

**GREENOZONE AGRO PRODUCER CORPORATION LIMITED**

Gat No.835,Rajura (bk) Tal- Mukhed, Dist- Nanded.

**GENERAL REPORT**

**NAME OF WORK:- CONSTRUCTION OF 1/1200 MT CAP.WH BLDG WITH ANCILLARY WORKS  
AT GUT NO.835,RAJURA (BK) TAL- MUKHED, DIST- NANDED.**

The Estimate has been Prepared for constructing Ware House .

Bldg, of 1/1200 MT.Cap.of amounting Rs. **12379089** /-

As per below, Following are the Provisions being made while preparing estimate.And Estimate rate As per the e-SSR 2020-21

- 1 Excavation
- 2 Footing .Coloumns, Beams of RCC-M20
- 3 BBM For Foundation And Super Structure
- 4 TMT.FE-500 Bar For RCC Work
- 5 OutSide& Inside Plaster Work.
- 6 Tremix Flooring Work of RCC
- 7 Steel Rolling Shutter
- 8 Steel Grill Windows (V1 & V2)
- 9 Painting / Colouring Work For Inside & Outer Side
- 10 Structrural Steel Work For Roofing Truss
- 11 Turbo Ventiletar.
- 12 G.I.Sheet For Roofing .

**GREENOZONE AGRO PRODUCER CORPORATION LIMITED**


Gat No.835,Rajura (bk) Tal- Mukhed, Dist- Nanded.

**RECAPULATION SHEET**

NAME OF WORK :- CONSTRUCTION OF 1/1200 MT CAP.WH BLDG WITH ANCILLARY WORKS AT GUT  
NO.835,RAJURA (BK) TAL- MUKHED, DIST- NANDED.

Based on E S S R -2021-22

PARTICULARS	UNIT	Unit	AMOUNT	<u>1200</u> Cost per MT
S.W. I - W.H.BUILDING 1/1200M T	1200.00	MT	Rs 9778404	8149
S.W. - II ELECTRIFICATION	1200.00	MT	Rs 195907	
S.W. III :- ROYALTY CHARGE	1200.00	MT	Rs 415878	
S.W. IV :- LAB TESTING	1200.00	MT	Rs 56300	
<b>Gross Total</b>			<b>Rs 10446488</b>	<b>8705</b>
			Add GST 18%	1880368
			Add 0.50% labour Insurance	52232
			<b>Grand Total</b>	<b>Rs 12379089</b> 10316

  
**K.V.AMRUTWAD**  
Regd.Consulting Engineer  
R.No.State/R/2022/APL/00733

# GREENOZONE GRO PRODUCER CORPORATION LIMITED

GUT NO 835, RAJURA (BK) TAL- MUKHED, DIST- NANDED.

**NAME OF WORK :- CONSTRUCTION OF 1/1800 MT CAP. PRE ENGINEERED WH BLDG ABOVE PLINTH , WITH ANCILLARY WORKS AT: RAJURA BK. TAQ- MUKHED DIST. NANDED**

**LEADS & RATES OF MATERIALS**

Based on E S S R -2022-23

S.N.	MATERIAL & LOCATION	UNIT	LEADS KM	CHARGES ACTUAL	INITIAL	LEAD DIFF	Pay load Factor	NET	rate/unit
1	SAND	CU M	25.00	566.86	0.00	566.86	1.00	566.86	566.86
2	METAL UPTO 40MM crushed	CU M	15.00	410.55	0.00	410.55	1.00	410.55	410.55
3	METAL ABOVE 40 MM Road	CU M	15.00	393.44	0.00	393.44	1.00	393.44	393.44
4	RUBBLE	CU M	5.00	321.99	0.00	321.99	1.00	321.99	321.99
5	BRICKS ( 475 bricks per Cum )	Cum	30.00	1428.44	0.00	1428.44	1.00	1428.44	1428.44
6	HARD MURUM/Soft Murumn	CU M	12.00	356.53	0.00	356.53	1.00	356.53	356.53
7	Royalty	1	0						
8	Cement	MT	20	348.11		348.11	0.00	348.11	348.11
9	Steel	MT	20	348.11		348.11			348.11

			Natural			Artificial	
			QTY	RATE	AMOUNT	RATE	AMOUNT
1	C.C. M 10 for foundation & bedding	SAND	0.47	566.86	266.42	350.00	164.50
		METAL	0.94	410.55	385.92	410.55	385.92
		CEMENT	0	348.11	0.00		550.42
		<b>Total</b>			<b>652.34</b>		
2	P & C U.C.R masonry	SAND	0.4	566.86	226.74	350.00	140.00
		RUBBLE	1.25	321.99	402.49	321.99	402.49
		CEMENT	1.78	348.11	619.64		542.49
		<b>Total</b>			<b>1248.87</b>		
3	P & C B.B. masonry in plinth & S.S	SAND	0.32	566.86	181.40		
		BRICKS	0.475	1428.44	678.51		
		CEMENT	0	348.11	0.00		
		<b>Total</b>			<b>859.90</b>		
4	P & L R.C.C. (M-20)	SAND	0.425	566.86	240.92	350.00	148.75
		METAL	0.85	410.55	348.97	410.55	348.97
		CEMENT	0	348.11	0.00		497.72
		<b>Total</b>			<b>589.88</b>		
4-A	P & L R.C.C. M 15	SAND	0.44	566.86	249.42	350.00	154.00
		METAL	0.88	410.55	361.28	410.55	361.28
		CEMENT	0	348.11	0.00		515.28
		<b>Total</b>			<b>610.70</b>		
5	P & A 25mm tk plaster	SAND	0.024	566.86	13.60		
		METAL	0.22	348.11	76.58		
		<b>Total</b>			<b>90.19</b>		
6	P & A 20 mm tk plaster	SAND	0.025	566.86	14.17		
		CEMENT	0	348.11	0.00		
		<b>Total</b>			<b>14.17</b>		
7	P & F ploished shahabad for sills & dado	SAND	0.024	566.86	13.60		
		<b>Total</b>			<b>13.60</b>		
8	P & C half brick wall 120 bricks per cum	sand	0.036	566.86	20.41		
		bricks	1	1428.44	1428.44		
		<b>Total</b>			<b>1448.85</b>		

The centre under MIDC area  
Hence percentage required to be added will be percentage 0.00%  
BLDG WORKS 0.00%  
Tribal Area 0%  
Municipal Council Areas 0%  
SERVICE CHARGES. 0.00%  
Total Tax 0%

# GREENOZONE AGRO PRODUCER CORPORATION LIMITED

GUT NO.835, RAJURA (BK) TAL- MUKHED, DIST- NANDED.

S.W. I - W.H.BUILDING 1/1800M T

Based on E S S R -2022-23

I.N.	DESCRIPTION OF ITEM	QTY.	UNIT	I.N./ P.N	BASIC RATE	LEAD CHARGES		Deduct SCADA 5% 0.0500	TOTAL	Add 0 % C Area Charges 0.000	TOTAL OF RATES 6 TO 11	ADD % FOR CHARGES 0.0000	TOTAL OF RATES 6 TO 14	AMOUNT
						SAND HM	METAL Bricks							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
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	75.00	cum	21.01/189	239.00				239.00		239.00	0.00	239.00	17925
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	1.00	cu m	21.03/189	314.00				314.00		314.00	0.00	314.00	314
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	70.00	cu m	21.05/189	365.00				365.00		365.00	0.00	365.00	25550
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	1.00	cu m	21.07/190	414.00				414.00		414.00	0.00	414.00	414
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	38.00	cu m	21.10/190	252.00				252.00		252.00	0.00	252.00	9576

I.N.	DESCRIPTION OF ITEM	QTY.	UN	I.N./P.N	BASIC RATE	LEAD CHARGES		Deduct SCADA 5% 0.0500	T	Add 0 % C Area Charges 0.000	TOTAL OF RATES 6 TO 11	ADD % FOR CHARGES 0.0000	TOTAL OF RATES 6 TO 14	AMOUNT
						SAND HM	METAL Bricks							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
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	1.00	cu m	21.12/190	312.00						312.00	0.00	312.00	312
7	Excavation for roadway in earth, soil of all sorts, sand, gravel or soft murum including dressing section to the equired 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.	95.00	cu m	2.11/26	119.00						119.00	0.00	119.00	11305
8	Excavation for roadway in hard murum and boulder 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.	189.00	cu m	2.13/26	139.00						139.00	0.00	139.00	26271
9	Providing and laying Cast in situ/Ready Mix cement concrete in M-10 of trap/ granite/ quartzite/ gneiss metal for foundation and bedding including bailing out water, Steel centering, formwork, laying/pumping, compacting, roughening them if special finish is to be provided, finishing if required and curing complete, 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	80.00	cu m	24.01/215	5830.00	550.42		-291.50			6088.92	0.00	6088.92	487114
10	Providing uncoursed rubble masonry of trap / grani e / quartzite / gneiss stones in cement mortar 1:6 in foundation and plinth of inner walls / in plinth of external walls including bailing out water manually , striking joints on un exposed faces and watering etc.complete	25.60	cu m	28.01/245	5025.00	1248.87					6273.87	0.00	6273.87	160611
11	Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in foundations and plinth of inner walls/ in plinth external walls including bailing out water manually , strikingjoints on unexposed faces, raking out joints on exposed faces and watering etc. Complete.	41.00	cu m	27.01/242	7755.00	859.90					8614.90	0.00	8614.90	353211
12	Providing & laying 35 cms wide single layer tarfelt by applying initial coat of shalibond @1kg/sqm fixing in place by wire nails for D.P.C. at plinth as directed by Engineer in charge.	38.00	sq m	R.A.	429.00						429.00	0.00	429.00	16302

I.N.	DESCRIPTION OF ITEM	QTY.	UNIT	I.N./P.N	DASIC RATE	LEAD CHARGES		Deduct SCADA 5% 0.0500	T.C	Add 0 % C Area Charges 0.000	TOTAL OF RATES 6 TO 11	ADD % FOR CHARGES 0.0000	TOTAL OF RATES 6 TO 14	AMOUNT	
						SAND HM	METAL Bricks								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
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, parapets, 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.	13.00	MT	26.33/233	89703.00						89703.00	89703.00	0.00	89703.00	1166139
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)	28.00	cu m	25.11/219	7104.00	589.88		-355.20			7338.68	7338.68	0.00	7338.68	205483
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 SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)	36.00	cu m	25.31/221	13783.00	589.88		-689.15			13683.73	13683.73	0.00	13683.73	492614
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, compaction and roughening the surface in special finish is to be provided and curing etc. complete. (Excluding reinforcement and structural steel) with any 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)	43.00	cu m	25.50/223	12269.00	589.88		-613.45			12245.43	12245.43	0.00	12245.43	526553

I.N.	DESCRIPTION OF ITEM	QTY	UN	I.N./P.N	BASIC RATE	LEAD CHARGES		Deduct SCADA 5% 0.0500	T	Add U % C Area Charges 0.000	TOTAL OF RATES 6 TO 11	ADD % FOR CHARGES 0.0000	TOTAL OF RATES 6 TO 14	AMOUNT
						SAND HM	METAL Bricks							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
17	Providing and laying Cast in situ/Ready Mix cement 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)	3.00	cu m	26.05/227	13932.00	589.88		-696.60	13825.28		13825.28	0.00	13825.28	41476
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. (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)	3.00	cu m	25.70/225	13943.00	589.88		-697.15	13835.73		13835.73	0.00	13835.73	41507
19	Providing second class Burnt Brick masonry with conventional/ i S. type bricks in cement mortar 1:6 in superstructure including striking joints, raking out joints, watering and scaffolding etc. Complet	145.00	cu m	27.05/244	7994.00	859.90			8853.90		8853.90	0.00	8853.90	1283816
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)	1.00	cu m	24.16/218	6359.00	610.70			6969.70		6969.70	0.00	6969.70	6970

I.N.	DESCRIPTION OF ITEM	QTY.	UNIT	I.N./ P.N	BASIC RATE	LEAD CHARGES		Deduct SCADA 5% 0.0500	TAX	Add 0 % C Area Charges 0.000	TOTAL OF RATES 6 TO 11	ADD % FOR CHARGES 0.0000	TOTAL OF RATES 6 TO 14	AMOUNT
						SAND HM	METAL Bricks							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
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.	841.30	sq m	32.11/257	639.00	14.17			653.17		653.17	0.00	653.17	549512
22	Providing internal cement plaster 20mm thick in Single coats in cement mortar 1:4 without neeru finish, to concrete, brick surface, in all positions including scaffolding and curing etc complete.	640.00	sq m	32.07/256	382.00	14.17			396.17		396.17	0.00	396.17	253549
23	Providing internal cement plaster 20mm thick in Single coats in cement mortar 1:4 without neeru finish, to concrete, brick surface, in all positions including scaffolding and curing etc complete.	120.00	sq m	32.07/256 +32.21/258	454.00	14.17			468.17		468.17	0.00	468.17	56180
24	Providing internal cement plaster 12mm thick in single coat in cement mortar 1:4 without neeru finish to concrete or brick surfaces, in all positions including scaffolding and curing etc. complete	66.00	sq m	32.04/256	278.00	14.17			292.17		292.17	0.00	292.17	19283
25	Providing and applying white-wash in two coats on old / new plastered or masonry surfaces and asbestos cement sheets including scaffolding and preparing the surface by brushing and brooming down etc. complete.	605.00	sq m	36.03/279	12.00				12.00		12.00	0.00	12.00	7260
26	Providing & applying waterproof cement paint three coats on plastered or masonry surface of sqm approved manufacturer and of approved colour including primer coat scaffolding & preparing the surface watering for two days complete. (Bd.0.8/406)	688.00	sq m	35.15/276	104.00				104.00		104.00	0.00	104.00	71552
27	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)	168.00	sq m	35.11/276	88.00				88.00		88.00	0.00	88.00	14784

I.N.	DESCRIPTION OF ITEM	QTY.	UNIT	I.N./P.N	BASIC RATE	LEAD CHARGES		Deduct SCADA 5% 0.0500	T1	Add 0 % C Area Charges 0.000	TOTAL OF RATES 6 TO 11	ADD % FOR CHARGES 0.0000	TOTAL OF RATES 6 TO 14	AMOUNT
						SAND HM	METAL Bricks							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
28	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)	16.10	sq m	39.24/307	4829.00						4829.00	0.00	4829.00	77747
29	Providing and fixing M.S. grill door 24 Kilogram/Square Metre of various size as per detailed drawings without hot dip coating, iron fixtures and fastenings and 3 coats of oil painting etc	39.00	sq m	39.31/309	3258.00						3258.00	0.00	3258.00	127062
30	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	17.00	MT	23.04/212	119459.00						119459.00	0.00	119459.00	2030803
31	Providing and fixing corrugated galvanised iron sheets of 0.63 mm thick (24B.W.G.) for roofing with out wind tiles including fastening with galvanised irons crews and bolts,lead and bitumen washers as per drawing etc.Complete. (Weight of 5.5 Kilogram/sq.m.)	30.10	sq m	38.04/286	870.00						870.00	0.00	870.00	26187

I.N.	DESCRIPTON OF ITEM	QTY.	U	I.N./P.N	BASIC RATE	LEAD CHARGES		Deduct SCADA 5% 0.0500	T	L	Add 0 % C Area Charges 0.000	TOTAL OF RATES 6 TO 11	ADD % FOR CHARGES 0.0000	TOTAL OF RATES 6 TO 14	AMOUNT
						SAND HM	METAL Bricks								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
32	Providing and fixing of colour Zincolume (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 MR 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 polyester paint coat (with inorganic pigment). The paint shall have a total coating thickness of nominal 35 um, comprising of nominal 25 um exerior coat on top surface & nominal 10um 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 shall be designed for anticapillary groove & return leg. The fid material should have coil manufactures product detailes marked at regular interval, including fasteners with minimum fastened with minimum 25 um Zink tin alloy coated, hex headed, self drilling screw etc. complete. (As directed by Engineer in charge)	30.10	sq m	38.35/292	751.00				751.00		751.00	0.00	751.00	22605	
33	Providing and fixing wind oppareted tarbo S S. ventiletar systim (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 waterproof 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].	16.00	Nos	Sr No. 42/672	9702.00				9702.00		9702.00	0.00	9702.00	155232	
34	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	32.40	RMT	R.A.	1024.00				1024.00		1024.00	0.00	1024.00	33178	
35	Filling in plinth with approved excavated stuff obtained from departmental land including watering, compacting etc. complete as directed. (Bd. A. 10/262)	63.00	cu m	21.36/194	120.00				120.00		120.00	0.00	120.00	7560	
36	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].	396.00	cu m	R.A.	994.24				994.24		994.24	0.00	994.24	393719	
37	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	1319.00	sq m	2.31/28	21.00				21.00		21.00	0.00	21.00	27699	

I.N.	DESCRIPTION OF ITEM	QTY.	U/I	I.N./P.N	BASIC RATE	LEAD CHARGES		Deduct SCADA 5% 0.0500	T	Add 0 % C Area Charges 0.000	TOTAL OF RATES 6 TO 11	ADD % FOR CHARGES 0.0000	TOTAL OF RATES 6 TO 14	AMOUNT
						SAND HM	METAL Bricks							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
38	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 ]	132.00	cu m	R.A.	1282.58				1282.58		1282.58	0.00	1282.58	169301
39	Compacting oversize & size metal layers combindaly with power roler not less than 8 tonnes including artificial watering & leveling etc. complete as directed (Rd.35/209)	660.00	sq m	M R	40.00				40.00		40.00	0.00	40.00	26400
40	Providing and laying in situ cement concrete M20 with tremix treatment for 100 mm thickness for flooring with groove cutting of 4mm wide and 20mm deep with necessary refilling with bitumen etc. complete	630.00	sq m	33.30/265	796.00				796.00		796.00	0.00	796.00	501480
41	Providing treatment of TREMIX vaccum dewatering over prelaid cement concrete 1:2.4 surface including fixing of M S Channel formwork as per required size and placing	630.00	sq m	R.A.	60.00				60.00		60.00	0.00	60.00	37800
42	Providing groove cutting 50 mm x 6 mm in cement concrete flooring etc. complete as directed.	1.00	R mt	R.A.	50.00				50.00		50.00	0.00	50.00	50
43	Providing & fixing ISMC 150 with weight @ 16.80 Kgs/Rmt 20 mm dia & 0.50 m long bolts & nuts @ 1.00 m/c, M.S. angles for stands of fire bucket including chain fixing in wall applying three coats of oilpaint etc. complete	0.35	MT	23.01/212	101844.00				101844.0		101844.00	0.00	101844.0	35645
44	Providing & Fixing in position M.S. ladder of 45 cms width made out 50 x 50 x 6 mm two angles for rails and M.S. angle stiffeners at three places as directed with M.S. round bars of 20 mm dia for steps @ every 30 cm c/c including fixing	7.00	R mt	R.A.	996.00				996.00		996.00	0.00	996.00	6972
45	Providing and fixing lioghtening conductor system comprising of erecting Air-Termination consisting of tubular copperrod of 25 mm dia. 1.2 mm thick with multiple point shead 1.2mt.long (HeavyDuty)weldedor clamped to G.I pipe pole Bgrade 50 mm dia of requiredl ength with M S round bnase plate 25 Cmdiamand 10mm thick at bottom embeded in cement concrete 1:3:6 d foundation of size 45 cm diam x 45cm Height and providing earth ing with copper earth plate of size60x60x0.3cms with cadmiump l at ed nut bolt sto fixe arthing strip hurried Especially prepared earth pits1.5metre below ground level with 40 Kilogram charcoal and salt with alternate layers of charcoal and salt and G I.pipe 40 mm dia2meter length burned inearthe up to earthing plateremining portion above ground level forwatering and refillingc	1.00	Nos	44.18/367	25784.00				25784.00		25784.00	0.00	25784.00	25784

I.N.	DESCRIPTION OF ITEM	QTY.	U'	I.N./ P.N	BASIC RATE	LEAD CHARGES		Deduct SCADA 5% 0.0500	T	Add 0 % C Area Charges 0.000	TOTAL OF RATES 6 TO 11	ADD % FOR CHARGES 0.0000	TOTAL OF RATES 6 TO 14	AMOUNT
						SAND HM	METAL Bricks							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
46	Conveying the materials obtained from excavation including all lifts, laying in layers, breaking clods, dressing to the required lines, curves, grades and section for a lead over 50m to 300m from the site of	1.00	cu m	2.25/27	195.00						195.00	0.00	195.00	195
47	Conveying the materials obtained from excavation including laying in layers, breaking clods, dressing to the required lines, curves, grades and section for all leads & lifts from the site of excavation to the site of deposition away from building as directed engineer in charge.	75.00	cu m	Lead Stat.	321.99						321.99	0.00	321.99	24149
48	Providing pre-constructional Anti-termite treatment as per I.S. 6313 (Part-II) - 1973 by treating the top surface of plinth filling at the rate of 5 litres of emulsion concentrates of 0.5 percent of Hephoclore per square meter of surface	630.00	sq m	21.24/192	108.00						108.00	0.00	108.00	68040
49	Providing and fixing in position powder coated aluminium louvered windows / ventilator of various sizes with powder coating as per detailed drawing and specifications including aluminium frames 80 x 38 mm x 1.22 mm box type, 5 mm thick sheet glass louvers, of approved quality etc. complete.	39.00	sq m	39.68/323	3467.00						3467.00	0.00	3467.00	135213
<b>Total Rs</b>											=	<b>9778404</b>		

  
**K.V.AMRUTWAD**  
 Regd.Consulting Engineer  
 R.No.State/R/2022/APL/00733