

# ESTIMATE

## NAME OF WORK

NAME OF WORK : CONSTRUCTION OF 1350 MT WAREHOUSE & TURMERIC  
PROCESSING UNIT FOR LATE SAMBHAJI PAWAR FARMER PRODUCER  
COMPANY LIMITED AT- PLOT NO B-176, KUSHNOOR , TQ- NAIGAON (KH), DIST-  
NANDED.

**COST OF ESTIMATE RS = 19365041.00**

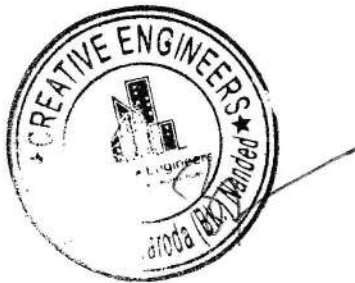
CIVIL WORK E-SSR YEAR 2021-2022

**LATE SAMBHAJI PAWAR FARMER PRODUCER COMPANY LIMITED**  
AT- PLOT NO B-176, KUSHNOOR , TQ- NAIGAON (KH), DIST- NANDED.

**RECAPULATION SHEET**

**NAME OF WORK : CONSTRUCTION OF 1350 MT WAREHOUSE & TURMERIC PROCESSING UNIT FOR  
LATE SAMBHAJI PAWAR FARMER PRODUCER COMPANY LIMITED AT- PLOT NO B-176, KUSHNOOR  
, TQ- NAIGAON (KH), DIST- NANDED.**

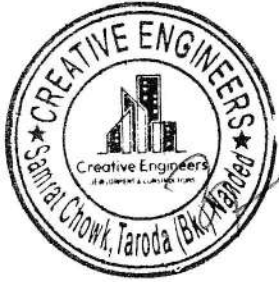
Based On SSR 2021-22				1800		
PARTICULARS	UNIT	AMOUNT	COST PER MT	COST PER UNIT		
S.W. - I WH BUILDING 1/1350MT	736.02 Sq.M	10099354.31	7481.01	13721.58		
S.W. - II WH BUILDING 1/450MT	294.465 Sq.M	4247116.12	9438.04	14423.17		
<b>TOTAL COST OF WH. BUILDING</b>		<b>14346470.43</b>	<b>16919.1</b>	<b>28144.75</b>		
S.W.- III INTERNAL ROADS	1155 Sq.M Rs	1446319.48		1252.23		
S.W.IV- ELECTRIFICATION	1350 MT Rs	113183.00		83.84		
S.W.V- ELECTRIFICATION HALAD PRAKRIYA KENDRA	450 MT Rs	33712.00		74.92		
S.W.VI-ROYALTY CHARGES		Rs 464249.28				
S.W.VII- LAB. TESTING CHARGES		Rs 10350				
<b>TENDER COST</b>		<b>Rs 16414284.19</b>	<b>9119.05</b>	<b>15928.7</b>		
<b>GRAND TOTAL</b>		<b>Rs 16414284.19</b>				
ADD GST 18%	18%	Rs 2871006.29				
ADD 0.05% LABOUR INSURANCE		Rs 79750				
<b>GRAND TOTAL</b>		<b>Rs 19365041</b>	<b>10759</b>	<b>18793</b>		



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PROCESSING UNIT FOR LATE SAMBHAJI PAWAR FARMER PRODUCER COMPANY  
LIMITED AT- PLOT NO B-176, KUSHNOOR , TQ- NAIGAON (KH), DIST- NANDED.**

**GENERAL ABSTRACT**

SR. NO	DESCRIPTION	RS	WH AMOUNT	HALAD PRAKRIYA KENDRA	ROAD AMOUNT	TOTAL AMOUNT
1	COST OF CIVIL WORK	RS	10102804.31	4250566.12	1449769.48	15803139.91
2	ELECTRICAL CHARGES	RS	113183.00	33712.00	0.00	146895.00
3	ROYALTY CHARGE	RS	192381.73	49507.60	222359.95	464249.28
4	ADD 0.5% INSURANCE	RS	51079.94	21421.39	7248.85	79750.18
5	ADD 18% GST	RS	1838877.72	771170.06	260958.51	2871006.29
TOTAL			12298326.69	5126377.17	1940336.78	19365040.65
SAY			12298327.00	5126378.00	1940337.00	19365042.00
GRAND TOTAL			12298327.00	5126378.00	1940337.00	19365042.00



**NAME OF WORK : CONSTRUCTION OF 1350 MT WAREHOUSE & TURMERIC PROCESSING UNIT FOR LATE SAMBHAJI PAWAR FARMER PRODUCER COMPANY LIMITED AT- PLOT NO B-176, KUSHNOOR , TQ- NAIGAON (KH), DIST- NANDED.**

**ABSTRACT**

SR. NO	DESCRIPTION OF ITEM`	QUNTIY	RATE	UNIT	AMOUNT
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	64.20	193.00	Cum	12390.60
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	123.50	241.00	Cum	29763.50
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	90.70	212.00	cum	19228.40
4	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	80.70	6177.11	Cum	498492.45

5	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, striking joints on unexposed faces, raking out joints on exposed faces and watering etc. Complete.	31.60	7841.93	Cum	247805.08
6	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..	15.90	72171.01	MT	1147519.06
7	Providing and laying in situ /Ready Mix cement concrete M-25 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 SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)	47.70	7512.42	cum	358342.21
8	Providing and laying Cast in situ/Ready Mix cement concrete M-25 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)	27.30	13833.42	cum	377652.24

9	Providing and laying Cast in situ/Ready Mix cement concrete M-25 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 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	61.20	12328.42	cum	754499.01
10	Providing and laying Cast in situ/Ready Mix cement concrete M-25 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 (Natural sand VSI Grade)	1.56	13958.42	cum	21775.13
11	Providing and laying Cast in situ/Ready Mix cement concrete M-25 of trap/ granite / quartzite/ gneiss metal for R.C.C. slabs and landings as per detailed designs and drawings including steel centering, <del>formwork cover blocks laying/pumping</del>	6.80	14790.42	CUM	100574.82
12	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	155.60	7785.15	Cu.M	1211369.93
13	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.	914.10	750.57	Sq.M	686094.89

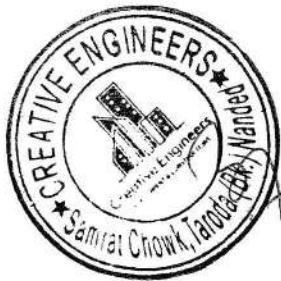
14	Providing internal cement plaster 20mm. thick in Single coats in cement mortar 1:3 without neeru finish, to concrete, brick surface, in all positions including scaffolding and curing etc. complete.	616.40	516.82	Sq.M	318566.81
15	Providing and applying two coats of exterior acrylic emulsion paint conforming 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	914.10	240.00	Sq.M	219384.00
16	Providing and applying plastic emulsion paint of approved quality, colour and shade to old and new surfaces in two coats including scaffolding, preparing the surface. (excluding the primer coat) etc. complete.	616.40	70.00	Sq.M	43148.00
17	Providing and applying white-wash in two coats on old/new plastered or masonry surface sand as best as cement sheets including scaffolding and preparing the surface by brushing and brooming down etc. complete.	1530.50	11.00	Sq.M	16835.50
18	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).	21.00	4310.00	Sq.M	90510.00
19	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	13.30	106302.01	MT	1413816.73

20	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.).	805.30	816.00	Sq.M	657124.80
21	Providing and fixing of colour Zinalume (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 noiminal 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 minimum 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 )	19.10	1095.00	Rum	20914.50
22	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 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)	10.00	8095.00	Nos	80950.00
23	Filling in plinth with approved excavated stuff obtained from departmental land including watering, compacting etc. complete as directed. (Bd. A.10/262)	145.20	113.00	Cu.M	16407.60

24	Filling in plinth and floors with contractors material/brought from out side and approved by Engineer in charge in layers of 15 cm to 20 cm including watering and compaction etc.complete. SSR I No 21.37	353.30	550.00	Cu.M	194315.00
25	Providing dry/ trap/ granite/ quartzite/ gneiss rubble stone soling 15 cm to 20 cm thickincluding hand packing and compacting etc. complete.	133.00	1698.79	Cu.M	225939.07
26	Providing and laying in situ cement concrete M20 with tremix treatment for 200mm thickness for flooring with groove cutting of 4mm wide and 20mm deep with necessary refilling with bitumen etc. complete.	664.60	1492.00	SqM	991583.20
27	Providing & fixing ISMC 150 with weight @ 16.80 Kgs/Rmt 20 mm dia & 0.50 m long bolts & nuts @ 1.00 mc/c, M.S. angles for stands of fire bucket including chain fixing in wall applying three coats of oilpaint etc. compl	0.91	76331.01	MT	69316.19
28	Providing and fixing in position.(asperI.S.1868/1982) Aluminium sliding window of two tracks with rectangular pipe having over all dimension?63.50x38.10x1.02 mm at weight 0.547Kilogram/Running metre. and window frame bottom track section 61.85x31.75x1.20mm at weight 0.695 Kilogram/Running metre.To pand side track section 61.85x31.75x1.30mm at weight 0.659 Kilogram/Running metre.The shutter should be of bearing bottom 40x18x1.25 mm at weight 0.417 Kilogram /Running metre.Interlocking section 40x18x1.10 mm at weight 0.469 Kilogram /Running metre. And handle section 40x18x1.25 mm at weight0.417 Kilogram/Running metre. and to p section 40 x 18 x 1.25 mm at weight 0.417Kilogram/Running metre .As per detailed drawings and as directed by Engineerin charge with all necessary Aluminium sections fixtures and fastenings such as roller bearing innyloncasting and self locking catch fitted in vertical section of shutter including 5mm thick plain glass with all required screws and nuts etc, complete. With powder coating without box	19.20	4769.00	Sqm	91564.80
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	19.20	3033.00	Sq.M	58233.60

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30	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	664.56	94.00	Sq.M	62468.64
31	Providing & fixing lightening conductor system comprising of erecting Air termination consisting of tubular copper rod of 25 mm dia 1.2 mm thick with multiple points head 1.2 mt long [heavy duty] welded or clamped to G.I. pipe pole " B" gr	14.00	2358.85	M	33023.85
32	Providing & applying oil painting in two coats of approved colour & shade to flooring for marking stacklines including preparing the surfaces & primer coat etc. complete. (Bd.0 7/406)	26.64	130.00	Sq.M	3463.20
33	Providing & fixing in position M.S ladder of 45cms width made out 50 mmx50mmx6mm two angle for rails and M.S angle stiffeners at three places as directed with M.S bars of 20 mm dia for steps @every 30cm c/c including fixing.	10.00	2628.15	R.M	26281.50
<b>TOTAL AMOUNT</b>				=	<b>10099354.31</b>
<b>Material Teasting Charges</b>					
	Compressive Strength OF C.C. Cube (Set of 3 cubes).	5	690	Nos	<b>3450</b>
<b>TOTAL AMOUNT OF CIVIL WORK</b>				=	<b>10102804.31</b>
<b>Royalty Charges</b>					
	Royalty for sand	204.23	237.37	Cu.M	48478.05
	Royalty for murum & metal	665.67	216.18	Cu.M	143903.68
<b>TOTAL AMOUNT Of Royalty</b>				=	<b>192381.73</b>



**NAME OF WORK : CONSTRUCTION OF 1350 MT WAREHOUSE & TURMERIC PROCESSING UNIT FOR LATE SAMBHAJI PAWAR FARMER PRODUCER COMPANY LIMITED AT- PLOT NO B-176, KUSHNOOR , TQ- NAIGAON (KH), DIST- NANDED.**

**ABSTRACT ( HALAD PRAKRIYA KENDRA )**

SR. NO	DESCRIPTION OF ITEM`	QUNTITY	RATE	UNIT	AMOUNT
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	35.80	193.00	Cum	6909.40
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	69.30	241.00	Cum	16701.30
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	51.90	212.00	cum	11002.80
4	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	21.60	6177.11	Cum	133425.49

5	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 , striking joints on unexposed faces, raking out joints on exposed faces and watering etc. Complete.	10.80	7841.93	Cum	84692.88
6	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..	7.16	72171.01	MT	516744.43
7	Providing and laying in situ /Ready Mix cement concrete M-25 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 SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)	28.60	7512.42	cum	214855.08
8	Providing and laying Cast in situ/Ready Mix cement concrete M-25 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)	16.60	13833.42	cum	229634.69

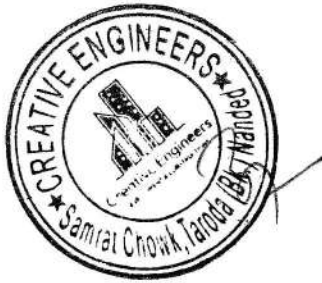
9	Providing and laying Cast in situ/Ready Mix cement concrete M-25 of trap / granite /quartzite/ gneiss metal for R.C.C. beams and lintels as per detailed designs and drawings or as directed including steel centering, formwork, cover blocks, laying/pumping, compaction and roughening the surface if special 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	31.50	12328.42	cum	388345.08
10	Providing and laying Cast in situ/Ready Mix cement concrete M-25 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 (Natural sand VSI Grade)	0.40	13958.42	cum	5583.37
11	Providing and laying Cast in situ/Ready Mix cement concrete M-25 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	2.40	14790.42	CUM	35497.00
12	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	57.70	7785.15	Cu.M	449203.37
13	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.	527.10	750.57	Sq.M	395624.79

14	Providing internal cement plaster 20mm. thick in Single coats in cement mortar 1:3 without neeru finish, to concrete, brick surface, in all positions including scaffolding and curing etc. complete.	367.20	516.82	Sq.M	189775.69
15	Providing and applying two coats of exterior acrylic emulsion paint conforming 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	527.10	240.00	Sq.M	126504.00
16	Providing and applying plastic emulsion paint of approved quality, colour and shade to old and new surfaces in two coats including scaffolding, preparing the surface. (excluding the primer coat) etc. complete.	367.20	70.00	Sq.M	25704.00
17	Providing and applying white-wash in two coats on old/new plastered or masonry surface sand as best as cement sheets including scaffolding and preparing the surface by brushing and brooming down etc. complete.	894.30	11.00	Sq.M	9837.30
18	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).	10.50	4310.00	Sq.M	45255.00
19	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	4.90	106302.01	MT	520879.85

20	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.).	323.20	816.00	Sq.M	263731.20
21	Providing and fixing of colour Zinalume (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 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 & 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 feed material should have coil manufacturers product details marked at regular interval. including fasteners with minimum fastened with minimum 25 um Zinc- 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 )	10.30	1095.00	Rum	11278.50
22	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 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)	8.00	8095.00	Nos	64760.00
23	Filling in plinth with approved excavated stuff obtained from departmental land including watering, compacting etc. complete as directed.(Bd. A.10/262)	79.40	113.00	Cu.M	8972.20

24	Filling in plinth and floors with contractors material/brought from out side and approved by Engineer in charge in layers of 15 cm to 20 cm including watering and compaction etc.complete. SSR I No 21.37	64.70	550.00	Cu.M	35585.00
25	Providing dry/ trap/ granite/ quartzite/ gneiss rubble stone soling 15 cm to 20 cm thickincluding hand packing and compacting etc. complete.	48.10	1698.79	Cu.M	81711.80
26	Providing and laying in situ cement concrete M20 with tremix treatment for 100mm thickness for flooring with groove cutting of 4mm wide and 20mm deep with necessary refilling with bitumen etc. complete.	240.10	746.00	SqM	179114.60
27	Providing & fixing ISMC 150 with weight @ 16.80 Kgs/Rmt 20 mm dia & 0.50 m long bolts & nuts @ 1.00 mc/c, M.S. angles for stands of fire bucket including chain fixing in wall applying three coats of oilpaint etc. compl	0.91	76331.01	MT	69316.19
28	Providing and fixing in position.(asperI.S.1868/1982) Aluminium sliding window of two tracks with rectangular pipe having over all dimension?63.50x38.10x1.02 mm at weight 0.547Kilogram/Running metre. and window frame bottom track section 61.85x31.75x1.20mm at weight 0.695 Kilogram/Running metre.To pand side track section 61.85x31.75x1.30mm at weight 0.659 Kilogram/Running metre.The shutter should be of bearing bottom 40x18x1.25 mm at weight 0.417 Kilogram /Running metre.Interlocking section 40x18x1.10 mm at weight 0.469 Kilogram /Running metre. And handle section 40x18x1.25 mm at weight0.417 Kilogram/Running metre. and to p section 40 x 18 x 1.25 mm at weight 0.417Kilogram/Running metre .As per detailed drawings and as directed by Engineerin charge with all necessary Aluminium sections fixtures and fastenings such as roller bearing innyloncasting and self locking catch fitted in vertical section of shutter including 5mm thick plain glass with all required screws and nuts etc, complete. With powder coating without box	10.80	4769.00	Sqm	51505.20
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	10.80	3033.00	Sq.M	32756.40

30	Providing pre-constructural 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	1.00	94.00	Sq.M	94.00
31	Providing & fixing lightening conductor system comprising of erecting Air termination consisting of tubular copper rod of 25 mm dia 1.2 mm thick with multiple points head 1.2 mt long [heavy duty] welded or clamped to G.I. pipe pole " B" gr	10.00	2358.85	M	23588.46
32	Providing & applying oil painting in two coats of approved colour & shade to flooring for marking stacklines including preparing the surfaces & primer coat etc. complete. (Bd.0 7/406)	1.00	130.00	Sq.M	130.00
33	Providing & fixing in position M.S ladder of 45cms width made out 50 mmx50mmx6mm two angle for rails and M.S angle stiffeners at three places as directed with M.S bars of 20 mm dia for steps @every 30cm c/c including fixing.	7.00	2628.15	R.M	18397.05
	<b>TOTAL AMOUNT</b>			=	<b>4247116.12</b>
	<b>Material Teasting Charges</b>				
	Compressive Strength OF C.C. Cube (Set of 3 cubes).	5	690	Nos	3450
	<b>TOTAL AMOUNT OF CIVIL WORK</b>			=	<b>4250566.12</b>
	<b>Royalty Charges</b>				
	Royalty for sand	92.07	237.37	Cu.M	21853.85
	Royalty for murum & metal	127.92	216.18	Cu.M	27653.75
	<b>TOTAL AMOUNT. Of Royalty</b>			=	<b>49507.6</b>



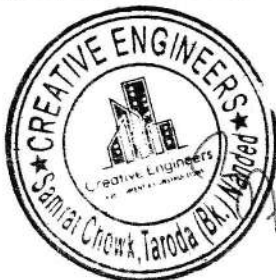
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**NAME OF WORK : CONSTRUCTION OF 1350 MT WAREHOUSE & TURMERIC PROCESSING UNIT FOR LATE SAMBHAJI PAWAR FARMER PRODUCER COMPANY LIMITED AT- PLOT NO B-176, KUSHNOOR , TQ- NAIGAON (KH), DIST- NANDED.**

**ABSTRACT (ROAD)**

SR .N	DESCRIPTION OF ITEM`	QUNTIY	RATE	UNIT	AMOUNT
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.	962.69	193.00	CuM	185799.17
2	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 fine aggregate (Natural SAND)	0.29	6177.11	CuM	1791.36
3	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..	2.49	72171.01	MT	179705.81
4	Providing and laying in situ /Ready Mix cement concrete M-25 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 etc. complete. With fine aggregate (naturalsand )	21.69	7512.42	CuM	162944.29
5	Providing and laying Cast in situ/Ready Mix cement concrete M-25 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 etc. complete. With fine aggregate (natural sand)	0.94	13833.42	CuM	13003.41
6	Providing Hard Murum cohesive non-swelling materials in plinth in layers of 20 cms etc. complete as directed. [ Only compacted thickness is payable ].	462.24	477.60	CuM	220765.82

7	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.	1155.60	19.00	Sq.M	21956.4
8	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.	231.12	1328.79	Cu.M	307109.94
9	Compacting oversize & size metal layers combindaly with power roler not less than 8 tonnes including artificial watering & leveling etc. complete as directed.	1155.60	19.00	Sq.M	21956.4
10	Supplying soft murum at the road site, including conveying and stacking complete.	231.12	474.00	Sq.M	109550.88
11	Spreading hard murum/ soft murrum/ gravel or kankar for side width complete	1155.60	74.00	Sq.M	85514.4
12	Providing and erecting Y type barbed wire fencing with seven rows of wire with 2.45 mm dia G.I.pipe (Rezan/concenti Deletedire 0.75mm dia) with hot dip and G.I. coated hooks as per drawing supported on M.S. angle 50x50x6mm at 2.5mtr.c/c including fixing and fastening with wire, painting M.S. angles with one coat of red lead primer and two coat of oil paint etc. complete.	137.40	824.00	R.mt	113217.6
13	Providing and fixing mild steel grill gate as per the detailed drawing including hinges, locking arrangements and painting in three coats of oil paint of approved colour and shade etc.complete.(weight18Kilogram. to 20 Kilogram. Per Sq.m.)Spec.Number: As directed by Engineer- in-charge.	12.00	1917.00	Sq.M	23004.00
<b>TOTAL AMOUNT</b>				=	<b>1446319.48</b>
<b>Material Teasting Charges</b>					
	Compressive Strength OF C.C. Cube (Set of 3 cubes).	5	690	Nos	3450
<b>TOTAL AMOUNT OF CIVIL WORK</b>				=	<b>1449769.48</b>
<b>Royalty Charges</b>					
	Royalty for sand	9.75	237.37	Cu.M	2315.32
	Royalty for murum & metal	1017.88	216.18	Cu.M	220044.63
<b>TOTAL AMOUNT Of Royalty</b>				=	<b>222359.95</b>



**NAME OF WORK : CONSTRUCTION OF 1350 MT WAREHOUSE & TURMERIC PROCESSING UNIT FOR LATE SAMBHAJI PAWAR FARMER PRODUCER COMPANY LIMITED AT- PLOT NO B-176, KUSHNOOR , TQ- NAIGAON (KH), DIST- NANDED.**

Based on PWD Electrical DSR 2021-22 & Market rates

I.N.	DESCRIPTION OF ITEM	QUANTITY	UNIT	I.N./P.N	BASIC RATE	R.A.	TOTAL	ADD 5 %	TOTAL	AMOUNT
								Other Than Dist.	Rate	
<b>S.W. II - Electrification</b>										
					Rs. Ps					
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>
1	Supplying & erecting PVC armoured cable 3 core 6 sq mm in trench/wall	15	R M	7-2-16/129	283.00		283.00	14.15	297.15	4457.25
2	Supplying, erecting & terminating XLPE armoured cable 3 core 10 sq. mm. copper conductor continuous 5.48 sq.mm. (12 SWG) G.I. earth wire complete erected with glands & lugs, on wall/ trusses/ pole or laid in provided trench/ pipe as per specification no. CB-LT/CU	15	R M	7-2-17/129	426.00		426.00	21.30	447.30	6709.50
3	Making trench of suitable width and depth in soft soil for laying provided LT cable up to and including 16 sq.mm complete as per specification no. CW-EXN-CTR	15	R M	16-1-1/239	156.00		156.00	7.80	163.80	2457.00
4	Making trench of suitable width and depth in hard murum / tar road for laying provided LT cable up to and including 16 sq. mm complete as per specification no.	12	R M	16-1-2/239	193.00		193.00	9.65	202.65	2431.80
5	Supplying and erecting ISI mark GI pipe 75/80 mm dia. 'B' class at position with accessories complete. Specification no. CW-PLB/GP.	12	R M	16-5-8/242	1094.00		1094.00	54.70	1148.70	13784.40
6	Supplying & erecting G.I. pipe 'A' class 25 mm dia. erected for enclosing XLPE armoured cable on wall/pole as per specification no. CB-CE	12	R M	7-6-1/196	138.00		138.00	6.90	144.90	1738.80

7	Supplying & erecting Siemens type brass cable glands for 3 to 4 core 6 sq. mm. /2 to 4 core 10 sq. mm. for XLPE armoured cable as per specification No. CB-GL	7	NO	7-6-10/139	227.00	227.00	11.35	238.35	1668.45
8	Providing point wiring for street light with PVC unarmoured cable 1100Volt grade ISI mark 3 core 1.5 sqmm stranded / solid copper erected on wall with G. I. Saddle duly painted @ 0,25 m C/C rigidly grouted in the wall with the help of plated screw including 4" x 4" M. S. box 2 way with epoxy painting & inside 10 amp Nylon connector strip for street light connection and flexible cable of 2 mtrs. for street light connection etc. complete as directed by Engineer in charge.	7	NO	R A	1223.60	1223.60	0.00	1223.60	8565.20
9	Supplying & erecting weatherproof powder coated distribution board 4 way with 2 x 6/10 Amp S. P. M. C. B. with industrial two pin plug socket 10 A and 3 pin plug top 10 A with top cover necessary connection etc complete with approved make.	5	NO	R A	1290.00	1290.00	64.50	1354.50	6772.50
10	Supplying & erecting mains PVC unarmoured cable 1100Volt grade ISI mark 3 core / 2.5 sqmm stranded / solid copper complete erected on wall with duly painted G. I. Saddle @ 0.25 m C/C & rigidly grouted in the wall with the help of plated screws.	98	R M	R A	125.60	125.60	0.00	125.60	12311.31
11	Supplying, erecting & marking DPMCB 6 A to 32 A B- series (for lighting) in provided distribution board as per specification no. SW-SWR/MCB	6	NO	5-3-7/94	460.00	460.00	23.00	483.00	2898.00

12	Supplying and erecting LED street light fitting suitable for 20 to 25W, with PF > 0.95 class IP 65 and above housing of pressure die cast aluminium alloy and heat sink extruded aluminium complete as per specification No FG-ODF/FLS	6	NO	2-9-4/38	712	712.00	35.60	747.60	4485.60
13	Supplying & erecting CRCA sheet metal one ayenclosures suitable for DP MCB /TP MCB /FP MCB erected on angle iron/GI frame complete.	5	NO	5-4-23/97	361.00	361.00	18.05	379.05	1895.25
14	Point wiring for light/fan/bell in 20 mm ISI marked HMS PVC conduit with 1.5 sq.mm (2+1E) FR grade copper wire, flush type switch, earthing and required accessories as per specification No: WG-PW/SW	5	NO	1-9-5/16	429.00	429.00	21.45	450.45	2252.25
15	Point wiring for independent plug in 20 mm ISI marked HMS PVC conduit with 1.5 sq.mm (2+1E) FRLSH grade copper wire, flush type switch, earthing and required accessories as per specification No: WG-PW/SW	5	NO	1-9-8/17	496.00	496.00	24.80	520.80	2604.00
16	Supplying & erecting mains with 2 x 2.5 Sq.mm stranded copper PVC insulated wire with 2 x 1.5 Sq.mm copper PVC wire in PVC casing - capping 20 mm on wall / ceiling.	10	NO	R.A	154.00	154.00	7.70	161.70	1617.00
17	Supplying & erecting 10-12W, 230V integral type LED Lamp suitable for B-22/E-27 base	8	NO	2-10-11/40	230.00	230.00	11.50	241.50	1932.00
18	S & E marine plywood 19 mm tk	5	Sq m	6-1-14/113	1342.00	1342.00	67.10	1409.10	7045.50
19	Supplying and erecting GI sheet 1.6 mm (16 SWG) to be used for fabrication of boxes panel boards etc. including cutting, bending, drilling, welding, riveting etc. and painting with one coat of red lead paint and 2 coats of enamel paint.	5	Sq m	6-1-2/112	2264.00	2264.00	113.20	2377.20	11886.00

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20	Supplying & erecting ready to use Retrofit T8 LED 18 / 20 tube light with polycarbonate body, heat sink, integrated HF electronic driver complete & compatible to T8 / T12 LED luminaire by disconnecting	8	NO	2-10-14/40	626.00	626.00	31.30	657.30	5258.40
21	S & E 4 pole insulator only switch version of MCB of 40 Amp	4	NO	5-3-24/95	625.00	625.00	31.25	656.25	2625.00
22	S & E 40 mm dia G.I. pipe 2.5 m length for earthplate	4	NO	9-1-4/159	1355.00	1355.00	67.75	1422.75	5691.00
23	P & F cover made of wiremesh jalli	4	NO	2-4-10/33	442.00	442.00	22.10	464.10	1856.40
24	S & E 4 " x 4" epoxy coated 3way junction box	4	NO	M.R.	60.00	60.00	0.00	60.00	240.00
								<b>Total Rs.</b>	<b>113183.00</b>



**NAME OF WORK : CONSTRUCTION OF 1350 MT WAREHOUSE & TURMERIC PROCESSING UNIT FOR LATE SAMBAHAJI PAWAR FARMER PRODUCER COMPANY LIMITED AT- PLOT NO B-176, KUSHNOOR , TQ- NAIGAON (KH), DIST- NANDED.**

**ELECTRIFICATION ( HALAD PRAKRIYA KENDRA)**

Based on PWD Electrical DSR 2021-22 & Market rates

I.N.	DESCRIPTION OF ITEM	QUANTITY	UNIT	I.N./P.N	BASIC RATE	R.A.	TOTAL	ADD 5 %	TOTAL	AMOUNT
					Rs. Ps			Other Than Dist.	Rate	
<b>S.W. II - Electrification</b>										
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>
1	Supplying & erecting PVC armoured cable 3 core 6 sq mm in trench/wall	3	R M	7-2-16/129	283.00		283.00	14.15	297.15	891.45
2	Supplying, erecting & terminating XLPE armoured cable 3 core 10 sq. mm. copper conductor continuous 5.48 sq.mm. (12 SWG) G.I. earth wire complete erected with glands & lugs, on wall/ trusses/ pole or laid in provided trench/ pipe as per specification no. CB-LT/CU	3	R M	7-2-17/129	426.00		426.00	21.30	447.30	1341.90
3	Making trench of suitable width and depth in soft soil for laying provided LT cable up to and including 16 sq.mm complete as per specification no. CW-EXN-CTR	3	R M	16-1-1/239	156.00		156.00	7.80	163.80	491.40
4	Making trench of suitable width and depth in hard murum / tar road for laying provided LT cable up to and including 16 sq. mm complete as per specification no.	3	R M	16-1-2/239	193.00		193.00	9.65	202.65	607.95
5	Supplying and erecting ISI mark GI pipe 75/80 mm dia. 'B' class at position with accessories complete. Specification no. CW-PLB/GP.	3	R M	16-5-8/242	1094.00		1094.00	54.70	1148.70	3446.10

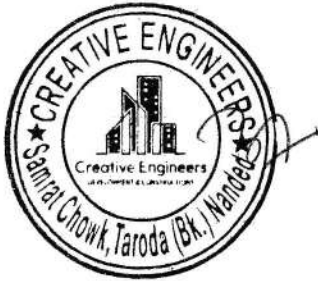
6	Supplying & erecting G.I. pipe 'A' class 25 mm dia. erected for enclosing XLPE armoured cable on wall/pole as per specification no. CB-CE	2	R M	7-6- 1/196	138.00	138.00	6.90	144.90	289.80
7	Supplying & erecting Siemens type brass cable glands for 3 to 4 core 6 sq. mm. /2 to 4 core 10 sq. mm. for XLPE armoured cable as per specification No. CB-GL	2	NO	7-6- 10/139	227.00	227.00	11.35	238.35	476.70
8	Providing point wiring for street light with PVC unarmoured cable 1100Volt grade ISI mark 3 core 1.5 sqmm stranded / solid copper erected on wall with G. I. Saddle duly painted @ 0,25 m C/C rigidly grouted in the wall with the help of plated screw including 4" x 4" M. S. box 2 way with epoxy painting & inside 10 amp Nylon connector strip for street light connection and flexible cable of 2 mtrs. for street light connection etc. complete as directed by Engineer in charge.	2	NO	R A	1223.60	1223.60	0.00	1223.60	2447.20
9	Supplying & erecting weatherproof powder coated distribution board 4 way with 2 x 6/10 Amp S. P. M. C. B. with industrial two pin plug socket 10 A and 3 pin plug top 10 A with top cover necessary connection etc complete with approved make.	2	NO	R A	1290.00	1290.00	64.50	1354.50	2709.00
10	Supplying & erecting mains PVC unarmoured cable 1100Volt grade ISI mark 3 core / 2.5 sqmm stranded / solid copper complete erected on wall with duly painted G. I. Saddle @ 0.25 m C/C & rigidly grouted in the wall with the help of plated screws.	12	R M	R A	125.60	125.60	0.00	125.60	1456.96
11	Supplying, erecting & marking DPMCB 6 A to 32 A B- series (for lighting) in provided distribution board as per specification no. SW-SWR/MCB	3	NO	5-3- 7/94	460.00	460.00	23.00	483.00	1449.00

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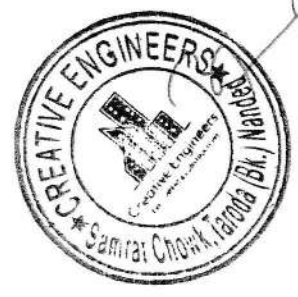
12	Supplying and erecting LED street light fitting suitable for. 20 to 25W, with PF > 0.95 class IP 65 and above housing of pressure die cast aluminium alloy and heat sink extruded aluminium complete as per specification No FG-ODF/FLS	2	NO	2-9-4/38	712		712.00	35.60	747.60	1495.20
13	Supplying & erecting CRCA sheet metal one ayenclosures suitable for DP MCB /TP MCB /FP MCB erected on angle iron/GI frame complete.	1	NO	5-4-23/97	361.00		361.00	18.05	379.05	379.05
14	Point wiring for light/fan/bell in 20 mm ISI marked HMS PVC conduit with 1.5 sq.mm (2+1E) FR grade copper wire, flush type switch, earthing and required accessories as per specification No: WG-PW/SW	1	NO	1-9-5/16	429.00		429.00	21.45	450.45	450.45
15	Point wiring for independent plug in 20 mm ISI marked HMS PVC conduit with 1.5 sq.mm (2+1E) FRLSH grade copper wire, flush type switch, earthing and required accessories as per specification No: WG-PW/SW	2	NO	1-9-8/17	496.00		496.00	24.80	520.80	1041.60
16	Supplying & erecting mains with 2 x 2.5 Sq.mm stranded copper PVC insulated wire with 2 x 1.5 Sq.mm copper PVC wire in PVC casing - capping 20 mm on wall / ceiling.	1	NO	R.A		154.00	154.00	7.70	161.70	161.70
17	Supplying & erecting 10-12W, 230V integral type LED Lamp suitable for B-22/E-27 base	2	NO	2-10-11/40	230.00		230.00	11.50	241.50	483.00
18	S & E marine plywood 19 mm tk	2	Sq m	6-1-14/113	1342.00		1342.00	67.10	1409.10	2818.20
19	Supplying and erecting GI sheet 1.6 mm (16 SWG) to be used for fabrication of boxes panel boards etc. including cutting, bending, drilling, welding, riveting etc. and painting with one coat of red lead paint and 2 coats of enamel paint.	2	Sq m	6-1-2/112	2264.00		2264.00	113.20	2377.20	4754.40

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20	Supplying & erecting ready to use Retrofit T8 LED 18 / 20 tube light with polycarbonate body, heat sink, integrated HF electronic driver complete & compatible to T8 / T12 LED luminaire by disconnecting starter & ballast if	2	NO	2-10-14/40	626.00	626.00	31.30	657.30	1314.60
21	S & E 4 pole insulator only switch version of MCB of 40 Amp	2	NO	5-3-24/95	625.00	625.00	31.25	656.25	1312.50
22	S & E 40 mm dia G.I.pipe 2.5 m length for earthplate	2	NO	9-1-4/159	1355.00	1355.00	67.75	1422.75	2845.50
23	P & F cover made of wiremesh jalli	2	NO	2-4-10/33	442.00	442.00	22.10	464.10	928.20
24	S & E 4 " x 4" epoxy coated 3way junction box	2	NO	M.R.	60.00	60.00	0.00	60.00	120.00
								<b>Total Rs.</b>	<b>33712.00</b>



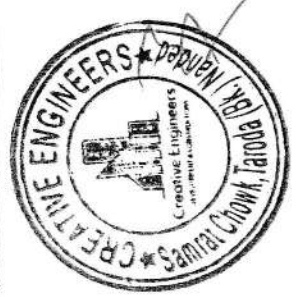
NAME OF WORK : CONSTRUCTION OF 1350 MT WAREHOUSE & TURMERIC PROCESSING UNIT FOR LATE SAMBHAJI PAWAR FARMER PRODUCER COMPANY LIMITED AT- PLOT NO B-176, KUSHNOOR , TQ- NAIGAON (KH), DIST- NANDED.											
ROYALTY STATEMENT ( WAREHOUSE)											
SR. NO	ITEM EXECUTED	QUANTITY IN ESTIMATE	SAND		MURUM		METAL		CRUSHED STONE		
			FACTOR	QTY	FACTOR	QTY	FACTOR	QTY	FACTOR	QTY	
4	M10 PCC	80.70	0.47	37.93	0.00	0.00	0.70	56.49	0.00	0.00	
5	BRICK WORK SUB STRUCTURE	31.60	0.32	10.11	0.00	0.00	0.00	0.00	0.00	0.00	
7	M-25 FOR FOOTING	47.70	0.425	20.27	0.00	0.00	0.85	40.55	0.00	0.00	
8	M-25 FOR COLUMN	27.30	0.425	11.60	0.00	0.00	0.85	23.21	0.00	0.00	
9	M-25 FOR BEAM	61.20	0.425	26.01	0.00	0.00	0.85	52.02	0.00	0.00	
10	M-25 FOR CHAJJA	1.56	0.425	0.66	0.00	0.00	0.85	1.33	0.00	0.00	
11	M-25 FOR SLAB	6.80	0.425	2.89	0.00	0.00	0.85	5.78	0.00	0.00	
12	BBM SUPER STRUCTURE	155.60	0.32	49.79	0.00	0.00	0.00	0.00	0.00	0.00	
13	EXTERNAL PLASTER	914.10	0.033	30.17	0.00	0.00	0.00	0.00	0.00	0.00	
14	INTERNAL PLASTER	616.40	0.024	14.79	0.00	0.00	0.00	0.00	0.00	0.00	
23	FILLING PLINT	353.30	0.00	0.00	1.00	353.30	0.00	0.00	0.00	0.00	
24	SOLING	133.00	0.00	0.00	0.00	0.00	1.00	133.00	0.00	0.00	
	<b>TOTAL</b>			<b>204.23</b>		<b>353.30</b>	<b>TOTAL QUANTITY</b>	<b>665.67</b>		<b>0.00</b>	
										<b>Cu.M</b>	



NAME OF WORK : CONSTRUCTION OF 1350 MT WAREHOUSE & TURMERIC PROCESSING UNIT FOR LATE SAMBHAJI PAWAR FARMER  
 PRODUCER COMPANY LIMITED AT- PLOT NO B-176, KUSHNOOR , TQ- NAIGAON (KH), DIST- NANDED.

ROYALTY STATEMENT (HALAD PRAKRIYA KENDRA)

SR. NO	ITEM EXECUTED	SAND		MURUM		METAL		CRUSHED STONE	
		FACTOR	QTY	FACTOR	QTY	FACTOR	QTY	FACTOR	QTY
4	M10 PCC	0.47	10.15	0.00	0.00	0.70	15.12	0.00	0.00
5	BRICK WORK SUB STRUCTURE	0.32	3.46	0.00	0.00	0.00	0.00	0.00	0.00
7	M-25 FOR FOOTING	0.425	12.16	0.00	0.00	0.00	0.00	0.00	0.00
8	M-25 FOR COLUMN	0.425	7.06	0.00	0.00	0.00	0.00	0.00	0.00
9	M-25 FOR BEAM	0.425	13.39	0.00	0.00	0.00	0.00	0.00	0.00
10	M-25 FOR CHAJJA	0.425	0.17	0.00	0.00	0.00	0.00	0.00	0.00
11	M-25 FOR SLAB	0.425	1.02	0.00	0.00	0.00	0.00	0.00	0.00
12	BBM SUPER STRUCTURE	0.32	18.46	0.00	0.00	0.00	0.00	0.00	0.00
13	EXTERNAL PLASTER	0.033	17.39	0.00	0.00	0.00	0.00	0.00	0.00
14	INTERNAL PLASTER	0.024	8.81	0.00	0.00	0.00	0.00	0.00	0.00
23	FILLING PLINT	0.00	0.00	1.00	64.70	0.00	0.00	0.00	0.00
24	SOLING	0.00	0.00	0.00	0.00	1.00	48.10	0.00	0.00
	<b>TOTAL</b>		<b>92.07</b>		<b>64.70</b>		<b>63.22</b>		<b>0.00</b>
						<b>TOTAL QUANTITY</b>	<b>127.92</b>	<b>Cu.M</b>	



NAME OF WORK : CONSTRUCTION OF 1350 MT WAREHOUSE & TURMERIC PROCESSING UNIT FOR LATE SAMBHAJI PAWAR  
FARMER PRODUCER COMPANY LIMITED AT- PLOT NO B-176, KUSHNOOR, TQ- NAIGAON (KH), DIST- NANDED.

ROYALTY STATEMENT (ROAD)

SR. NO	ITEM EXECUTED	QUANTITY IN ESTIMATE	SAND		MURUM		METAL		CRUSHED STONE	
			FACTOR	QTY	FACTOR	QTY	FACTOR	QTY	FACTOR	QTY
2	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 Providing and laying in situ /Ready Mix cement concrete M-25 of trap / granite /quartzite/ gneiss metal for R.C.C. work in foundations like raft, strip foundations.	0.29	0.47	0.14	0.00	0.00	0.70	0.20	0.00	0.00
4	Providing and laying Cast in situ/Ready Mix cement concrete M-25 of trap / granite /quartzite/ gneiss metal for R.C.C. work in foundations like raft, strip foundations.	21.69	0.425	9.22	0.00	0.00	0.85	18.44	0.00	0.00
5	Providing and laying Cast in situ/Ready Mix cement concrete M-25 of trap / granite /quartzite/ gneiss metal for R.C.C. columns as per detailed designs and drawing or as	0.94	0.425	0.40	0.00	0.00	0.85	0.80	0.00	0.00
6	Providing Hard Murum cohesive non-swelling materials in plinth in layers of 20 cms etc. complete as directed. [ Only compacted thickness is payable ].	462.24	0.00	0.00	1.00	462.24	0.00	0.00	0.00	0.00
8	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	231.12	0.00	0.00	0.00	0.00	1.32	305.08	0.00	0.00
10	Supplying soft murum at the road site, including conveying and stacking complete.	231.12	0.00	0.00	1.00	231.12	0.00	0.00	0.00	0.00
<b>TOTAL</b>				<b>9.75</b>		<b>693.36</b>		<b>324.52</b>		<b>0.00</b>
							<b>TOTAL QUANTITY</b>	<b>1017.88</b>		<b>Cu.M</b>



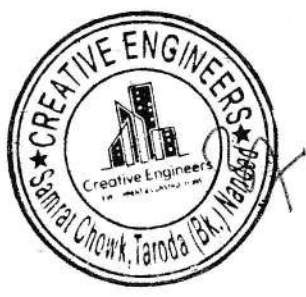
NAME OF WORK : CONSTRUCTION OF 1350 MT WAREHOUSE & TURMERIC PROCESSING UNIT FOR LATE SAMBHAJI PAWAR FARMER PRODUCER COMPANY LIMITED AT- PLOT NO B-176, KUSHNOOR, TQ- NAIGAON (KH), DIST- NANDED.												
MEASUREMENT SHEET												
Item Nos & Description of Items	NO.S				LENGTH	BREDTH			DEPTH /	TOTAL	Unit	
	1	X	2						HEIGHT			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 Long side	2	x	5	x	2.40	x	2.40	x	0.30	=	17.28	
Column Footing Short side	2	x	2	x	2.40	x	2.40	x	0.30	=	6.91	
Column for platform	2	x	2	x	2.40	x	2.40	x	0.30	=	6.91	
<b>For ground Beam</b>												
Long side	2	x	3	x	1.80	x	0.6	x	0.30	=	1.94	
Short Side	2	x	3	x	2.55	x	0.6	x	0.30	=	2.75	
									Total	=	35.79	
									Say	=	35.80	
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 Long side	2	x	5	x	2.4	x	2.4	x	0.60	=	34.56	
Column Footing Short side	2	x	2	x	2.40	x	2.40	x	0.60	=	13.82	
Column for platform	2	x	2	x	2.40	x	2.40	x	0.60	=	13.82	
<b>For ground Beam</b>												
Long side	2	x	3	x	1.80	x	0.60	x	0.45	=	2.92	

	Short Side	2	x	3	x	2.55	x	0.60	x	0.45	=	4.13	
										Total	=	69.25	
										Say	=	69.30	
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 Long side	2	x	5	x	2.40	x	2.40	x	0.50	=	28.8	
	Column Footing Short side	2	x	2	x	2.40	x	2.40	x	0.50	=	11.52	
	Column for platform	2	x	2	x	2.40	x	2.40	x	0.50	=	11.52	
										Total	=	51.84	
										Say	=	51.90	
4	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 (NATURAL sand VSI Grade)											Cum	
	Column Main Wh. footing Long Side	2	x	5	x	2.00	x	2.00	x	0.10	=	4.00	
	Column Main Wh. footing Long Side	2	x	2	x	2.00	x	2.00	x	0.10	=	1.60	
	Column for platform	2	x	4	x	2.00	x	2.00	x	0.10	=	3.20	
	<b>Below Ventilator</b>												
	long side top/bottom	2	x	6	x	1.40	x	0.30	x	0.10	=	0.50	
	short side bottom	2	x	3	x	1.40	x	0.30	x	0.10	=	0.25	
	At wh flooring	1	x	1	x	16.50	x	14.55	x	0.05	=	12.00	
										Total	=	21.55	
										Say	=	21.60	
5	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 , striking joints on unexposed faces, raking out joints on exposed faces and watering etc. Complete.											Cum	

4	Providing and laying in situ /Ready Mix cement concrete M-25 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 etc. complete. With fine aggregate (naturalsand )										CuM	
	For Copound Fancing Poles	1	x	91	x	0.60	x	0.60	x	0.60	=	19.66
	Footing For Gate Column	1	x	2	x	1.50	x	1.50	x	0.45	=	2.03
										Total	=	21.69
										<b>Say</b>	=	<b>21.69</b>
5	Providing and laying Cast in situ/Ready Mix cement concrete M-25 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 etc. complete. With fine aggregate (natural sand)										CuM	
	Column For Main Gate	1	x	2	x	0.40	x	0.40	x	2.95	=	0.94
										Total	=	0.94
										<b>Say</b>	=	<b>0.94</b>
6	Providing <b>Hard Murum</b> cohesive non-swelling materials in plinth in layers of 20 cms etc. complete as directed. [ Only compacted thickness is payable ].										CuM	
	For Road											
	For Road AE	1	x	1	x	2.00	x	9.00	x	0.40	=	7.2
	AB & CD	2	x	1	x	46.20	x	9.00	x	0.40	=	332.64
	BC & AD	2	x	1	x	25.50	x	6.00	x	0.40	=	122.4
										Total	=	462.24
										<b>Say</b>	=	<b>462.24</b>
7	<b>Compacting the Hard Murum</b> , 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.										Sq.M	
	For Road											
	For Road AE	1	x	1	x	2.00	x	9.00	x		=	18.00
	AB & CD	2	x	1	x	46.20	x	9.00	x		=	831.60
	BC & AD	2	x	1	x	25.50	x	6.00	x		=	306.00
										Total	=	1155.60
										<b>Say</b>	=	<b>1155.60</b>

8	Providing & laying <b>stone metal layer</b> 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.											Cu.M
	For Road											
	For Road AE	1	x	1	x	2.00	x	9.00	x	0.20	=	3.60
	AB & CD	2	x	1	x	46.20	x	9.00	x	0.20	=	166.32
	BC & AD	2	x	1	x	25.50	x	6.00	x	0.20	=	61.20
										Total	=	231.12
										<b>Say</b>	=	<b>231.12</b>
9	<b>Compacting oversize &amp; size metal layers</b> combindaly with power roler not less than 8 tonnes including artificial watering & leveling etc. complete as directed.											Sq.M
	For Road											
	For Road AE	1	x	1	x	2.00	x	9.00	x		=	18.00
	AB & CD	2	x	1	x	46.20	x	9.00	x		=	831.60
	BC & AD	2	x	1	x	25.50	x	6.00	x		=	306.00
										Total	=	1155.60
										<b>Say</b>	=	<b>1155.60</b>
10	Supplying soft murum at the road site, including conveying and stacking complete.											
	<b>For Road</b>											
	For Road AE	1	x	1	x	2.00	x	9.00	x	0.20	=	3.60
	AB & CD	2	x	1	x	46.20	x	9.00	x	0.20	=	166.32
	BC & AD	2	x	1	x	25.50	x	6.00	x	0.20	=	61.20
										Total	=	231.12
										<b>Say</b>	=	<b>231.12</b>
11	Spreading hard murum/ soft murrum/ gravel or kankar for side width complete											Sq.M
	For Road											
	For Road AE	1	x	1	x	2.00	x	9.00	x		=	18.00
	AB & CD	2	x	1	x	46.20	x	9.00	x		=	831.6
	BC & AD	2	x	1	x	25.50	x	6.00	x		=	306.00
										Total	=	1155.60
										<b>Say</b>	=	<b>1155.60</b>

12	Providing and erecting Y type barbed wire fencing with seven rows of wire with 2.45 mm dia G.I.pipe (Rezan/concenti Deletedire 0.75mm dia) with hot dip and G.I. coated hooks as per drawing supported on M.S. angle 50x50x6mm at 2.5mtr.c/c including fixing and fastening with wire, painting M.S. angles with one coat of red lead primer and two coat of oil paint etc. complete.										R.mt	
	Total length											137.4
											Say =	137.40
13	Providing and fixing mild steel grill gate as per the detailed drawing including hinges, locking arrangements and painting in three coats of oil paint of approved colour and shade etc.complete.(weight18Kilogram. to 20 Kilogram. Per Sq.m.)Spec.Number: As directed by Engineer- in-charge.										Sq.M	
	Entry Gate	1	x	1	x	6	x	2	x		=	12
										Total	=	12
										Say	=	12.00



NAME OF WORK : CONSTRUCTION OF 1350 MT WAREHOUSE & TURMERIC PROCESSING UNIT FOR LATE SAMBHAJI PAWAR FARMER PRODUCER COMPANY LIMITED AT- PLOT NO B-176, KUSHNOOR , TQ- NAIGAON (KH), DIST- NANDED.									
RATE ANALYSIS									
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								Cu m
		SSR -2021-22 I.NO-21.02 P.NO-115				=			193.00
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								Cu m
		SSR -2021-22 I.NO-21.04 P.NO-115				=			241.00
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								cu m
		SSR -2021-22 I.NO-21.06 P.NO-115				=			212.00
4	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								Cu m
		SSR -2021-22 I.NO-24.01 P.NO-131				=			5538.00
		Deduction for SCADDA				=			-120.00
		add lead for metal	0.7	x	404.79	=			283.35
			0.24	x	422.39	=			101.37
		add lead for sand	0.47	x	533.75	=			250.86
		add lead for cement	0.22	x	561.44	=			123.52
					<b>Total</b>	=			<b>6177.11</b>
5	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 , striking joints on unexposed faces, raking out joints on exposed faces and watering etc. Complete.								Cu m
		SSR -2021-22 I.NO-27.01 P.NO-144							7343.00
		add lead for sand	0.32	x	533.75	=			170.80
		add lead for cement	0.079	x	561.44	=			44.35
		add lead for BRICK	0.475	x	597.43	=			283.78
					<b>Total</b>	=			<b>7841.93</b>

6	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..	M T
	SSR -2021-22 I.NO-26.33 P.NO-139	<b>71778.00</b>
	ADD LEAD FOR STEEL	1 x 393.01 = 393.01
	<b>Total</b>	<b>= 72171.01</b>
7	Providing and laying in situ /Ready Mix cement concrete M-25 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 SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)	cu m
	SSR -2021-22 I.NO-25.13 P.NO-133	<b>6836.00</b>
	Deduction for SCADDA	= -120.00
	ADDLEAD FOR METAL	0.85 x 422.39 = 359.03
	ADD LEAD FOR SAND	0.425 x 533.75 = 226.84
	ADD LEAD FOR CEMENT	0.375 x 561.44 = 210.54
	<b>Total</b>	<b>= 7512.42</b>
8	Providing and laying Cast in situ/Ready Mix cement concrete M-25 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)	cu m
	SSR -2021-22 I.NO-25.33 P.NO-134	<b>13157.00</b>
	Deduction for SCADDA	= -120.00
	ADDLEAD FOR METAL	0.85 x 422.39 = 359.03
	ADD LEAD FOR SAND	0.425 x 533.75 = 226.84
	ADD LEAD FOR CEMENT	0.375 x 561.44 = 210.54
	<b>Total</b>	<b>= 13833.42</b>
9	Providing and laying Cast in situ/Ready Mix cement concrete M-25 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)	cu m
	SSR -2021-22 I.NO-25.52 P.NO-135	<b>11652.00</b>
	Deduction for SCADDA	= -120.00
	ADDLEAD FOR METAL	0.85 x 422.39 = 359.03

			ADD LEAD FOR SAND		0.425	x	533.75	=	226.84	
			ADD LEAD FOR CEMENT		0.375	x	561.44	=	210.54	
							<b>Total</b>	=	<b>12328.42</b>	
10			Providing and laying Cast in situ/Ready Mix cement concrete M-25 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 (Natural sand VSI Grade)							cu m
			SSR -2021-22 I.NO-26.07 P.NO-137						<b>13282.00</b>	
			Deduction for SCADDA					=	-120.00	
			ADDLEAD FOR METAL		0.85	x	422.39	=	359.03	
			ADD LEAD FOR SAND		0.425	x	533.75	=	226.84	
			ADD LEAD FOR CEMENT		0.375	x	561.44	=	210.54	
							<b>Total</b>	=	<b>13958.42</b>	
11			Providing and laying Cast in situ/Ready Mix cement concrete M-25 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 (Natural sand VSI Grade)							CUM
			SSR -2021-22 I.NO-25.72P.NO-136						<b>14114.00</b>	
			Deduction for SCADDA					=	-120.00	
			ADDLEAD FOR METAL		0.85	x	422.39	=	359.03	
			ADD LEAD FOR SAND		0.425	x	533.75	=	226.84	
			ADD LEAD FOR CEMENT		0.375	x	561.44	=	210.54	
							<b>Total</b>	=	<b>14790.42</b>	
12			Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in <b>superstructure</b> including striking joints, raking out joints, watering and scaffolding etc. Complet							Cu .M
			SSR -2021-22 I.NO-27.05P.NO-144						<b>7570.00</b>	
			add lead for sand		0.32	x	533.75	=	170.80	
			add lead for cement		0.079	x	561.44	=	44.35	
			add lead for BRICK		0.475	x	597.43	=	283.78	
							<b>Total</b>	=	<b>7785.15</b>	
13			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.							Sq .M
			SSR -2021-22 I.NO-32.08P.NO-153						<b>599.00</b>	
			add lead for sand		0.021	x	533.75	=	11.21	
			add lead for cement		0.25	x	561.44	=	140.36	

322

								<b>Total</b>	<b>=</b>	<b>750.57</b>	
14	Providing internal cement plaster 20mm. thick in Single coats in cement mortar 1:3 without neeru finish, to concrete, brick surface, in all positions including scaffolding and curing etc. complete.										Sq .M
										<b>376.00</b>	
					0.024	x	533.75	=		12.81	
					0.228	x	561.44	=		128.01	
							<b>TOTAL</b>	<b>=</b>		<b>516.82</b>	
15	Providing and applying two coats of exterior acrylic emulsion paint conforming 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.										Sq .M
										<b>240.00</b>	
							<b>TOTAL</b>	<b>=</b>		<b>240.00</b>	
16	Providing and applying plastic emulsion paint of approved quality, colour and shade to old and new surfaces in two coats including scaffolding, preparing the surface. (excluding the primer coat) etc. complete.										Sq .M
										<b>70.00</b>	
							<b>TOTAL</b>	<b>=</b>		<b>70.00</b>	
17	Providing and applying white-wash in two coats on old/new plastered or masonry surface sand as best os cement sheets including scaffolding and preparing the surface by brushing and brooming down etc. complete.										Sq .M
										<b>11.00</b>	
							<b>TOTAL</b>	<b>=</b>		<b>11.00</b>	
18	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).										Sq .M
										<b>4310.00</b>	
							<b>TOTAL</b>	<b>=</b>		<b>4310.00</b>	
19	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
										<b>105909.00</b>	
					1	x	393.01	=		393.01	
							<b>TOTAL</b>	<b>=</b>		<b>106302.01</b>	

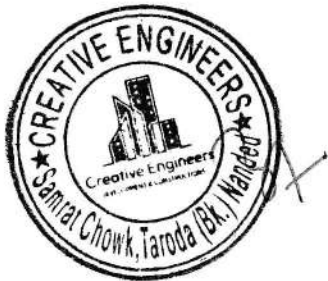
20	Providing and fixing corrugated galvanised iron sheets of 0.63 mm thick (24B.W.G.) for roofing with out wind tiles including fastening with galvanised irons crews and bolts, lead and bitumen washers as per drawing etc. complete. (Weight of 5.5 Kilogram/sq.m.).	Sq .M
	SSR -2021-22 I.NO-38.04P.NO-171	816.00
	<b>TOTAL</b> =	<b>816.00</b>
21	Providing and fixing of colour Zinalume (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 noiminal 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 minimum 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 )	Ru m
	SSR -2021-22 I.NO-38.34P.NO-173	1095.00
	<b>TOTAL</b> =	<b>1095.00</b>
22	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 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)	No s
	SSR2021-22	8095.00
	<b>TOTAL</b> =	<b>8095.00</b>
23	<b>Filling in plinth</b> with approved <b>excavated stuff</b> obtained from departmental land including watering, compacting etc. complete as directed.(Bd. A.10/262)	Cu .M
	SSR2021-22 I NO-21.36 P.NO-117	113
	<b>TOTAL</b> =	<b>113.00</b>
24	Filling in plinth and floors with contractors material/brought from out side and approved by Engineer in charge in layers of 15 cm to 20 cm including watering and compaction etc.complete. SSR I No 21.37	Cu .M
	SSR2021-22 I NO-21.37 P.NO-117	550
	Add Lead	0
	<b>TOTAL</b> =	<b>550.00</b>
25	Providing dry/ trap/ granite/ quartzite/ gneiss rubble stone soling 15 cm to 20 cm thickincluding hand packing and compacting etc. complete.	Cu .M
	SSR2021-22 I NO-21.38P.NO-118	1294.00
	Add Lead	404.79
	<b>TOTAL</b> =	<b>1698.79</b>

324

26	Providing and laying in situ cement concrete M20 with tremix treatment for 200mm thickness for flooring with groove cutting of 4mm wide and 20mm deep with necessary refilling with bitumen etc. complete.	Sq M
	SSR 2021-22 I. NO -33.30P.NO-158	746
	for exta 100mm Rate	746
	<b>TOTAL =</b>	<b>1492.00</b>
27	Providing & fixing ISMC 150 with weight @ 16.80 Kgs/Rmt 20 mm dia & 0.50 m long bolts & nuts @ 1.00 mc/c, M.S. angles for stands of fire bucket including chain fixing in wall applying three coats of oilpaint etc. compl	M T
	SSR 2021-22	75938.00
	Add Lead	393.01
	<b>TOTAL =</b>	<b>76331.01</b>
28	Providing and fixing in position.(asperI.S.1868/1982) Aluminium sliding window of two tracks with rectangular pipe having over all dimension?63.50x38.10x1.02 mm at weight 0.547Kilogram/Running metre. and window frame bottom track section 61.85x31.75x1.20mm at weight 0.695 Kilogram/Running metre.To pand side track section 61.85x31.75x1.30mm at weight 0.659 Kilogram/Running metre.The shutter should be of bearing bottom 40x18x1.25 mm at weight 0.417 Kilogram /Running metre.Interlocking section 40x18x1.10 mm at weight 0.469 Kilogram /Running metre. And handle section 40x18x1.25 mm at weight0.417 Kilogram/Running metre. and to p section 40 x 18 x 1.25 mm at weight 0.417Kilogram/Running metre .As per detailed drawings and as directed by Engineerin charge with all necessary Aluminium sections fixtures and fastenings such as roller bearing innyloncasting and self locking catch fitted in vertical section of shutter including 5mm thick plain glass with all required screws and nuts etc, complete. With powder coating without box	Sq m
	SSR 2021-22 I NO-39.40P.NO-148	4769.00
	<b>TOTAL =</b>	<b>4769.00</b>
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	Sq .M
	SSR -2021-22	3033.00
	<b>TOTAL =</b>	<b>3033.00</b>
30	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	Sq .M
	SSR 2021-22 I.NO-21.24 BDW	94.00
	<b>TOTAL =</b>	<b>94.00</b>
31	P/F Lightening conductor	M
	considar	13.00 m.
	Item No 44.18/214	22189.00
	Add copper strip (44.19/214)	13 652 8476.00
		RS 30665.00
	<b>Therefore rate per R M will be</b>	<b>2358.85</b>
	<b>Say</b>	<b>2358.85</b>

325

32	Providing & applying oil painting in two coats of approved colour & shade to flooring for marking stacklines including preparing the surfaces & primer coat etc. complete. (Bd.0 7/406)								Sq. M
	Item No 35.12 page No-164 for Oil Pint							96.00	
	Item No 35.21 page No-165 for primer							34.00	
						TOTAL	=	130.00	
33	Providing & fixing in position M.S ladder of 45cms width made out 50 mmx50mmx6mm two angle for rails and M.S angle stiffeners at three places as directed with M.S bars of 20 mm dia for steps @every 30cm c/c including fixing.								R. M
	consider length = 4.00m								
	1-M.S angle 50mmx50mmx6mm								
	$[2 \times 4 + 2 \times 0.60 + 2 \times 0.73 + 2 \times 0.85 = 12.36 \text{ Rm}]$								
	Weight $12.36 \times 4.50 = 55.62 \text{ Kg}$								
	2- M.S bar 20mm dia @ 30cm c/c								
	$15 \times 0.45 \times 2.50 = 16.88 \text{ Kg}$								
						Total Wt.		Market rate	Amount
	Total Amount for 4 m	=	72.50	x	145	=	10512.5		
	Amount Per Meter							=	2628.13
						Say	=	2628.15	



326

NAME OF WORK : CONSTRUCTION OF 1350 MT WAREHOUSE & TURMERIC PROCESSING UNIT FOR LATE SAMBHAJI PAWAR FARMER PRODUCER COMPANY LIMITED AT- PLOT NO B-176, KUSHNOOR , TQ- NAIGAON (KH), DIST- NANDED.									
RATE ANALYSIS (HALAD PRAKRIYA KENDRA)									
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								Cu m
		SSR -2021-22 I.NO-21.02 P.NO-115				=			193.00
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								Cu m
		SSR -2021-22 I.NO-21.04 P.NO-115				=			241.00
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								cu m
		SSR -2021-22 I.NO-21.06 P.NO-115				=			212.00
4	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								Cu m
		SSR -2021-22 I.NO-24.01 P.NO-131				=			5538.00
		Deduction for SCADDA				=			-120.00
		add lead for metal	0.7	x	404.79	=			283.35
			0.24	x	422.39	=			101.37
		add lead for sand	0.47	x	533.75	=			250.86
		add lead for cement	0.22	x	561.44	=			123.52
					<b>Total</b>	=			<b>6177.11</b>
5	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 , striking joints on unexposed faces, raking out joints on exposed faces and watering etc. Complete.								Cu m
		SSR -2021-22 I.NO-27.01 P.NO-144				=			7343.00
		add lead for sand	0.32	x	533.75	=			170.80
		add lead for cement	0.079	x	561.44	=			44.35
		add lead for BRICK	0.475	x	597.43	=			283.78
					<b>Total</b>	=			<b>7841.93</b>

6	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..	M	T
	SSR -2021-22 I.NO-26.33 P.NO-139		71778.00
	ADD LEAD FOR STEEL	1 x 393.01 =	393.01
	<b>Total</b>	<b>=</b>	<b>72171.01</b>
7	Providing and laying in situ /Ready Mix cement concrete M-25 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 SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)	cu	m
	SSR -2021-22 I.NO-25.13 P.NO-133		6836.00
	Deduction for SCADDA	=	-120.00
	ADDLEAD FOR METAL	0.85 x 422.39 =	359.03
	ADD LEAD FOR SAND	0.425 x 533.75 =	226.84
	ADD LEAD FOR CEMENT	0.375 x 561.44 =	210.54
	<b>Total</b>	<b>=</b>	<b>7512.42</b>
8	Providing and laying Cast in situ/Ready Mix cement concrete M-25 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)	cu	m
	SSR -2021-22 I.NO-25.33 P.NO-134		13157.00
	Deduction for SCADDA	=	-120.00
	ADDLEAD FOR METAL	0.85 x 422.39 =	359.03
	ADD LEAD FOR SAND	0.425 x 533.75 =	226.84
	ADD LEAD FOR CEMENT	0.375 x 561.44 =	210.54
	<b>Total</b>	<b>=</b>	<b>13833.42</b>
9	Providing and laying Cast in situ/Ready Mix cement concrete M-25 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 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)	cu	m
	SSR -2021-22 I.NO-25.52 P.NO-135		11652.00
	Deduction for SCADDA	=	-120.00
	ADDLEAD FOR METAL	0.85 x 422.39 =	359.03

328

			ADD LEAD FOR SAND	0.425	x	533.75	=	226.84	
			ADD LEAD FOR CEMENT	0.375	x	561.44	=	210.54	
						<b>Total</b>	<b>=</b>	<b>12328.42</b>	
10			Providing and laying Cast in situ/Ready Mix cement concrete M-25 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 (Natural sand VSI Grade)						cu m
			SSR -2021-22 I.NO-26.07 P.NO-137					<b>13282.00</b>	
			Deduction for SCADDA				=	-120.00	
			ADDLEAD FOR METAL	0.85	x	422.39	=	359.03	
			ADD LEAD FOR SAND	0.425	x	533.75	=	226.84	
			ADD LEAD FOR CEMENT	0.375	x	561.44	=	210.54	
						<b>Total</b>	<b>=</b>	<b>13958.42</b>	
11			Providing and laying Cast in situ/Ready Mix cement concrete M-25 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 (Natural sand VSI Grade)						CU M
			SSR -2021-22 I.NO-25.72P.NO-136					<b>14114.00</b>	
			Deduction for SCADDA				=	-120.00	
			ADDLEAD FOR METAL	0.85	x	422.39	=	359.03	
			ADD LEAD FOR SAND	0.425	x	533.75	=	226.84	
			ADD LEAD FOR CEMENT	0.375	x	561.44	=	210.54	
						<b>Total</b>	<b>=</b>	<b>14790.42</b>	
12			Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in <b>superstructure</b> including striking joints, raking out joints, watering and scaffolding etc. Complet						CU .M
			SSR -2021-22 I.NO-27.05P.NO-144					<b>7570.00</b>	
			add lead for sand	0.32	x	533.75	=	170.80	
			add lead for cement	0.079	x	561.44	=	44.35	
			add lead for BRICK	0.475	x	597.43	=	283.78	
						<b>Total</b>	<b>=</b>	<b>7785.15</b>	
13			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.						Sq .M
			SSR -2021-22 I.NO-32.08P.NO-153					<b>599.00</b>	
			add lead for sand	0.021	x	533.75	=	11.21	
			add lead for cement	0.25	x	561.44	=	140.36	

32A

								<b>Total</b>	<b>=</b>	<b>750.57</b>
14	Providing internal cement plaster 20mm. thick in Single coats in cement mortar 1:3 without neeru finish, to concrete, brick surface, in all positions including scaffolding and curing etc. complete.									Sq .M
										<b>376.00</b>
					0.024	x	533.75	=		12.81
					0.228	x	561.44	=		128.01
							<b>TOTAL</b>	<b>=</b>		<b>516.82</b>
15	Providing and applying two coats of exterior acrylic emulsion paint conforming 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.									Sq .M
										<b>240.00</b>
							<b>TOTAL</b>	<b>=</b>		<b>240.00</b>
16	Providing and applying plastic emulsion paint of approved quality, colour and shade to old and new surfaces in two coats including scaffolding, preparing the surface. (excluding the primer coat) etc. complete.									Sq .M
										<b>70.00</b>
							<b>TOTAL</b>	<b>=</b>		<b>70.00</b>
17	Providing and applying white-wash in two coats on old/new plastered or masonry surface sand as best as cement sheets including scaffolding and preparing the surface by brushing and brooming down etc. complete.									Sq .M
										<b>11.00</b>
							<b>TOTAL</b>	<b>=</b>		<b>11.00</b>
18	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).									Sq .M
										<b>4310.00</b>
							<b>TOTAL</b>	<b>=</b>		<b>4310.00</b>
19	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
										<b>105909.00</b>
					1	x	393.01	=		393.01
							<b>TOTAL</b>	<b>=</b>		<b>106302.01</b>

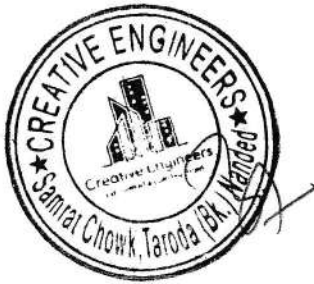
20	Providing and fixing corrugated galvanised iron sheets of 0.63 mm thick (24B.W.G.) for roofing with out wind tiles including fastening with galvanised irons crews and bolts, lead and bitumen washers as per drawing etc. complete. (Weight of 5.5 Kilogram/sq.m.).	Sq .M
	SSR -2021-22 I.NO-38.04P.NO-171	816.00
	<b>TOTAL =</b>	<b>816.00</b>
21	Providing and fixing of colour Zinalume (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% aluminiumm 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 noiminal 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 )	Ru m
	SSR -2021-22 I.NO-38.34P.NO-173	1095.00
	<b>TOTAL =</b>	<b>1095.00</b>
22	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 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)	No s
	SSR2021-22	8095.00
	<b>TOTAL =</b>	<b>8095.00</b>
23	Filling in plinth with approved excavated stuff obtained from departmental land including watering, compacting etc. complete as directed.(Bd. A.10/262)	Cu .M
	SSR2021-22 I NO-21.36 P.NO-117	113
	<b>TOTAL =</b>	<b>113.00</b>
24	Filling in plinth and floors with contractors material/brought from out side and approved by Engineer in charge in layers of 15 cm to 20 cm including watering and compaction etc.complete. SSR I No 21.37	Cu .M
	SSR2021-22 I NO-21.37 P.NO-117	550
	Add Lead	0
	<b>TOTAL =</b>	<b>550.00</b>
25	Providing dry/ trap/ granite/ quartzite/ gneiss rubble stone soling 15 cm to 20 cm thickincluding hand packing and compacting etc. complete.	Cu .M
	SSR2021-22 I NO-21.38P.NO-118	1294.00
	Add Lead	404.79
	<b>TOTAL =</b>	<b>1698.79</b>

26	Providing and laying in situ cement concrete M20 with tremix treatment for 100mm thickness for flooring with groove cutting of 4mm wide and 20mm deep with necessary refilling with bitumen etc. complete.	Sq M
	SSR 2021-22 I. NO -33.30P.NO-158	746
	for extra 100mm Rate	0
	<b>TOTAL</b> =	<b>746.00</b>
27	Providing & fixing ISMC 150 with weight @ 16.80 Kgs/Rmt 20 mm dia & 0.50 m long bolts & nuts @ 1.00 mc/c, M.S. angles for stands of fire bucket including chain fixing in wall applying three coats of oilpaint etc. compl	M T
	SSR 2021-22	75938.00
	Add Lead	393.01
	<b>TOTAL</b> =	<b>76331.01</b>
28	Providing and fixing in position.(asper I.S.1868/1982) Aluminium sliding window of two tracks with rectangular pipe having over all dimension 63.50x38.10x1.02 mm at weight 0.547Kilogram/Running metre. and window frame bottom track section 61.85x31.75x1.20mm at weight 0.695 Kilogram/Running metre.To pand side track section 61.85x31.75x1.30mm at weight 0.659 Kilogram/Running metre.The shutter should be of bearing bottom 40x18x1.25 mm at weight 0.417 Kilogram /Running metre.Interlocking section 40x18x1.10 mm at weight 0.469 Kilogram /Running metre. And handle section 40x18x1.25 mm at weight 0.417 Kilogram/Running metre. and to p section 40 x 18 x 1.25 mm at weight 0.417Kilogram/Running metre .As per detailed drawings and as directed by Engineer in charge with all necessary Aluminium sections fixtures and fastenings such as roller bearing in nylon casting and self locking catch fitted in vertical section of shutter including 5mm thick plain glass with all required screws and nuts etc, complete. With powder coating without box	Sq m
	SSR 2021-22 I NO-39.40P.NO-148	4769.00
	<b>TOTAL</b> =	<b>4769.00</b>
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	Sq .M
	SSR -2021-22	3033.00
	<b>TOTAL</b> =	<b>3033.00</b>
30	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	Sq .M
	SSR 2021-22 I.NO-21.24 BDW	94.00
	<b>TOTAL</b> =	<b>94.00</b>
31	P/F Lightening conductor	M
	considar	13.00 m.
	Item No 44.18/214	22189.00
	Add copper strip (44.19/214)	13 652 8476.00
		RS 30665.00
	Therefore rate per R M will be	2358.85
	Say	2358.85



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NAME OF WORK : CONSTRUCTION OF 1350 MT WAREHOUSE & TURMERIC PROCESSING UNIT FOR LATE SAMBHAJI PAWAR FARMER PRODUCER COMPANY LIMITED AT- PLOT NO B-176, KUSHNOOR , TQ- NAIGAON (KH), DIST- NANDED.										
RATE ANALYSIS (ROAD)										
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	
	SSR -2021-22 I.NO-21.02 P.NO-115								=	193.00
2	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 fine aggregate (Natural SAND)								CuM	
	SSR -2021-22 I.NO-24.01 P.NO-131								=	5538.00
	Deduction for SCADDA								=	-120.00
	add lead for metal								0.7	x 404.79 = 283.35
									0.24	x 422.39 = 101.37
	add lead for sand								0.47	x 533.75 = 250.86
	add lead for cement								0.22	x 561.44 = 123.52
									<b>Total</b>	<b>= 6177.11</b>
3	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	
	SSR -2021-22 I.NO-26.33 P.NO-139									71778.00
	ADD LEAD FOR STEEL								1	x 393.01 = 393.01
									<b>Total</b>	<b>= 72171.01</b>



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4	Providing and laying in situ /Ready Mix cement concrete M-25 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 etc. complete. With fine aggregate (naturalsand )							CuM
			SSR -2021-22 I.NO-25.13 P.NO-133				6836.00	
			Deduction for SCADDA			=	-120.00	
			ADDLEAD FOR METAL	0.85	x	422.39	=	359.03
			ADD LEAD FOR SAND	0.425	x	533.75	=	226.84
			ADD LEAD FOR CEMENT	0.375	x	561.44	=	210.54
						<b>Total</b>	=	<b>7512.42</b>
5	Providing and laying Cast in situ/Ready Mix cement concrete M-25 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 etc. complete. With fine aggregate (natural sand)							CuM
			SSR -2021-22 I.NO-25.33 P.NO-134				13157.00	
			Deduction for SCADDA			=	-120.00	
			ADDLEAD FOR METAL	0.85	x	422.39	=	359.03
			ADD LEAD FOR SAND	0.425	x	533.75	=	226.84
			ADD LEAD FOR CEMENT	0.375	x	561.44	=	210.54
						<b>Total</b>	=	<b>13833.42</b>
6	Providing <b>Hard Murum</b> cohesive non-swelling materials in plinth in layers of 20 cms etc. complete as directed. [ Only compacted thickness is payable ].							CuM
			SSR -2021-22 I.NO-2.29A P.NO-24			=	398.00	
			For compaction 20 % OF H.M.cost			=	79.60	
			ADD LEAD FOR MURRUM	1	x	0	=	0.00
						<b>Total</b>	=	<b>477.60</b>
7	<b>Compacting the Hard Murum</b> , 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.							Sq.M
			SSR -2021-22 I.NO-2.31 P.NO-24				19.00	
						<b>Total</b>	=	<b>19.00</b>

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8	Providing & laying <b>stone metal layer</b> 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.									Cu.M
				SSR -2021-22 I.NO-50.56 P.NO-250			=		700.00	
				For compaction 32 % OF H.M.cost			=		224.00	
				ADD LEAD FOR SOLING	1	x		404.79	=	404.79
								<b>Total</b>	=	<b>1328.79</b>
9	<b>Compacting oversize &amp; size metal layers</b> combindaly with power roler not less than 8 tonnes including artificial watering & leveling etc. complete as directed.									Sq.M
				SSR -2021-22 I.NO-2.31 P.NO-24					19.00	
								<b>Total</b>	=	<b>19.00</b>
10	Supplying soft murum at the road site, including conveying and stacking complete.									Sq.M
				SSR -2021-22 I.NO-2.29B P.NO-24			=		395.00	
				For compaction 20 % OF H.M.cost			=		79.00	
				ADD LEAD FOR MURRUM	1	x		0	=	0.00
								<b>Total</b>	=	<b>474.00</b>
11	Spreading hard murum/ soft murrum/ gravel or kankar for side width complete									Sq.M
				SSR -2021-22 I.NO-2.30 P.NO-24					74.00	
								<b>Total</b>	=	<b>74.00</b>
12	Providing and erecting Y type barbed wire fencing with seven rows of wire with 2.45 mm dia G.I.pipe (Rezan/concenti Deletedire 0.75mm dia) with hot dip and G.I. coated hooks as per drawing supported on M.S. angle 50x50x6mm at 2.5mtr.c/c including fixing and fastening with wire, painting M.S. angles with one coat of red lead primer and two coat of oil paint etc. complete.									R.mt
				SSR -2021-22 I.NO-40.05 P.NO-192					824.00	
								<b>Total</b>	=	<b>824.00</b>
13	Providing and fixing mild steel grill gate as per the detailed drawing including hinges, locking arrangements and painting in three coats of oil paint of approved colour and shade etc.complete.(weight18Kilogram. to 20 Kilogram. Per Sq.m.)Spec.Number: As directed by Engineer- in-charge.									Sq.M
				SSR -2021-22 I.NO-23.09 P.NO-129					1917.00	
								<b>Total</b>	=	<b>1917.00</b>

RATE ANALYSIS.		
NAME OF WORK : CONSTRUCTION OF 1350 MT WAREHOUSE & TURMERIC PROCESSING UNIT FOR LATE SAMBHAJI PAWAR FARMER PRODUCER COMPANY LIMITED AT- PLOT NO B-176, KUSHNOOR , TQ- NAIGAON (KH), DIST- NANDED.		
4	Supplying & erecting mains PVC unarmoured cable 1100Volt grade ISI mark 3 core / 2.5 sqmm stranded / solid copper complete erected on wall with duly painted G. I. Saddle @ 0.25 m C/C & rigidly grouted in the wall with the help of plated screws.	Rs.
	M.R. A) PVC unarmoured cable 3 core 2.5 sq.mm .....	84.00
	M.R. B) G.I. saddle, screw and rawl plug etc.....	12.00
	Add 10% C.P.....	9.6
	D.S..R. C) Labour charges...as per item no 7-2-16.	20.00
	<b>Total Rs.</b>	<b>125.60</b>
5	Supplying & erecting weatherproof powder coated distribution board 4 way with 2 x 6/10 Amp S. P. M. C. B. with industrial two pin plug socket 10 A and 3 pin plug top 10 A with top cover necessary connection etc complete with approved make.	
	I.N. 5-3-3/94 A) SPMCB 6 Amp.- 1 No. @ Rs 164	164.00
	I.N. 5-4-22/97 B) 1.25 mm CRCA sheet metal enclosure with 10 Amp. 2 pin plug....	765.00
	I.N.5-4-23/97 C) CRCA sheet metal one way enclosure..... 1 No.	361.00
	<b>Total Rs.</b>	<b>1290.00</b>
6	Providing point wiring for street light with PVC unarmoured cable 1100Volt grade ISI mark 3 core 1.5 sqmm stranded / solid copper erected on wall with G. I. Saddle duly painted @ 0,25 m C/C rigidly grouted in the wall with the help of plated screw including 4" x 4" M. S. box 2 way with epoxy painting & inside 10 amp Nylon connector strip for street light connection and flexible cable of 2 mtrs. for street light connection etc. complete as directed by Engineer in charge.	
	M.R. A) PVC unarmoured cable 3 core 1.5 sq.mm .....(13x52)	676.00

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M.R. B) M.S. Box epoxy coated ( 2 way) 4"x4" .....		70.00
M.R. C) Nylon connector strip 10 Amp.....		10.00
M.R. D) G.I. saddle, screw and rawl plug etc.....		25.00
M.R. E) Flexible cable for street light connection 3 core 1.5 sq.mm (2x45).....		95.00
		876.00
	Add 10% C.P.	87.60
M..R. F) Labour charges ( 20 x13 ) .....		260.00
	<b>Total Rs.</b>	<b>1223.60</b>
26 Supplying & erecting main with 2 x 4.00 Sq.mm stranded copper PVC insulated wire with 2 x 1.5 Sq.mm copper PVC wire in PVC casing - capping on wall / ceiling.		
I.N. 1-3-5/5 A) 2x4.00 sq.mm copper wire .....	@ Rs.78.00/-	78.00
I.N. 1-3-1/6 B) 1x1.5 sq.mm. copper wire .....	@ Rs.38.00/-	38.00
I.N. 1-2-10/4 C) PVC Casing capping 25 mm .....	@ Rs.38.00/-	38.00
	<b>Total :</b>	<b>154.00</b>



RATE ANALYSIS. ( HALAD PRAKRIYA KENDRA)		
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4	Supplying & erecting mains PVC unarmoured cable 1100Volt grade ISI mark 3 core / 2.5 sqmm stranded / solid copper complete erected on wall with duly painted G. I. Saddle @ 0.25 m C/C & rigidly grouted in the wall with the help of plated screws.	Rs.
	M.R. A) PVC unarmoured cable 3 core 2.5 sq.mm .....	84.00
	M.R. B) G.I. saddle, screw and rawl plug etc.....	12.00
	Add 10% C.P.....	9.6
	D.S..R. C) Labour charges... as per item no 7-2-16.	20.00
	<b>Total Rs.</b>	<b>125.60</b>
5	Supplying & erecting weatherproof powder coated distribution board 4 way with 2 x 6/10 Amp S. P. M. C. B. with industrial two pin plug socket 10 A and 3 pin plug top 10 A with top cover necessary connection etc complete with approved make.	
	I.N. 5-3-3/94 A) SPMCB 6 Amp.- 1 No. @ Rs 164	164.00
	I.N. 5-4-22/97 B) 1.25 mm CRCA sheet metal enclosure with 10 Amp. 2 pin plug....	765.00
	I.N.5-4-23/97 C) CRCA sheet metal one way enclosure..... 1 No.	361.00
	<b>Total Rs.</b>	<b>1290.00</b>
6	Providing point wiring for street light with PVC unarmoured cable 1100Volt grade ISI mark 3 core 1.5 sqmm stranded / solid copper erected on wall with G. I. Saddle duly painted @ 0,25 m C/C rigidly grouted in the wall with the help of plated screw including 4" x 4" M. S. box 2 way with epoxy painting & inside 10 amp Nylon connector strip for street light connection and flexible cable of 2 mtrs. for street light connection etc. complete as directed by Engineer in charge.	
	M.R. A) PVC unarmoured cable 3 core 1.5 sq.mm .....(13x52)	676.00

M.R. B) M.S. Box epoxy coated ( 2 way) 4"x4" .....		70.00
M.R. C) Nylon connector strip 10 Amp.....		10.00
M.R. D) G.I. saddle, screw and rawl plug etc.....		25.00
M.R. E) Flexible cable for street light connection 3 core 1.5 sq.mm (2x45).....		95.00
		876.00
	Add 10% C.P.	87.60
M..R. F) Labour charges ( 20 x13 ) .....		260.00
	<b>Total Rs.</b>	<b>1223.60</b>
26 Supplying & erecting main with 2 x 4.00 Sq.mm stranded copper PVC insulated wire with 2 x 1.5 Sq.mm copper PVC wire in PVC casing - capping on wall / ceiling.		
I.N. 1-3-5/5 A) 2x4.00 sq.mm copper wire .....	@ Rs.78.00/-	78.00
I.N. 1-3-1/6 B) 1x1.5 sq.mm. copper wire .....	@ Rs.38.00/-	38.00
I.N. 1-2-10/4 C) PVC Casing capping 25 mm .....	@ Rs.38.00/-	38.00
	<b>Total :</b>	<b>154.00</b>



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**LEAD CHART**

SR	MATERIAL	LOCATION OF QUARRY	LEAD IN KM	LEAD CHARGGGGGES
1	METAL 40MM & ABOVE	AT MARTALA QUARRY	20	404.79
2	METAL 40MM & BELOW	AT MARTALA QUARRY	20	422.39
3	MURRUM	AT LOCAL	0	0
4	SAND	GODAWARI RIVER WAJEGAON	30	533.75
5	BRICK	AT WAJEGAON	30	597.43
6	STEEL	AT DHANEGAON NANDED	30	393.01
6	CEMENT	AT DHANEGAON NANDED	30	561.44

**CERTIFICATE**

- 1 Certified that requisitquantity of material is available on quarry site
- 2 As per best of my knowledge and experience shown above are the nearest distances



