth, soils of all types, sand,gravel and soft murum, including removing the excavated material upto a distance of 50 metres beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift from 1.5m to 3.0m) By Mechanical Means											Cum	
	Column footing												
	Column C1	2	x	3	x	1.20	X	1.20	X	0.00	=	0.00	
	Column No. C3	2	x	2	x	1.30	X	1.50	X	0.00	=	0.00	
	Column No.C2 MIDDLE	2	x	2	x	1.20	X	1.20	X	0.00	=	0.00	
	Column No. C4 RS	1	x	3	x	0.00	X	0.00	X	0.00	=	0.00	
	Column Platform (CP)	2	x	2	x	1.20	X	1.20	X	0.00	=	0.00	
	For Ground Beam PANEL												
	C1-C1 middle	2	x	2	x	4.21	X	0.70	X	0.00	=	0.00	
	C1-C3 END WALL	2	x	2	x	4.21	X	0.70	X	0.00	=	0.00	
	C3-C2	2	x	2	x	5.15	X	0.70	X	0.00	=	0.00	
	C2-C2 M	2	x	1	x	5.05	X	0.70	X	0.00	=	0.00	
											=	0.00	
										say	=	1.00	Cum
3	Excavation for foundation in hard murum including removing the excavated material upto distance of 50 metres beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift upto 1.50 m) By Mechanical Means											Cum	
	Column footing												
	Column C1	2	x	3	x	1.20	X	1.20	X	0.60	=	5.18	
	Column No. C3	2	X	2	x	1.30	X	1.50	X	0.60	=	4.68	
	Column No.C2 MIDDLE	2	X	2	x	1.20	X	1.20	X	0.60	=	3.46	
	Column No. C4 RS	1	X	3	x	0.00	X	0.00	X	0.60	=	0.00	

	Column Platform (CP)	2	X	2	x	1.20	X	1.20	X	0.60	=	3.46	
	For Ground Beam PANEL												
	C1-C1 middle	2		2	x	4.21	X	0.70	X	0.00	=	0.00	
	C1-C3 END WALL	2	X	2	x	4.21	X	0.70	X	0.00	=	0.00	
	C3-C2	2	X	2	x	5.15	X	0.70	X	0.00	=	0.00	
	C2-C2 M	2	X	1	x	5.05	X	0.70	X	0.00	=	0.00	
										Total	=	16.78	
										say	=	17.00	Cum
4	Excavation for foundation in Hard murum including removing the excavated material upto a distance of 50 metres beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift from 1.5 to 3.0m.) By Mechanical Means												Cum
	Column footing												
	Column C1	2	x	3	x	1.20	X	1.20	X	0.00	=	0.00	
	Column No. C3	2	X	2	x	1.30	X	1.50	X	0.00	=	0.00	
	Column No.C2 MIDDLE	2	X	2	x	1.20	X	1.20	X	0.00	=	0.00	
	Column No. C4 RS	1	X	3	x	0.00	X	0.00	X	0.00	=	0.00	
	Column Platform (CP)	2	X	2	x	1.20	X	1.20	X	0.00	=	0.00	
	For Ground Beam PANEL												
	C1-C1 middle	2	0	2	x	4.21	X	0.70	X	0.00	=	0.00	
	C1-C3 END WALL	2	X	2	x	4.21	X	0.70	X	0.00	=	0.00	
	C3-C2	2	X	2	x	5.15	X	0.70	X	0.00	=	0.00	
	C2-C2 M	2	X	1	x	5.05	X	0.70	X	0.00	=	0.00	
										Total		0.00	
										say		1.00	Cum
5	Excavation for foundation in hard murum and boulders including removing the excavated material up to a distance 50 metres, beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift upto 1.5m.) By Mechanical Mean												Cum
	Column footing												
	Column C1	2	x	3	x	1.20	X	1.20	X	0.50	=	4.32	
	Column No. C3	2	X	2	x	1.30	X	1.50	X	0.50	=	3.90	
	Column No.C2 MIDDLE	2	X	2	x	1.20	X	1.20	X	0.50	=	2.88	
	Column No. C4 RS	1	X	3	x	0.00	X	0.00	X	0.50	=	0.00	
	Column Platform (CP)	2	X	2	x	1.20	X	1.20	X	0.50	=	2.88	
	For Ground Beam PANEL												
	C1-C1 middle	2	x	2	x	4.21	X	0.70	X	0.00		0.00	
	C1-C3 END WALL	2	X	2	x	4.21	X	0.70	X	0.00	=	0.00	
	C3-C2	2	X	2	x	5.15	X	0.70	X	0.00		0.00	
	C2-C2 M	2	X	1	x	5.05	X	0.70	X	0.00	=	0.00	
										Total		13.98	
										say		14.00	Cum
6	Excavation for foundation in Hard murum and boulders including removing the excavated material upto a distance of 50 metres, beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift from 1.5 m to 3.0 m.) By Mechanical Means												Cum
	Column footing												
	Column C1	2	x	3	x	1.20	X	1.20	X	0.00	=	0.00	
	Column No. C3	2	X	2	x	1.30	X	1.50	X	0.00	=	0.00	
	Column No.C2 MIDDLE	2	X	2	x	1.20	X	1.20	X	0.00	=	0.00	
	Column No. C4 RS	1	X	3	x	0.00	X	0.00	X	0.00	=	0.00	
	Column Platform (CP)	2	X	2	x	1.20	X	1.20	X	0.00	=	0.00	
										Total		0.00	
										Say		1.00	Cum
7	Excavation for roadway in earth, soil of all sorts, sand, gravel or soft murum including dressing section to the required grade, camber and side slopes and conveying the excavated materials with all lifts upto a lead of 50m. and spreading for embankment or stacking as directed.												Cum
	For Wh bldg.	1	X	1	X	17.22	X	15.00	X	0.15	=	38.75	

[illegible]

13	Providing and fixing in position TMT - FE - 500 bar reinforcement of various diameters for R.C.C. pile caps, footings, foundations, slabs, beams columns, canopies, staircase, newels, chajjas, lintels pardis, copings, fins, arches etc. as per detailed designs, drawings and schedules. including cutting, bending, hooking the bars, binding with wires or tack welding and supporting as required complete..	MT										
	Footing	11.00										
	Column	16.00				6350.43					6.35	
	Beams And Lintels	29.00							Total		6.35	
	weathersheds & canopies	1.00							say		7.00	MT
	R.C.C.slab	0.73										
		57.73	x	110								
	Footing											
14	Providing and laying in situ /Ready Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal for R.C.C. work in foundations like raft, strip foundations, grillage and footings of R.C.C. columns and steel stanchions etc. including bailing out water, Steel centering formwork, laying/pumping cover blocks, compaction and curing roughening the surface if special finish is to be provided (Excluding reinforcement and structural steel) etc. complete, with fully automatic micro processor based PLC with out SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)	Cum										
	Column footing											
	Column C1	2	X	3	x	1.10	X	1.10	X	0.45	=	3.27
	Column No. C3	2	X	2	x	1.20	X	1.40	X	0.45	=	3.02
	Column No.C2 MIDDLE	2	X	2	X	1.10	X	1.10	X	0.45	=	2.18
	Column No. C4 RS	1	X	3	x	0.00	x	0.00	X	0.00	=	0.00
	Column Platform (CP)	2	X	2	x	1.10	X	1.10	X	0.45	=	2.18
									Total		10.65	
									say		11.00	Cum
	Column											
15	Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal for R.C.C. columns as per detailed designs and drawing or as directed including steel centering, formwork, cover blocks, laying/pumping, compaction finishing the formed surfaces 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,(Excluding reinforcement and structural steel).with fully automatic micro processor based PLC with Out SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)	Cum										
	Column up to plinth											
	Column C1	2	X	3	x	0.30	X	0.45	X	2.15	=	1.74
	Column No.C2	2	X	2	x	0.45	X	0.30	X	2.15	=	1.16
	Column No. C3	2	X	2	X	0.30	X	0.45	X	2.15	=	1.16
	Column No.Platform	2	X	2	x	0.45	X	0.30	X	2.15	=	1.16
	Column near R.S.	1	X	3	x	0.15	X	0.23	X	0.00	=	0.00
												5.22
	Column above plinth											
	Column C1	2	X	3	x	0.30	X	0.45	X	5.15	=	4.17
	Column No.C2	2	X	2	x	0.45	X	0.30	X	5.15	=	2.78
	Column No. C3	2	X	2	X	0.30	X	0.45	X	5.15	=	2.78
	Column No.Platform	2	X	2	x	0.45	X	0.30	X	0.00	=	0.00
	Column near R.S.	1	X	3	x	0.15	X	0.23	X	2.50	=	0.26
									Total		15.22	
									say		16.00	Cum
	Beams And Lintels											
16	Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal for R.C.C. beams and lintels as per detailed designs and drawings or as directed including steel centering, formwork, cover blocks, laying/pumping, compactionand roughening the surface if special finish is to be provided and curing etc. complete. (Excluding reinforcement and structural steel). with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)	Cum										
	Ground Beam											
	C1-C1 middle	2	X	2	X	4.21	X	0.35	X	0.60	=	3.54

	C1-C3 END WALL	2	X	2	X	4.06	X	0.35	X	0.60	=	3.41	
	C3-C2	2	X	2	X	5.00	X	0.35	X	0.60	=	4.20	
	C2-C2 M	2	X	1	X	5.05	X	0.35	X	0.60	=	2.12	
	Platform beam												
	PB 1	2	X	1	X	3.61	X	0.30	X	0.45	=	0.98	
	PB2	2	X	1	X	3.61	X	0.30	X	0.45	=	0.98	
	PB3	2	X	2	X	1.20	X	0.30	X	0.30	=	0.43	
	OFFSET	1	X	2	X	3.61	X	0.21	X	0.15	=	0.22	
	OFFSET	2	X	2	X	1.20	X	0.21	X	0.15	=	0.15	
	LINTELS												
	OVER V1	2	X	7	X	1.50	X	0.35	X	0.10	=	0.74	
	DOOR BEAM												
	C1-C1 middle	2	X	2	X	4.21	X	0.30	X	0.30	=	1.52	
	C1-C3 END WALL	2	X	2	X	4.06	X	0.30	X	0.30	=	1.46	
	C3-C2	2	X	2	X	5.00	X	0.30	X	0.30	=	1.80	
	C2-C2 M	2	X	1	X	4.75	X	0.30	X	0.30	=	0.86	
	EAVES BEAM												5.63
	C1-C1 middle	2	X	2	X	4.21	X	0.30	X	0.30	=	1.52	
	C1-C3 END WALL	2	X	2	X	4.06	X	0.30	X	0.30	=	1.46	
	C3-C2	2	X	2	X	5.00	X	0.30	X	0.30	=	1.80	
	C2-C2 M	2	X	1	X	5.05	X	0.30	X	0.30	=	0.91	
	AT GABLE												5.69
	C2-C3 @ 1.50 MTR	1	X	2	X	4.50	X	0.30	X	0.30	=	0.81	
	C2-C2 @3.00 MTR	1	X	2	X	0.00	X	0.35	X	0.45	=	0.00	
										Total		28.89	
										say		29.00	Cum
	weathersheds & canopies												
17	Providing and laying Cast in situ/Ready Mixcement concrete M-20 of trap/ granite/ quartzite/ gneiss metal for R.C.C. chajja as per detailed design and drawings including steel centering, formwork, cover blocks, laying/pumping, compacting and roughening the surface if special finish is to be provided and curing complete. (Excluding reinforcement and structural steel). with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)												Cum
	Ventilators - V1 Long side	1	X	7	X	1.50	x	0.52	x	0.10	=	0.55	
										Total		0.55	
										Say		1.00	Cum
	R.C.C.slab												
18	Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap/ granite / quartzite/ gneiss metal for R.C.C. slabs and landings as per detailed designs and drawings including steel centering, formwork, cover blocks, laying/pumping, compaction finishing the formed surfaces 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. With fine aggregate (Crushed sand VSI Grade)												
	PLATFORM SLAB	1	X	1	X	4.06	X	1.20	X	0.15	=	0.73	
										Total		0.73	
										say		1.00	Cum
	BBM												
19	Providing second class Burnt Brick masonry with conventional/I.S.type brick since mentmortar 1:6 in superstructure including striking joints, raking out joints, watering andscaffolding etc. Complete												Cum
	For PANEL UP TO 2.50												
	C1-C1 middle	2	X	2	X	3.91	X	0.23	X	2.50	=	9.00	
	C1-C3 END WALL	2	X	2	X	3.91	X	0.23	X	2.50	=	9.00	
	C3-C2	2	X	2	X	4.85	X	0.23	X	2.50	=	11.16	
	C2-C2 M	2	X	1	X	4.75	X	0.23	X	2.50	=	5.46	
	Above DB to Below AC Sheet												

	C1-C1 middle	2	X	2	X	3.91	X	0.23	X	2.50	=	9.00	
	C1-C3 END WALL	2	X	2	X	3.91	X	0.23	X	2.50	=	9.00	
	C3-C2	2	X	2	X	4.85	X	0.23	X	2.50	=	11.16	
	C2-C2 M	2	X	1	X	4.75	X	0.23	X	2.50	=	5.46	
	Gable	2	X	0.5	X	15.70	X	0.23	X	2.55	=	9.21	
	Deduction for									Total		78.43	
	Rolling shutters	2	X	1	X	2.10	X	0.23	X	2.50	=	2.42	
	V1	2	X	7	X	0.60	X	0.35	X	0.60	=	1.76	
	V2	1	X	14	X	1.00	X	0.23	X	0.60	=	1.93	
	V3	1	x	3	X	1.30	X	0.23	X	0.45	=	0.40	
	V2 in gable	0	X	2	X	1.00	X	0.23	X	0.60	=	0.00	
	Beams & Lintels at V1,V2										=	0.74	
	Door beam										=	5.63	
	Eaves beam										=	5.69	
	C2 in gable										=	2.78	
	Bed block below V1 ,purlin etc										=	0.22	
								Total deduction				21.57	
										Net		56.86	
										Say		57.00	Cum
	Bed block below V1 ,purlin etc												
20	Providing and laying Cast in situ/Ready Mix 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.) With fine aggregate (Crushed sand VSI Grade)												Cum
	Below V1	2	X	7	X	0.60	X	0.35	X	0.08	=	0.22	
										Total		0.22	
										say		1.00	Cum
21	Providing sand faced plaster externally in cement mortar using approved screened sand, in all positions including base coat of 15 mm thick in cement mortar 1:4 using waterproofing compound at 1Kilogramper cement bag curing the same for not less than 2 days and keeping the surface of the base coat rough to receive the sand faced treatment 6 to 8 mm thick in cement mortar 1:4 finishing the surface by taking out grains and curing for fourteen days scaffolding etc.complete.												Sqm
	Outside												
	Long wall	1	X	2	X	17.57	X	6.15			=	216.11	
	short wall	1	X	2	X	15.70	X	6.15			=	193.11	
	Gable wall	1	X	2	X	15.70	X	0.95			=	29.83	
	Column offset C1	2	X	3	X	0.22	X	6.15			=	8.12	
	C3 offcet	2	X	2	X	0.22	X	6.15			=	5.41	
	C2 offcet	2	X	2	X	0.22	X	6.15			=	5.41	
	C2 in gable	1	X	2	X	0.22	X	1.50			=	0.66	
	C2 in gable	0	X	2	X	0.22	X	3.00			=	0.00	
	Weather sheds over												
	V1 top, bottom	2	X	7	X	1.55	X	0.65			=	14.11	
	Sides	1	X	7	X	0.45	X	0.08			=	0.24	
	V 2 top, bottom	1	X	14	X	1.10	X	0.67			=	10.32	
	Sides	1	X	14	X	0.45	X	0.08			=	0.47	
										Total		483.31	
	Deduction												
	Rolling shutters	2	X	1	X	2.10	X	2.55			=	10.71	
	V1	0.5	X	7	X	0.60	X	0.60			=	1.26	
	V2	0.5	X	14	X	1.00	X	0.60			=	4.20	
	V3	0.5	x	2	X	1.30	X	0.45			=	0.59	
										Total		16.76	

	Long wall	1	X	2	X	17.57	X	5.15			=	180.97	
	short wall	1	X	2	X	15.70	X	5.15			=	161.71	
	Gable wall	1	X	2	X	15.70	X	0.95			=	29.83	
	Deduction									Total		372.51	
	Rolling shutters	2	X	1	X	2.10	X	2.55			=	10.71	
	V1	0.5	X	7	X	0.60	X	0.60			=	1.26	
	V2	0.5	X	14	X	1.00	X	0.60			=	4.20	
	V3	0.5	x	3	X	1.30	X	0.23	X		=	0.45	
										Dedu.		16.62	
										Net		355.89	
										Say		356.00	Sqm
23	Providing internal cement plaster 20mm thick in Single coats in cement mortar 1:4 with neeru finish, to concrete, brick surface, in all positions including scaffolding and curing etc.complete.												Sqm
	Plinth												
	Long wall	1	X	2	X	17.57	X	1.00			=	35.14	
	Short wall	1	X	2	X	15.70	X	1.00			=	31.40	
	Platforms Taper side	1	X	1	X	3.61	X	0.30			=	1.08	
	Bottom	1	X	1	X	3.61	X	0.80			=	2.89	
										Total		70.51	
										Say		71.00	Sqm
24	Providing and applying three coat s of water proof cement paint of approved manufacture and of approved colour to new plastered surfaces includings caffolding if necessary,cleaning and preparing the surface,watering for two days etc. complete.												Sqm
	Inside												
	Long wall	1	X	2	X	17.22	X	5.15			=	177.37	
	Short wall	1	X	2	X	15.00	X	5.15			=	154.50	
	Gable	1	X	2	X	15.00	X	1.00			=	30.00	
	Dedu.									Total		361.87	
	Rolling shutters	2	X	1	X	2.10	X	2.55			=	10.71	
	V1	2	X	7	X	1.00	X	0.60			=	8.40	
	V2	1	X	14	X	1.00	X	0.60			=	8.40	
										Total		27.51	
										Net		334.36	
										Say		335.00	Sqm
25	Providing and applying two coat s of exterior acraylic emulsion paint confirming to corresponding I.S. of approved manufacture and of approved colour to the plastered surfaces including cleaning,preparing the plaster surface,applying primer coat,scaffolding if necessary , and watering the surface for two days etc. complete.												Sqm
	Outside												
	Long wall	2	X	1	X	17.57	X	5.25			=	184.49	
	short wall	2	X	1	X	15.70	X	5.25			=	164.85	
	Gable wall	2	X	0.5	X	15.70	X	1.00			=	15.70	
	Column offset C1	2	X	3	X	0.22	X	6.15			=	8.12	
	C3 offcet	2	X	2	X	0.22	X	6.15			=	5.41	
	C2 offcet	2	X	2	X	0.22	X	6.15			=	5.41	
										Total	=	383.98	
	Deduction												
	Rolling shutters	2	X	1	X	2.10	X	2.55			=	10.71	
	V1	0.5	X	7	X	0.60	X	0.60			=	1.26	
	V2	0.5	X	14	X	1.00	X	0.60			=	4.20	
										Dedu.		16.17	
										Net		367.81	
										Say		368.00	Sqm
26	Providing and applying two coats (exterior quality) of flat oil paint of approved colour and shade to the plastered surface in buildings and workshops including scaffolding if necessary, cleaning the surface and preparing surface etc. complete. (excluding primer coat)												Sqm
	Plinth												
	Long wall	2	X	1	X	17.57	X	1.00			=	35.14	
	Short wall	2	X	1	X	15.70	X	1.00			=	31.40	
	Stack lines												
	Long	2	X	4	X	6.00	X	0.10			=	4.80	
	Short	2	X	4	X	9.00	X	0.10			=	7.20	

										Total	78.54	
										Say	79.00	Sqm
27	Providing and fixing rolling shutter fabricated from steel laths of minimum thickness 0.9 mm with lock plate of 3.15 mm thickness reinforced with 35 x 35 x 5 mm angle section fitted with sliding bolts and handles for both sides, deep M.S. channel section of depth and thickness not less than 65 mm and 3.15 mm respectively with hold fast arrangements, M.S. Bracket plate 300 x 300 x 3.15 mm minimum size and shape with square bar, suspension shaft of minimum 32 mm diameter, hood cover of M.S. sheet not less than 0.9 mm thickness and of any size at top and safety devices including mechanical gear operation arrangement consisting of worm gear wheels and worms of high grade cast iron or mild steel and one coat of red lead primer etc. complete. (I.S. 62481979) (Without mechanical gear)											Sqm
	Rolling shutters	2	X	1	X	2.10	X	2.55	x	1.00	10.71	
										Total	10.71	
										Say	11.00	Sqm
28	Providing and fixing mildsteel grill work for windows,ventilatorsetc. 20Kilogram/Square Metre as per drawing including fixtures,necessary welding and painting with one coat s of anticorrosive paint and two coats of oil painting complete.											Sqm
	V1	1	X	7	X	0.60	X	0.60		=	2.52	
	V2	1	X	14	X	1.00	X	0.60		=	8.40	
	V3 Up Side of Shutter	1	X	2	X	1.30	X	0.45		=	1.17	
										Total	12.09	
										Say	13.00	Sqm
	Steel Work in Angular & Purline											
29	Providing structural steel work in trusses, other similar trussed purlins and members with all bracing, gusset plates etc. as per detailed designs and drawings or as directed including cutting, fabricating, hoisting, erecting fixing in position, Making riveted/ bolted/ welded connection and one coat of anticorrosive paint and over it 2 coats of oil painting approved quality and shade etc. complete.											MT
	Total Area Godown											
	Main bldg.	17.57	X		=	275.85	X	25.00		=	6896.23	
		15.70				Sq Area		KG		Total	6.90	
										Say	7.00	MT
30	Providing and fixing colour coated Zinalume (R) AZ150 (min 150 gms/sq.mt. total on each side) profiled sheets for roofing. The feed material is manufactured out of nominal 0.45 mm Base Metal Thickness (BMT) (0.5 mm TCT), Hi-strength steel with min.550 MPa yield strength, metallic hot dip coated with Aluminium-Zinc alloy (55% aluminium 43.4% zinc 1.6% silicon) with COLORBOND (R) steel quality super durable polyester paint coat (with inorganic pigment). The paint shall have a total coating thickness of nominal 35 um, comprising of nominal 25 um exterior coat on top surface and nominal 10 um reverse coat on back surface. Profile sheet shall have nom. 950-1050 mm effective cover width and nominal 25-30 mm deep ribs with subtle square fluting in the five pan at nominal 180-250 mm centerto-center. The end rib shall be designed for anti-capillary groove. and return leg. The feed material should have coil manufacturers product details marked a regular interval. Including fasteners with min. fastened with min. 25 um Zinc-Tin alloy coated, Hex head, self-drilling screw etc. complete. (weight of profile 4.52 Kilogram/Square Metre)											Sqm
	Main bldg.	1	X	2	X	17.57	X	8.15		=	286.39	
	Platform	1	X	2	X	4.50	X	1.80		=	16.20	
										Total	302.59	
										Say	302.59	Sqm

31	Providing and fixing of colour Zincalume (R) AZ150 (Min150gms/Sq.mt. total on each sides) profiled sheets for Ridges. The feed material is manufactured out of nominal 0.45mm Base Metal Thickness (BMT) (0.5mmTCT), Hi- strength steel with min 550 MP a yield strength, metallic hot dip coated with Aluminum- Zinc alloy (55% aluminium 43.4 % zinc 1.6 % silicon) with COLORBOND (R) steel quality super durable polyster paint coat (with inorganic pigment). The paint shall have a total coating thickness of noimnal 35 um, comprising of nominal 25 um exerior coat on top surface & nominal 10 um reverse coat on back surfaces. Profile sheet shall have nom 950-1050 mm effective cover width & nominal 25-30 mm dip ribs with suitable square fluting in the 5 pan @ nominal 180-250 mm c/c. The end rib shall be designed for anticapillary groove & return leg. The fid material should have coil manufacturers product detailes marked at regular interval. including fasteners with minimum fastened with minimun 25 um Zink- tin alloy coated, hex headed, self drilling screw etc. complete. [As directed by Engineer in charge]. (D.S.R.33 A /71) (For 0.60 m wide Ridge)											Rum	
	Main bldg.	1	X	1	X	18.07	X	1.00			=	18.07	
										Total		18.07	
										Say		18.10	Rum
32	Providing and fixing wind oppareted tarbo S S. ventiletar system (24 inch dia.) over exsiting roof including cutting of sheet ,propar fixing in position to true line & level with all fixtures & fastning, providing 0.8mm thick FRP sheet for covering area between roof and fan so as to provide waterfoof joints with approved water proffing compound making good the roof surface including cleaning etc. complete (General application for all types of roofs for ventilation & day light parpose at terrace [As directed by Engineer in charge]. (Jalgaon D.S.R.304 /123)											Nos	
	For W H Bldg	2	x	4	x	1.00	x	1.00		1.00		8.00	
										Total	=	8.00	
										say	=	8.00	Nos
33	Providing & constructing parapet coping of size 35 x 35 cms in cement mortar 1:4 with conical top and side drops and round finish at A.C. sheet joints including finishing the whole with 20 mm thick cement plaster 1:4 with cement finish. 1 parapet coping											RMT	
		2	X	2	X	8.15					=	32.60	
										Total		32.60	
										Say		32.60	RMT
34	Filling in plinth with approved excavated stuff obtained from departmental land including watering, compacting etc. complete as directed.(Bd. A.10/262)											Cum	
	Qty received from excavation	1	X	1	X	17.22	X	15.00	X	0.30	=	77.49	
	item no 3	17.00				2.80				14.20			
	item no 5	14.00				16.22				-2.22			
	Qty received from excavation									Total		77.49	
										Say		78.00	Cum
35	Providing Hard Murum cohesive non-swelling materials in plinth in layers of 20 cms etc. complete as directed. [Only compacted thickness is payable][Rd.23/202 & Rd.28/205].											Cum	
	Main bldg.	1	X	1	X	16.62	X	14.40	X	0.60	=	143.60	
	Apron												
										Total		143.60	
										Say		144.00	Cum
36	Compacting the Hard Murum , cohesive non swelling materials in plinth upto 200 mm loose with power roller 8 to 10 tonee capacity including artificial watering etc. complete as directed.[Rd.38/210]											Sqm	
	Main bldg.	1	X	3	X	16.62	X	14.40			=	717.98	
										Total		717.98	
										Say		718.00	Sqm
37	Providing & laying stone metal layer of 20 cm thickness with 60 mm over size metal 65% and 40 mm size metal 35% with sand or stone chips spreading & leveling handpacking complete.[Rd.22/201,Rd.20/200 &Rd.20/205]											Cum	
	Main bldg.	1	X	1	X	16.62	X	14.40	X	0.40	=	95.73	
	Main bldg. Inner Periferi	1	X	1	X	17.22	X	0.60	X	0.20	=	2.07	
		1	X	1	X	14.40	X	0.60	X	0.20	=	1.73	

[illegible]

[illegible]