

ESTIMATE

*"Munjel Brothers Farmers Producer Company Limited at Village
Bori In Gut No. 16 Tq. Ambad Dist. Jalna "*

President: Vilas Prabhakar Munjal

ESTIMATE FOR THE YEAR 2022-2023

**Under मा. बाळासाहेब ठाकरे कृषि व्यवसाय व ग्रामीण परिवर्तन
(स्मार्ट) प्रकल्प
जागतिक बँक सहयित उपक्रम**

**Name of work :- Construction of Shed for Agro Products For "Munjel Brothers
Farmers Producer Company Limited at Village Bori In Gut No. 16 Tq. Ambad
Dist. Jalna" Under मा. बाळासाहेब ठाकरे कृषि व्यवसाय व ग्रामीण परिवर्तन (स्मार्ट)
प्रकल्प
जागतिक बँक सहयित उपक्रम**

Estimated Cost Rs. 9999900.00

Certificate

**Name of work :- Construction of Shed for Agro Products For "Munjal Brothers Farmers Producer Company Limited at Village Bori In Gut No. 16 Tq. Ambad Dist. Jalna" Under
मा. बाळासाहेब ठाकरे कृषि व्यवसाय व ग्रामीण परिवर्तन (स्मार्ट) प्रकल्प
जागतिक बँक सहय्यित उपक्रम**

This is to Certify that

- 1 The Above said works is proposed under Above Mentioned Programme
- 2 Also Certificate that the Companiee's land will be made available for the above said work, supporting documents are attached here with
- 3 Also certified that that after completion of the above said work, it will be handed to Company
- 4 Also Certified that after completion of the above said work the maintenannce of work further handing over will be carried out by Company
- 5 Also certified that the above said work is not including in any other programme nor sanctioned in any other programme

Hence Certified

Name of work :- Construction of Shed for Agro Products For "Munjel Brothers Farmers Producer Company Limited at Village Bori In Gut No. 16 Tq. Ambad Dist. Jalna" Under मा. बाळासाहेब ठाकरे कृषि व्यवसाय व ग्रामीण परिवर्तन (स्मार्ट) प्रकल्प जागतिक बँक सहयित उपक्रम

Certificate for DSR of work

This is to certify that the above said work is proposed to be sanctioned under above mentioned programme. The estimate is prepared as per Current **Maharashtra Public Works Department State Schedule of Rates for the year 2022-2023**. The work will be carried out as per standard Specifications in pink book and as directed by Engineer in charge.

Name of work :- Construction of Shed for Agro Products For "Munjel Brothers Farmers Producer Company Limited at Village Bori In Gut No. 16 Tq. Ambad Dist. Jalna" Under मा. बाळासाहेब ठाकरे कृषि व्यवसाय व ग्रामीण परिवर्तन (स्मार्ट) प्रकल्प जागतिक बँक सहयित उपक्रम

RECAPULATION SHEET

SR No	Items	Amount with Royalty & Lab Testing Charges	Amount without Royalty
1	2	3	4
1	Cost of Shed	8157771.00	7918025.00
2	Add 1% Labour Insurance on 7918025.00	79180.00	
3	Add 3% Electrification on 7918025.00	237541.00	
A	Total Rs (1+2+3)	8474492.00	
4	Add 18% GST on 8474492.00	1525408.00	
B	Total Cost of Shade with GST (A+4)	9999900.00	

**Name of work :- Construction of Shed for Agro Products For "Munjali Brothers Farmers
Producer Company Limited at Village Bori In Gut No. 16 Tq. Ambad Dist. Jalna" Under मा.
बाळासाहेब ठाकरे कृषि व्यवसाय व ग्रामीण परिवर्तन (स्मार्ट) प्रकल्प
जागतिक बँक सहयित उपक्रम**

Abstract Sheet

It No	Item of work.	Qty	Unit	Rate	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. SSR I.NO. 21.02 @ 207.00 Per Cum	108.00	Cum	207.00	22356.00
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. SSR I.NO. 21.04 @ 258.00 Per Cum	94.50	Cum	258.00	24381.00
3	Providing dry/ trap/ granite/ quartzite/ gneiss rubble stone soling 15 cm to 20 cm thick including hand packing and compacting etc. complete. SSR I.NO. 21.38 @ 1382.00 Per Cum	86.36	Cum	1838.49	158772.00
4	Filling in plinth and floors with contractors material/brought from outside and approved by Engineer incharge in layers of 15 cm to 20 cm including watering and compaction etc. complete. SSR I.NO. 21.37 @ 599.00 Per Cum	643.55	Cum	818.98	527055.00
5	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). SSR I.NO. 24.01 @ 5830.00 Per Cum	44.16	Cum	6384.49	281939.00

It No	Item of work.	Qty	Unit	Rate	Amount
6	Providing and laying in situ /Ready Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal for R.C.C. work in foundations like raft, strip foundations, grillage and footings of R.C.C. columns and steel stanchions etc. including bailing out water, Steel centering formwork, laying/pumping cover blocks, compaction and curing roughening the surface if special finish is to be provided (Excluding reinforcement and structural steel) etc. complete, with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade). SSR I.NO. 25.11 @ 7104.00 Per Cum	18.50	Cum	7640.80	141355.00
7	Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal for R.C.C. columns as per detailed designs and drawing or as directed including steel centering, formwork, cover blocks, laying/pumping, compaction finishing the formed surfaces with cement mortar 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening if special finish is to be provided and curing etc. complete.(Excluding reinforcement and structural steel).with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade). SSR I.NO. 25.31 @ 13783.00 Per Cum	31.71	Cum	14319.80	454081.00
8	Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap / granite/quartzite/ gneiss metal for R.C.C. beams and lintels as per detailed designs and drawings or as directed including steel centering, formwork, cover blocks, laying/pumping, compactionand roughening the surface if special finish is to be provided and curing etc. complete. (Excluding reinforcement and structural steel). with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade). SSR I.NO. 25.5 @ 12269.00 Per Cum	19.36	Cum	12805.80	247920.00
9	Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap/ granite/ quartzite/ gneiss metal for R.C.C. chajja as per detailed design and drawings including steel centering, formwork, cover blocks, laying/pumping, compacting and roughening the surface if special finish is to be provided and curing complete. (Excluding reinforcement and structural steel). with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade). SSR I.NO. 26.05 @ 13932.00 Per Cum	8.24	Cum	14468.80	119151.00

It No	Item of work.	Qty	Unit	Rate	Amount
10	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. SSR I.NO. 26.33 @ 89703.00 Per Mt	5.47	MT	89882.59	492031.00
11	Providing and fixing in position HCRM / CRS (Corrosion Resistant Steel) 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. SSR I.NO. 26.34 @ 94136.00 Per Mt	0.61	MT	94315.59	57366.00
12	Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in plinth as backing in composite masonry including bailing out water manually, striking joints, raking out joints and watering etc Complete. SSR I.NO. 27.03 @ 7514.00 Per Cum	34.28	Cum	7959.32	272845.00
13	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. Complete. SSR I.NO. 27.05 @ 7994.00 Per Cum	96.52	Cum	8439.32	814563.00
14	Providing and fixing colour coated Zinalume (R) AZ150 (min 150 gms/sq.mt. total on each side) profiled sheets for roofing. The feed material is manufactured out of nominal 0.45 mm Base Metal Thickness (BMT) (0.5 mm TCT), Hi-strength steel with min.550 MPa yield strength, metallic hot dip coated with Aluminium-Zinc alloy (55% aluminium 43.4% zinc 1.6% silicon) with COLORBOND (R) steel quality super durable polyester paint coat (with inorganic pigment). The paint shall have a total coating thickness of nominal 35 um, comprising of nominal 25 um exterior coat on top surface and nominal 10 um reverse coat on back surface. Profile sheet shall have nom. 950- 1050 mm effective cover width and nominal 25-30 mm deep ribs with subtle square fluting in the five pan at nominal 180-250 mm center- to-center. The end rib shall be designed for anti-capillary groove. and return leg. The feed material should have coil manufacturers product details marked a regular interval. Including fasteners with min. fastened with min. 25 um Zinc-Tin alloy coated, Hex head, self-drilling screw etc. complete. (weight of profile 4.52 Kilogram/ One Square Metre). SSR I.NO. 38.34 @ 1173.00 Per Sqm	1258.96	Sqm	1173.00	1476760.00

It No	Item of work.	Qty	Unit	Rate	Amount
15	Providing internal cement plaster 12mm thick in single coat in cement mortar 1:4 without neeru finish to concrete or brick surfaces, in all positions including scaffolding and curing etc. complete. SSR I.NO. 32.04 @ 278.00 Per Sqm	519.07	Sqm	286.32	148620.00
16	Providing internal cement plaster 20mm thick in Single coats in cement mortar 1:4 without neeru finish, to concrete, brick surface, in all positions including scaffolding and curing etc.complete. SSR I.NO. 32.07 @ 382.00 Per Sqm	764.71	Sqm	395.75	302634.00
17	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. SSR I.NO. 23.04 @ 119459.00 Per Mt	14.23	Sqm	119459.00	1700427.00
18	Providing and fixing mild steel grill work for windows, ventilators etc. 20 Kilogram/ One Square Metre as per drawing including fixtures, necessary welding and painting with one coats of anticorrosive paint and two coats of oil painting complete. SSR I.NO. 40.01 @ 2097.00 Per Sqm	47.25	Sqm	2097.00	99083.00
19	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. SSR I.NO. 36.12 @ 80.00 Per Sqm	519.07	Sqm	80.00	41526.00
20	Providing and applying two coats of textured synthetic paint of approved shade and quality and one coat of primer before applying textured paint including scaffolding if necessary preparing surface by thoroughly cleaning oil, grease, dirt and other materials as required, etc. complete. SSR I.NO. 35.24 @ 163.00 pER sQM	764.71	Sqm	163.00	124648.00
21	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). SSR I.NO. 39.24 @ 4829.00 Per Sqm	18.66	Sqm	4829.00	90109.00
22	Providing and fixing screw down 15 mm dia. wheeled stop tap of brass including necessary sockets/union nut complete. SSR I.NO. 41.43 @ 516.00 Per No	3.00	No	516.00	1548.00

It No	Item of work.	Qty	Unit	Rate	Amount
23	Providing and fixing in position (as per 1868 / 1982) Alluminium sliding window of three tracks with rectangular pipe 95 x 38.10 x 0.90 mm at weight 0.637 Kilogram/One Running Metre. with window frame bottom track section 92 x 31.75 x 1.30 mm at weight 1.070 Kilogram/One Running Metre.. Top and side track section 92	37.80	Sqm	5502.00	207976.00
24	Providing and fixing on walls/ceiling/floor 20 mm dia. CPVC pipe with necessary fittings, remaking good the demolished portion etc. complete. Including removing existing pipe line if necessary and conveying and stacking the same in PWD chowky or as directed etc. complete. SSR I.NO. 42.56 @ 310.00 Per Rmt	30.00	Rgm	310.00	9300.00
25	Providing and fixing H.D.P container one piece moulded water tank made out of high density polythylar and built corrugated inclusive of delivery up to destination hoisting and fixing of accessories such as inlet,outlet overflow pipe inclusive of all tanks capacity between 200 to 1000 liters. SSR I.NO. 42.53 @ 14.00 Per Lit	1000.00	Ltr	14.00	14000.00
26	Turbo Ventilator 24": Providing and fixing wind operated tubo ventilator system of various sizes over the existing roof including cutting CGI sheets, proper fixing in position to true line and level with all fixtures and fastenings including etc. complete. SSR I.No. 42 on P.No. 529 @ 9702.00 Per No	8.00	No	9702.00	77616.00
27	Providing and fixing board displaying information, such as 'Name of work, Tender cost, Name of Contractor, Work completion and liability period etc', having rectangular shape of 1.20m x 0.90m size made out 18 gauge (1.25mm) thick mild steel sheet painted with one coat of Zinc chromate stoving primer and two coats of enamel paint on front side and grey stove enamel on back side and border / messages / symbols etc. with approved colour shade paint complete, on M.S.angle of size 35 x 35 x 3 mm frame with properly cross braced M.S. angles of size 35mmx35mmx3mm duly painted including Two M.S. angle iron posts of size 65 mm x 65 mm x 6 mm, 3.65 m long painted with alternate black and white bands of 25 cm width including all fixtures etc.and fixing the boards in 1:4:8 concrete block of size 60 cm x 60 cm x 75 cm including, excavation, refilling, transportation, and labour etc complete. Spec. No. As directed by Engineer in Charge. SSR I.NO. 6.36 @ 9963.00 Per No	1.00	No	9963.00	9963.00
				Cost of Work	Rs 7918025.00
Royalty Charges					
28	Qty of Material utilised for Royelty For Sand as per statement attatched	122.58	Cum	237.37	29097.00
29	Qty of Material utilised for Royelty For Without Sand as per statement attatched	760.82	Cum	216.18	164474.00
				Total Royalty Charges	Rs 193571.00

It No	Item of work.	Qty	Unit	Rate	Amount
Lab Testing Charges					
30	BASIC TEST OF CEMENT: Standard Consistency, Fineness, Specific Gravity, Setting Time (Initial & Final), Compressive Strength, Soundness. SSR I.NO. 1 P.NO 426 @ 3770.00 Per Test	5.00	Test	3770.00	18850.00
31	BASIC TEST OF AGGREGATE: Water Absorption, Specific Gravity, Impact Value, Crushing Value. SSR I.NO. 2 P.NO 426 @ 2600.00 Per Test	5.00	Test	2600.00	13000.00
32	BRICKS: Water Absorption (Set of 5 Bricks), Compressive Strength(Set of 5 Bricks), Efflorescence (Set of 5 Bricks).SSR I.NO. 13 P.NO 426 @ 2175.00 Per Test	5.00	Test	2175.00	10875.00
33	CONCRETE: Compressive Strength OF C.C. Cube (Set of 3 cubes)..SSR I.NO. 19 P.NO 426 @ 690.00 Per Test	5.00	Test	690.00	3450.00
Total Lab Testing Charges				Rs	46175.00
Grand Total				Rs	8157771.00

Name of work :- Construction of Shed for Agro Products For "Munjal Brothers Farmers Producer Company Limited at Village Bori In Gut No. 16 Tq. Ambad Dist. Jalna" Under मा. बाळासाहेब ठाकरे कृषि व्यवसाय व ग्रामीण परिवर्तन (स्मार्ट) प्रकल्प जागतिक बँक सहयित उपक्रम

Measurement Sheet

It No	Item of work.	No	Length	Breadth	Depth	Qty	Unit
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. SSR I.NO. 21.02 @ 207.00 Per Cum						
	Gr I Outer Beams	20	3.11	0.30	0.30	5.60	
	Gr II Outer Beams	4	3.42	0.30	0.30	1.23	
	Gr III Outer Beams	4	3.53	0.30	0.30	1.27	
	C1 to C34	28	1.50	1.50	1.50	94.50	
	Steps	2	3.00	2.00	0.45	5.40	
	Total Quantity						108.00 Cum
2	Excavation for foundation in earth, soils of all types, sand, gravel and soft murum, including removing the excavated material upto a distance of 50 metres beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift from 1.5m to 3.0m) By Mechanical Means. SSR I.NO. 21.04 @ 258.00 Per Cum						
	C1 to C34	28	1.50	1.50	1.50	94.50	
	Total Quantity						94.50 Cum
3	Providing dry/ trap/ granite/ quartzite/ gneiss rubble stone soling 15 cm to 20 cm thick including hand packing and compacting etc. complete. SSR I.NO. 21.38 @ 1382.00 Per Cum						
	Column	28	1.50	1.50	0.15	9.45	
	Shed	1	33.12	15.24	0.15	75.71	
	Steps	2	3.00	2.00	0.10	1.20	
	Total Quantity						86.36 Cum
4	Filling in plinth and floors with contractors material/brought from outside and approved by Engineer incharge in layers of 15 cm to 20 cm including watering and compaction etc. complete. SSR I.NO. 21.37 @ 599.00 Per Cum						
	For Filling Murum	1	33.12	15.24	1.28	643.55	
	Total Quantity						643.55 Cum
5	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). SSR I.NO. 24.01 @ 5830.00 Per Cum						
	Column	28	1.50	1.50	0.10	6.30	
	Hall	1	33.12	15.24	0.075	37.86	
	Total Quantity						44.16 Cum

It No	Item of work.	No	Length	Breadth	Depth	Qty	Unit
6	Providing and laying in situ /Ready Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal for R.C.C. work in foundations like raft, strip foundations, grillage and footings of R.C.C. columns and steel stanchions etc. including bailing out water, Steel centering formwork, laying/pumping cover blocks, compaction and curing roughening the surface if special finish is to be provided (Excluding reinforcement and structural steel) etc. complete, with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade). SSR I.NO. 25.11 @ 7104.00 Per Cum						
	C1 to C11 and C18 to C28	22	1.35	1.35	0.23	9.22	
	For Second Step Portion	22	1.05	1.05	0.23	5.31	
	C12 to C17	6	1.35	1.35	0.23	2.52	
	For Second Step Portion	6	1.05	1.05	0.23	1.45	
	Total Quantity					18.50	Cum
7	Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal for R.C.C. columns as per detailed designs and drawing or as directed including steel centering, formwork, cover blocks, laying/pumping, compaction finishing the formed surfaces with cement mortar 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening if special finish is to be provided and curing etc. complete.(Excluding reinforcement and structural steel).with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade). SSR I.NO. 25.31 @ 13783.00 Per Cum						
	Column Mark						
	C1 to C11 and C18 to C28						
	Up to Ground Level	22	0.23	0.53	2.29	6.14	
	Up to Plinth Level	22	0.23	0.53	1.50	4.02	
	Up Above Plinth	22	0.23	0.53	5.50	14.75	
	C12 to C17						
	Up to Ground Level	6	0.23	0.53	2.29	1.67	
	Up to Plinth Level	6	0.23	0.53	1.50	1.10	
	Up Above Plinth	6	0.23	0.53	5.50	4.02	
	Total Quantity					31.71	Cum
8	Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap / granite/quartzite/ gneiss metal for R.C.C. beams and lintels as per detailed designs and drawings or as directed including steel centering, formwork, cover blocks, laying/pumping, compaction and roughening the surface 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). SSR I.NO. 25.5 @ 12269.00 Per Cum						
	Plinth Beam						
	Gr I Outer Beams	20	3.11	0.23	0.38	5.44	
	Gr II Outer Beams	4	3.42	0.23	0.38	1.20	
	Gr III Outer Beams	4	3.53	0.23	0.38	1.23	
	Gr II Inner Beams (Tie Beam)	7	15.24	0.23	0.38	9.32	
	Lintel Beam						
	Above Window and Shutter	21	1.50	0.23	0.30	2.17	
	Total Quantity					19.36	Cum

It No	Item of work.	No	Length	Breadth	Depth	Qty	Unit
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- 9 Providing and laying Cast in situ/Ready Mixcement concrete M-20 of trap/ granite/ quartzite/ gneiss metal for R.C.C. chajja as per detailed design and drawings including steel centering, formwork, cover blocks, laying/pumping, compacting and roughening the surface if special finish is to be provided and curing complete. (Excluding reinforcement and structural steel). with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade). SSR I.NO. 26.05 @ 13932.00 Per Cum

Plinth Level							
Gr I Outer Beams	20	3.11	0.60	0.10		3.73	
Gr II Outer Beams	4	3.42	0.60	0.10		0.82	
Gr III Outer Beams	4	3.53	0.60	0.10		0.85	
Lintel Level							
Above Window and Shutter	21	3.00	0.45	0.10		2.84	
Total Quantity						8.24	Cum

- 10 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. SSR I.NO. 26.33 @ 89703.00 Per Mt

Qty Of Footing	18.50	70.00		1295.00			
Qty Of Column	31.71	85.00		2695.35			
Qty of Beam	19.36	82.54		1597.94			
Qty of chajja	8.24	60.00		494.11			
6082.39						Kg	
6.08							
90% of total Qty						5.47	Mt
Total Quantity						5.47	Mt

- 11 Providing and fixing in position HCRM / CRS (Corrosion Resistant Steel) 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. SSR I.NO. 26.34 @ 94136.00 Per Mt

10% Qty of Total Steel					0.61	Mt	
Total Quantity						0.61	Mt

- 12 Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in plinth as backing in composite masonry including bailing out water manually, striking joints, raking out joints and watering etc Complete. SSR I.NO. 27.03 @ 7514.00 Per Cum

For step block for two sides	2	3.00	2.00	0.40	4.80	
	2	3.00	1.75	0.15	1.58	
	2	3.00	1.50	0.15	1.35	
	2	3.00	1.25	0.15	1.13	
	2	3.00	1.00	0.15	0.90	
	2	3.00	0.75	0.15	0.68	
	2	3.00	0.50	0.15	0.45	
	2	3.00	0.25	0.15	0.23	
Gr I Outer Beams	20	3.11	0.23	1.12	16.02	
Gr II Outer Beams	4	3.42	0.23	1.12	3.52	

It No	Item of work.	No	Length	Breadth	Depth	Qty	Unit
	Gr III Outer Beams	4	3.53	0.23	1.12	3.64	
						Total Quantity	34.28 Cum

- 13** 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. Complete. SSR I.NO. 27.05 @ 7994.00 Per Cum

In superstructure

Gr I Outer Beams	20	3.11	0.23	5.50	78.68		
Gr II Outer Beams	4	3.42	0.23	5.50	17.31		
Gr III Outer Beams	4	3.53	0.23	5.50	17.86		
						113.85	
Deduction							
Shutter S	2	3.11	0.23	3.00	4.29		
Window W	21	1.50	0.23	1.50	10.87		
Deduct Lintel Beam Qty					2.17		
						Total Qty.	17.33 Cum
						Total Quantity	96.52 Cum

- 14** Providing and fixing colour coated Zinalume (R) AZ150 (min 150 gms/sq.mt. total on each side) profiled sheets for roofing. The feed material is manufactured out of nominal 0.45 mm Base Metal Thickness (BMT) (0.5 mm TCT), Hi-strength steel with min.550 MPa yield strength, metallic hot dip coated with Aluminium-Zinc alloy (55% aluminium 43.4% zinc 1.6% silicon) with COLORBOND (R) steel quality super durable polyester paint coat (with inorganic pigment). The paint shall have a total coating thickness of nominal 35 um, comprising of nominal 25 um exterior coat on top surface and nominal 10 um reverse coat on back surface. Profile sheet shall have nom. 950- 1050 mm effective cover width and nominal 25-30 mm deep ribs with subtle square fluting in the five pan at nominal 180-250 mm center-to-center. The end rib shall be designed for anti-capillary groove. and return leg. The feed material should have coil manufacturers product details marked a regular interval. Including fasteners with min. fastened with min. 25 um Zinc-Tin alloy coated, Hex head, self-drilling screw etc. complete. (weight of profile 4.52 Kilogram/ One Square Metre). SSR I.NO. 38.34 @ 1173.00 Per Sqm

For Roofing	2	34.50	7.74	534.06			
L/S & R/S Wall	2	15.70	5.50	172.70			
Front & Rear Side Wall	2	34.50	5.50	379.50			
For Gable End (1/2 x B x H)	4	0.50	15.70	172.70			
						Total Quantity	1258.96 Sqm

- 15** Providing internal cement plaster 12mm thick in single coat in cement mortar 1:4 without neeru finish to concrete or brick surfaces, in all positions including scaffolding and curing etc. complete. SSR I.NO. 32.04 @ 278.00 Per Sqm

Hall L/W	2	37.94	5.50	417.34			
C/W	2	15.24	5.50	167.64			
						Qty	584.98 Sqm
Deduction							
Shutter S	2	3.11	3.00	18.66			
Window W	21	1.50	1.50	47.25			
						Qty	65.91
						Total Quantity	519.07 Sqm

It No	Item of work.	No	Length	Breadth	Depth	Qty	Unit
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- 16 Providing internal cement plaster 20mm thick in Single coats in cement mortar 1:4 without neeru finish, to concrete, brick surface, in all positions including scaffolding and curing etc.complete. SSR I.NO. 32.07 @ 382.00 Per Sqm

L/W	2	33.58	7.00		470.12		
C/W	2	15.70	7.00		219.80		
Column offset	40	0.30	7.00		84.00		
Chajja	21	3.00	0.45	2	56.70		
				Qty	830.62	Sqm	

Deduction							
Shutter S	2	3.11		3.00	18.66		
Window W	21	1.50		1.50	47.25		
				Qty	65.91		

Total Quantity 764.71 Sqm

- 17 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. SSR I.NO. 23.04 @ 119459.00 Per Mt

PEB Building Godown							
33.58 x 15.70 = 527.20 Sqm							
Heavy Duty 27 kg Per Sqm							
527.20 x 27 = 14234 kG							
					14.23	Mt	

Total Quantity 14.23 Mt

- 18 Providing and fixing mild steel grill work for windows, ventilators etc. 20 Kilogram/ One Square Metre as per drawing including fixtures, necessary welding and painting with one coats of anticorrosive paint and two coats of oil painting complete. SSR I.NO. 40.01 @ 2097.00 Per Sqm

W	21	1.50		1.50	47.25		
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Total Quantity 47.25 Sqm

- 19 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. SSR I.NO. 36.12 @ 80.00 Per Sqm

Qty. as per Item No.15 519.07 Sqm

- 20 Providing and applying two coats of textured synthetic paint of approved shade and quality and one coat of primer before applying textured paint including scaffolding if necessary preparing surface by thoroughly cleaning oil, grease, dirt and other materials as required, etc. complete. SSR I.NO. 35.24 @

Qty. as per Item No.16 764.71 Sqm

It No	Item of work.	No	Length	Breadth	Depth	Qty	Unit
21	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). SSR I.NO. 39.24 @ 4829.00 Per Sqm						
	For Front Entrance	2	3.11	3.00		18.66	
						Total Quantity	18.66 Sqm
22	Providing and fixing screw down 15 mm dia. wheeled stop tap of brass including necessary sockets/union nut complete. SSR I.NO. 41.43 @ 516.00 Per No						
						Total Quantity	3.00 No
23	Providing and fixing in position (as per 1868 / 1982) Alluminium sliding window of three tracks with rectangular pipe 95 x 38.10 x 0.90 mm at weight 0.637 Kilogram/One Running Metre. with window frame bottom track section 92 x 31.75 x 1.30 mm at weight 1.070 Kilogram/One Running Metre.. Top and side track section 92 x 31.75 x 1.30 mm at weight 0.933 Kilogram/Running metre. The shutter should be of bearing bottom 40 x 18 x 1.25 mm at weight 0.417 Kilogram/One Running Metre. Inter locking section 40 x 18 x 1.10 mm at weight 0.469 Kilogram/Running metre. and handle and top section 40 x 18 x 1.25 mm at weight 0.417 Kilogram/Running metre. As per detailed drawings and as directed by Engineerincharge 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 5 mm thick plain glass and aluminium mosquito net shutter with stainless steel jail with all required screws and nuts etc, complete. With colour Anodising with box.ssr i.no. 39.41 @ 5502						
		W 21	1.20		1.50	37.80	
						Total Quantity	37.80 Sqm
24	Providing and fixing on walls/ceiling/floor 20 mm dia. CPVC pipe with necessary fittings, remaking good the demolished portion etc. complete. Including removing existing pipe line if necessary and conveying and stacking the same in PWD chowky or as directed etc. complete. SSR I.NO. 42.56 @ 310.00 Per Rmt						
	For Inlet to Roof Tank	1	30.00			30.0	
						Total Quantity	30.00 Rgm
25	Providing and fixing H.D.P container one piece moulded water tank made out of high density polythylar and built corrugated inclusive of delivery up to destination hoisting and fixing of accessories such as inlet,outlet overflow pipe inclusive of all tanks capacity between 200 to 1000 liters. SSR I.NO. 42.53 @ 14.00 Per Lit						
	Water Tank	1	1000.00			1000.00	
						Total Quantity	1000.00 liter
26	Turbo Ventilator 24" : Providing and fixing wind operated tubo ventilator system of various sizes over the existing roof including cutting CGI sheets, proper fixing in position to true line and level with all fixtures and fastenings incuding etc. complete. SSR I.No. 42 on P.No. 529 @ 9702.00 Per No						
			8			8.00	
						Total Quantity	8.00 No

It No	Item of work.	No	Length	Breadth	Depth	Qty	Unit
27	Providing and fixing board displaying information, such as 'Name of work, Tender cost, Name of Contractor, Work completion and liability period etc', having rectangular shape of 1.20m x 0.90m size made out 18 gauge (1.25mm) thick mild steel sheet painted with one coat of Zinc chromate stoving primer and two coats of enamel paint on front side and grey stove enamel on back side and border / messages / symbols etc. with approved colour shade paint complete, on M.S.angle of size 35 x 35 x 3 mm frame with properly cross braced M.S. angles of size 35mmx35mmx3mm duly painted including Two M.S. angle iron posts of size 65 mm x 65 mm x 6 mm, 3.65 m long painted with alternate black and white bands of 25 cm width including all fixtures etc.and fixing the boards in 1:4:8 concrete block of size 60 cm x 60 cm x 75 cm including, excavation, refilling, transportation, and labour etc complete. Spec. No. As directed by Engineer in Charge. SSR I.NO. 6.36 @ 9963.00 Per No	1				1.00	
						Total Quantity	1.00 No
28	Qty of Material utilised for Royelty For Sand as per statement attatched					122.58	
						Total Quantity	122.58 Cum
29	Qty of Material utilised for Royelty For Without Sand as per statement attatched					760.82	
						Total Quantity	760.82 Cum

Name of work :- Construction of Shed for Agro Products For "Munjal Brothers Farmers Producer Company Limited at Village Bori In Gut No. 16 Tq. Ambad Dist. Jalna" Under मा. बाळासाहेब ठाकरे कृषि व्यवसाय व ग्रामीण परिवर्तन (स्मार्ट) प्रकल्प जागतिक बँक सहयित उपक्रम

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. SSR I.NO. 21.02 @ 207.00 Per Cum

Basic Rate as per SSR 2022-2023

207.00

Total Rate 207.00 /Cum

- 2 Excavation for foundation in earth, soils of all types, sand, gravel and soft murum, including removing the excavated material upto a distance of 50 metres beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift from 1.5m to 3.0m) By Mechanical Means. SSR I.NO. 21.04 @ 258.00 Per Cum

Basic Rate as per SSR 2022-2023

258.00

Total Rate 258.00 /Cum

- 3 Providing dry/ trap/ granite/ quartzite/ gneiss rubble stone soling 15 cm to 20 cm thick including hand packing and compacting etc. complete. SSR I.NO. 21.38 @ 1382.00 Per Cum

Basic Rate as per SSR 2022-2023

1382.00

Add Lead charges for soling 1.00 383.18 383.18

Add Lead charges for sand 0.15 488.73 73.31

Total Rate 1838.49 /Cum

- 4 Filling in plinth and floors with contractors material/brought from outside and approved by Engineer incharge in layers of 15 cm to 20 cm including watering and compaction etc. complete. SSR I.NO. 21.37 @ 599.00 Per Cum

Basic Rate as per SSR 2022-2023

599.00

Add Lead charges for Murum 1.00 219.98 219.98

Total Rate 818.98 /Cum

- 5 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). SSR I.NO. 24.01 @ 5830.00 Per Cum

Basic Rate as per SSR 2022-2023

5830.00

Add lead charges for 40 mm metal 0.70 300.16 210.11

Add lead charges for Crushed metal 0.24 313.21 75.17

Add Lead charges for sand 0.47 488.73 229.70

Add Lead charges for cement 0.22 179.59 39.51

Total Rate 6384.49 /Cum

Rate Analysis

- 6 Providing and laying in situ /Ready Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal for R.C.C. work in foundations like raft, strip foundations, grillage and footings of R.C.C. columns and steel stanchions etc. including bailing out water, Steel centering formwork, laying/pumping cover blocks, compaction and curing roughening the surface if special finish is to be provided (Excluding reinforcement and structural steel) etc. complete, with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade). SSR I.NO. 25.11 @ 7104.00 Per Cum

Basic Rate as per SSR 2022-2023			7104.00
Add lead charges for metal	0.85	313.21	266.23
Add Lead charges for sand	0.425	488.73	207.71
Add Lead charges for cement	0.35	179.59	62.86
Total Rate			7640.80 /Cum

- 7 Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal for R.C.C. columns as per detailed designs and drawing or as directed including steel centering, formwork, cover blocks, laying/pumping, compaction finishing the formed surfaces with cement mortar 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening if special finish is to be provided and curing etc. complete.(Excluding reinforcement and structural steel).with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade). SSR I.NO. 25.31 @ 13783.00 Per Cum

Basic Rate as per SSR 2022-2023			13783.00
Add lead charges for metal	0.85	313.21	266.23
Add Lead charges for sand	0.425	488.73	207.71
Add Lead charges for cement	0.35	179.59	62.86
Total Rate			14319.80 /Cum

- 8 Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap / granite/quartzite/ gneiss metal for R.C.C. beams and lintels as per detailed designs and drawings or as directed including steel centering, formwork, cover blocks, laying/pumping, compaction and roughening the surface 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). SSR I.NO. 25.5 @ 12269.00 Per Cum

Basic Rate as per SSR 2022-2023			12269.00
Add lead charges for metal	0.85	313.21	266.23
Add Lead charges for sand	0.425	488.73	207.71
Add Lead charges for cement	0.35	179.59	62.86
Total Rate			12805.80 /Cum

- 9 Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap/ granite/ quartzite/ gneiss metal for R.C.C. chajja as per detailed design and drawings including steel centering, formwork, cover blocks, laying/pumping, compacting and roughening the surface if special finish is to be provided and curing complete. (Excluding reinforcement and structural steel). with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade). SSR I.NO. 26.05 @ 13932.00 Per Cum

Basic Rate as per SSR 2022-2023			13932.00
Add lead charges for metal	0.85	313.21	266.23
Add Lead charges for sand	0.425	488.73	207.71
Add Lead charges for cement	0.35	179.59	62.86
Total Rate			14468.80 /Cum

Rate Analysis

- 10** 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. SSR I.NO. 26.33 @ 89703.00 Per Mt

Basic Rate as per SSR 2022-2023	89703.00
Add lead charges for Steel	1.00 179.59 179.59
Total Rate	89882.59 /Mt

- 11** Providing and fixing in position HCRM / CRS (Corrosion Resistant Steel) 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. SSR I.NO. 26.34 @ 94136.00 Per Mt

Basic Rate as per SSR 2022-2023	94136.00
Add lead charges for Steel	1.00 179.59 179.59
Total Rate	94315.59 /Mt

- 12** Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in plinth as backing in composite masonry including bailing out water manually, striking joints, raking out joints and watering etc Complete. SSR I.NO. 27.03 @ 7514.00 Per Cum

Basic Rate as per SSR 2022-2023	7514.00
Add lead charges for Brick	0.475 578.40 274.74
Add Lead charges for sand	0.32 488.73 156.39
Add Lead charges for cement	0.079 179.59 14.19
Total Rate	7959.32 /Cum

- 13** 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. Complete. SSR I.NO. 27.05 @ 7994.00 Per Cum

Basic Rate as per SSR 2022-2023	7994.00
Add lead charges for Brick	0.475 578.40 274.74
Add Lead charges for sand	0.32 488.73 156.39
Add Lead charges for cement	0.079 179.59 14.19
Total Rate	8439.32 /Cum

- 14** Providing and fixing colour coated Zinalume (R) AZ150 (min 150 gms/sq.mt. total on each side) profiled sheets for roofing. The feed material is manufactured out of nominal 0.45 mm Base Metal Thickness (BMT) (0.5 mm TCT), Hi-strength steel with min.550 MPa yield strength, metallic hot dip coated with Aluminium-Zinc alloy (55% aluminium 43.4% zinc 1.6% silicon) with COLORBOND (R) steel quality super durable polyester paint coat (with inorganic pigment). The paint shall have a total coating thickness of nominal 35 um, comprising of nominal 25 um exterior coat on top surface and nominal 10 um reverse coat on back surface. Profile sheet shall have nom. 950- 1050 mm effective cover width and nominal 25-30 mm deep ribs with subtle square fluting in the five pan at nominal 180-250 mm center-to-center. The end rib shall be designed for anti-capillary groove. and return leg. The feed material should have coil manufacturers product details marked a regular interval. Including fasteners with min. fastened with min. 25 um Zinc-Tin alloy coated, Hex head, self-drilling screw etc. complete. (weight of profile 4.52 Kilogram/ One Square Metre). SSR I.NO. 38.34 @ 1173.00 Per Sqm

Basic Rate as per SSR 2022-2023	1173.00
Total Rate	1173.00 /Sqm

Rate Analysis

- 15 Providing internal cement plaster 12mm thick in single coat in cement mortar 1:4 without neeru finish to concrete or brick surfaces, in all positions including scaffolding and curing etc. complete. SSR I.NO. 32.04 @ 278.00 Per Sqm

Basic Rate as per SSR 2022-2023	278.00
Add Lead Charges for Sand 0.015 488.73	7.33
Add Lead Charges For Cement 0.0055 179.59	0.99
Total Rate	286.32 /Sqm

- 16 Providing internal cement plaster 20mm thick in Single coats in cement mortar 1:4 without neeru finish, to concrete, brick surface, in all positions including scaffolding and curing etc.complete. SSR I.NO. 32.07 @ 382.00 Per Sqm

Basic Rate as per SSR 2022-2023	382.00
Add Lead Charges for Sand 0.025 488.73	12.22
Add Lead Charges For Cement 0.0085 179.59	1.53
Total Rate	395.75 /Sqm

- 17 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. SSR I.NO. 23.04 @ 119459.00 Per Mt

Basic Rate as per SSR 2022-2023	119459.00
Total Rate	119459.00 /MT

- 18 Providing and fixing mild steel grill work for windows, ventilators etc. 20 Kilogram/ One Square Metre as per drawing including fixtures, necessary welding and painting with one coats of anticorrosive paint and two coats of oil painting complete. SSR I.NO. 40.01 @ 2097.00 Per Sqm

Basic Rate as per SSR 2022-2023	2097.00
Total Rate	2097.00 /Sqm

- 19 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. SSR I.NO. 36.12 @ 80.00 Per Sqm

Basic Rate as per SSR 2022-2023	80.00
Total Rate	80.00 /Sqm

- 20 Providing and applying two coats of textured synthetic paint of approved shade and quality and one coat of primer before applying textured paint including scaffolding if necessary preparing surface by thoroughly cleaning oil, grease, dirt and other materials as required, etc. complete. SSR I.NO. 35.24 @ 163.00 pER sQM

Basic Rate as per SSR 2022-2023	163.00
Total Rate	163.00 /Sqm

- 21 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). SSR I.NO. 39.24 @ 4829.00 Per Sqm

Basic Rate as per SSR 2022-2023	4829.00
Total Rate	4829.00 /Sqm

Rate Analysis

- 22 Providing and fixing screw down 15 mm dia. wheeled stop tap of brass including necessary sockets/union nut complete. SSR I.NO. 41.43 @ 516.00 Per No

Basic Rate as per SSR 2022-2023

516.00

Total Rate	516.00 /No
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- 23 Providing and fixing in position (as per 1868 / 1982) Alluminium sliding window of three tracks with rectangular pipe 95 x 38.10 x 0.90 mm at weight 0.637 Kilogram/One Running Metre. with window frame bottom track section 92 x 31.75 x 1.30 mm at weight 1.070 Kilogram/One Running Metre.. Top and side track section 92 x 31.75 x 1.30 mm at weight 0.933 Kilogram/Running metre. The shutter should be of bearing bottom 40 x 18 x 1.25 mm at weight 0.417 Kilogram/One Running Metre. Inter locking section 40 x 18 x 1.10 mm at weight 0.469 Kilogram/Running metre. and handle and top section 40 x 18 x 1.25 mm at weight 0.417 Kilogram/Running metre. As per detailed drawings and as directed by Engineerincharge 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 5 mm thick plain glass and aluminium mosquito net shutter with stainless steel jail with all required screws and nuts etc, complete. With colour Anodising with box.ssr i.no. 39.41 @ 5502

Basic Rate as per SSR 2022-2023

5502.00

Total Rate	5502.00 /Sqm
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- 24 Providing and fixing on walls/ceiling/floor 20 mm dia. CPVC pipe with necessary fittings, remaking good the demolished portion etc. complete. Including removing existing pipe line if necessary and conveying and stacking the same in PWD chowky or as directed etc. complete. SSR I.NO. 42.56 @ 310.00 Per Rmt

Basic Rate as per SSR 2022-2023

310.00

Total Rate	310.00 /Rgm
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- 25 Providing and fixing H.D.P container one piece moulded water tank made out of high density polythylar and built corrugated inclusive of delivery up to destination hoisting and fixing of accessories such as inlet,outlet overflow pipe inclusive of all tanks capacity between 200 to 1000 liters. SSR I.NO. 42.53 @ 14.00 Per Lit

Basic Rate as per SSR 2022-2023

14.00

Total Rate	14.00 /Ltr
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- 26 Turbo Ventilator 24": Providing and fixing wind operated tubo ventilator system of various sizes over the existing roof including cutting CGI sheets, proper fixing in position to true line and level with all fixtures and fastenings including etc. complete. SSR I.No. 42 on P.No. 529 @ 9702.00 Per No

Basic Rate as per SSR 2022-2023

9702.00

Total Rate	9702.00 /No
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- 27 Providing and fixing board displaying information, such as 'Name of work, Tender cost, Name of Contractor, Work completion and liability period etc', having rectangular shape of 1.20m x 0.90m size made out 18 gauge (1.25mm) thick mild steel sheet painted with one coat of Zinc chromate stoving primer and two coats of enamel paint on front side and grey stove enamel on back side and border / messages / symbols etc. with approved colour shade paint complete, on M.S.angle of size 35 x 35 x 3 mm frame with properly cross braced M.S. angles of size 35mmx35mmx3mm duly painted including Two M.S. angle iron posts of size 65 mm x 65 mm x 6 mm, 3.65 m long painted with alternate black and white bands of 25 cm width including all fixtures etc.and fixing the boards in 1:4:8 concrete block of size 60 cm x 60 cm x 75 cm including, excavation, refilling, transportation, and labour etc complete. Spec. No. As directed by Engineer in Charge. SSR I.NO. 6.36 @ 9963.00 Per No

Basic Rate as per SSR 2022-2023

9963.00

Total Rate	9963.00 /No
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**Name of work :- Construction of Shed for Agro Products For "Munjel Brothers Farmers Producer Company Limited at Village Bori In Gut No. 16 Tq. Ambad
Dist. Jalna" Under मा. बाळासाहेब ठाकरे कृषि व्यवसाय व ग्रामीण परिवर्तन (स्मार्ट) प्रकल्प
जागतिक बँक सहयित उपक्रम**

Royalty Charges & Material Requirement for the work

Sr.No	Item of work	Qty	Unit	Metal Above 40 mm		Metal Below 40 mm		Sand		Soft / Hard Murum		Cement	
				Rate	Qty	Rate	Qty	Rate	Qty	Rate	Qty	Rate	Qty
3	Providing dry/ trap/ granite/ quartzite/ gneiss rubble stone soling 15 cm to 20 cm thick including hand packing and	86.36	Cum	1.00	86.36								
4	Filling in plinth and floors with contractors material/brought from outside and approved by Engineer incharge in layers of 15	643.55	Sqm							1.00	643.55		
5	Providing and laying Cast in situ/Ready Mix cement concrete in M-10 of trap/granite/ quartzite/ gneiss	44.16	Cum	0.70	30.91	0.24	10.60	0.47	20.76			4.40	194.30
6	Providing and laying in situ /Ready Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal for R.C.C. work	18.50	Sqm			0.85	15.73	0.425	7.86			7.00	129.50
7	Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal	31.71	Cum			0.85	26.95	0.425	13.48			7.00	221.97
8	Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap /granite/quartzite/ gneiss metal	19.36	Cum			0.85	16.46	0.425	8.23			7.00	135.52
9	Providing and laying Cast in situ/Ready Mixcement concrete M-20 of trap/ granite/ quartzite/ gneiss metal for R.C.C.	8.24	Cum			0.85	7.00	0.425	3.50			7.00	57.65
12	Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in plinth as	34.28	Cum					0.32	10.97			1.58	54.16

Name of work :- Construction of Shed for Agro Products For "Munjal Brothers Farmers Producer Company Limited at Village Bori In Gut No. 16 Tq. Ambad Dist. Jalna" Under मा. बाळासाहेब ठाकरे कृषि व्यवसाय व ग्रामीण परिवर्तन (स्मार्ट) प्रकल्प जागतिक बँक सहयित उपक्रम

Royalty Charges & Material Requirement for the work

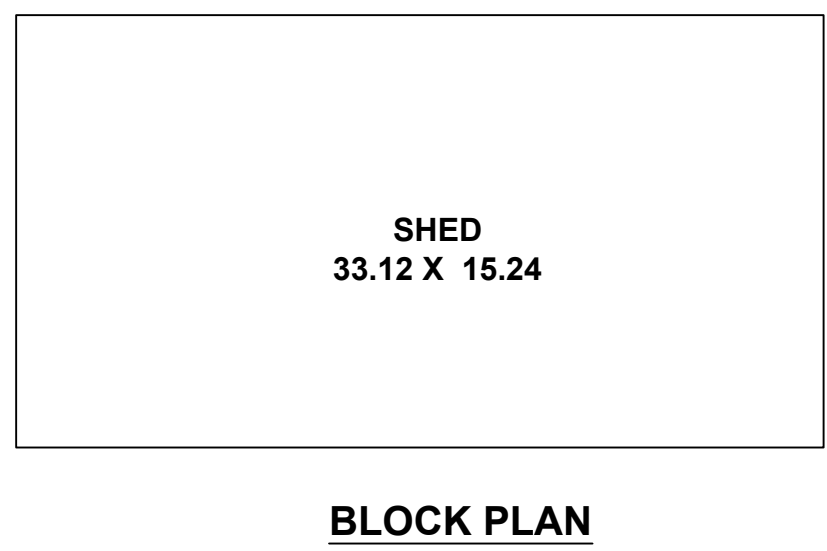
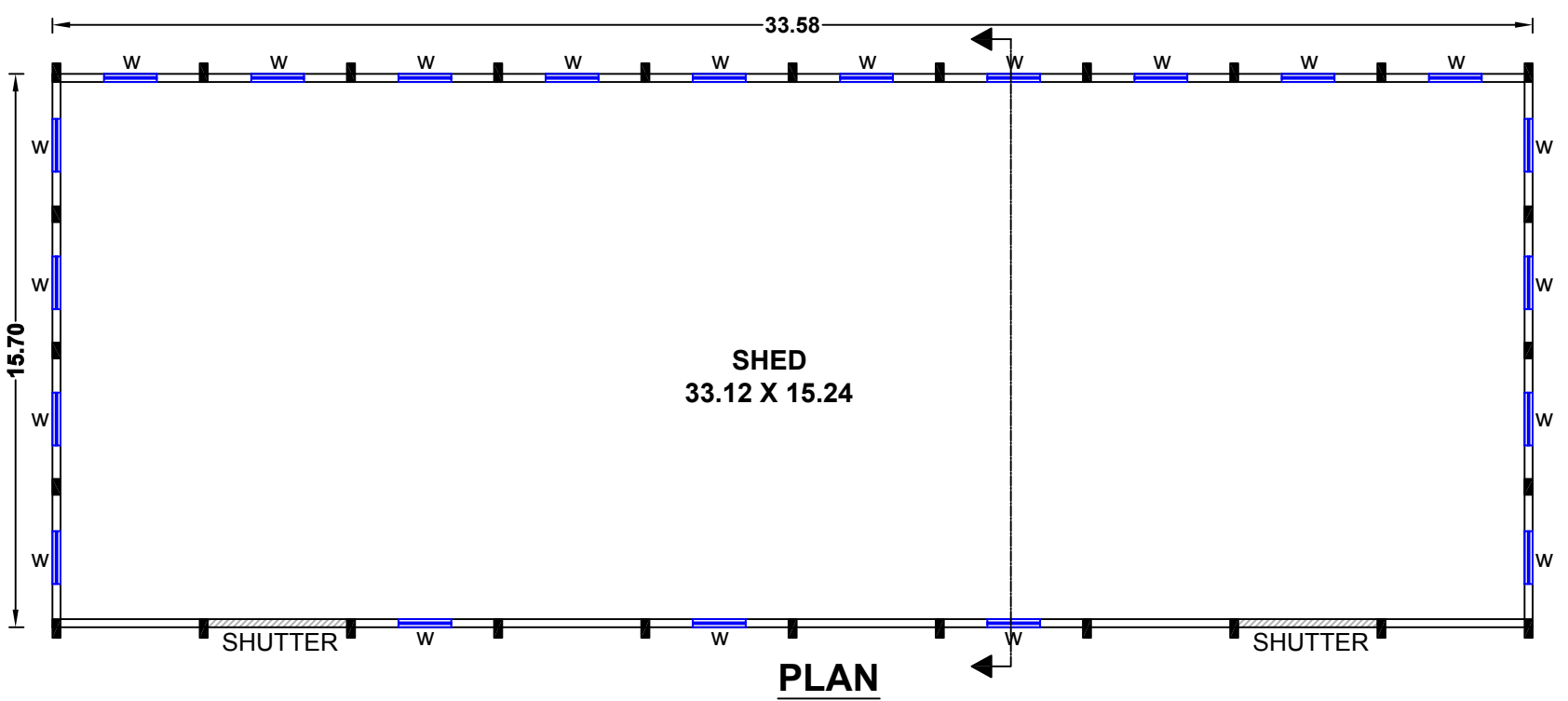
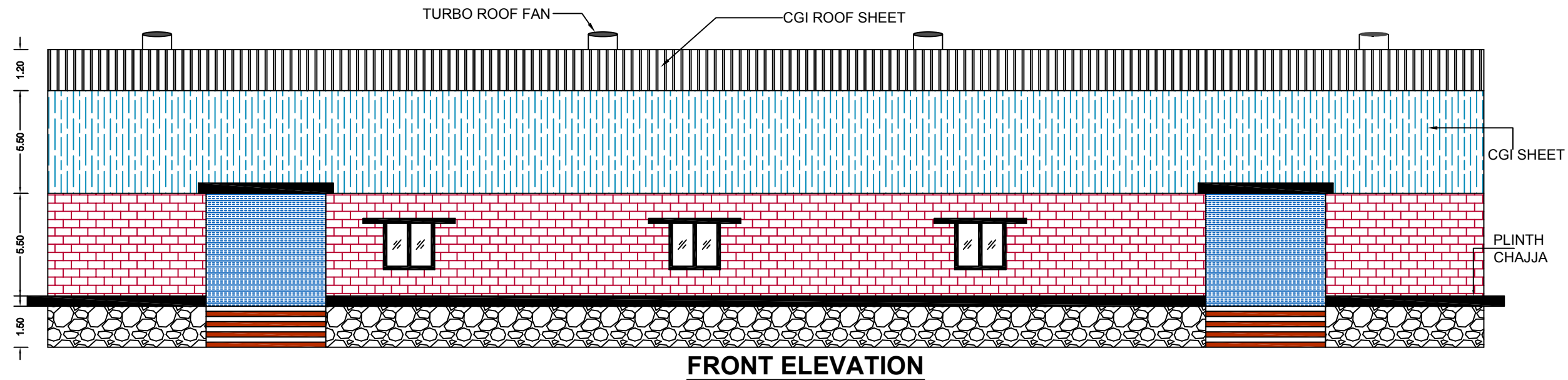
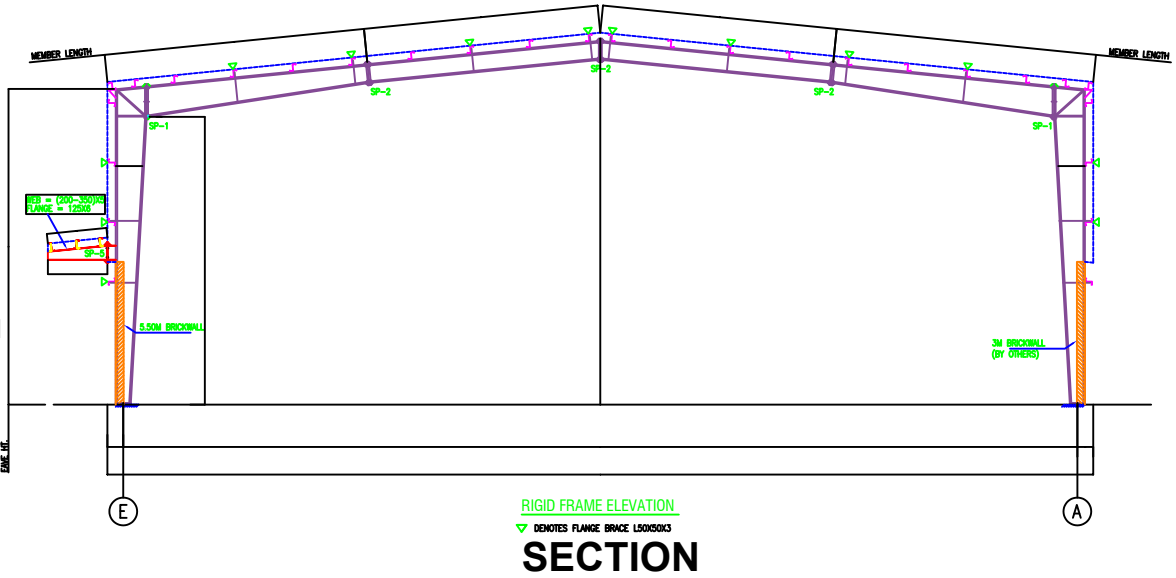
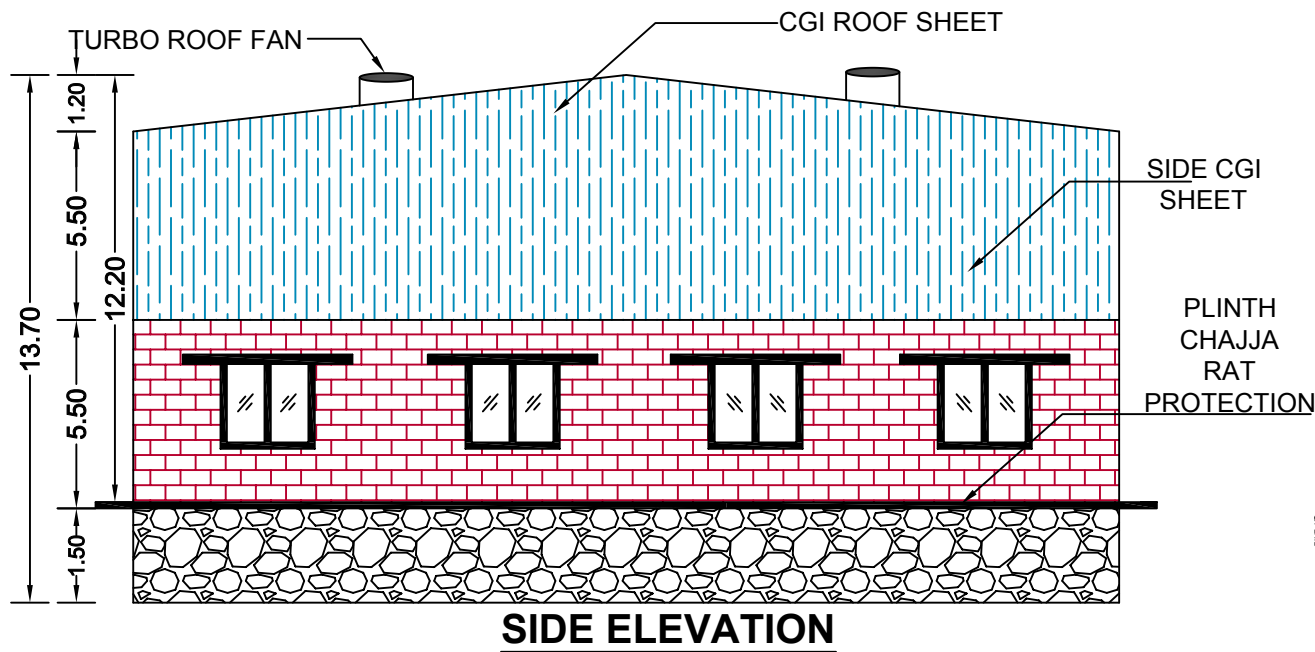
Sr.No	Item of work	Qty	Unit	Metal Above 40 mm		Metal Below 40 mm		Sand		Soft / Hard Murum		Cement		
				Rate	Qty	Rate	Qty	Rate	Qty	Rate	Qty	Rate	Qty	
13	Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in	96.52	Cum					0.32	30.89			1.58	152.50	
15	Providing internal cement plaster 12mm thick in single coat in cement mortar 1:4 without neeru finish to concrete or brick	519.07	Sqm					0.015	7.79			0.11	57.10	
16	Providing internal cement plaster 20mm thick in Single coats in cement mortar 1:4 without neeru finish, to concrete,	764.71	Sqm					0.025	19.12			0.17	130.00	
Grant Total					117.27	Cum	76.73	Cum	122.58	Cum	643.55	Cum	1133.00	Bags
Pay Load Factor for tractor					2.50		2.50		2.50		2.50			
Total Trips					46.91		30.69		49.03		257.42			
Trip Rounded					47.00		31.00		49.00		257.00		1133.00	Bags

Total Qty of Royalty For Sand 122.58 Cum 237.37 . = **29097.00**
Total Qty of Royalty For Without Sand 760.82 Cum 216.18 . = **164474.00**
Total Amount of Royalty Rs 193571.00

Name of work :- Construction of Shed for Agro Products For "Munjel Brothers Farmers Producer Company Limited at Village Bori In Gut No. 16 Tq. Ambad Dist. Jalna" Under
 मा. बाळासाहेब ठाकरे कृषि व्यवसाय व ग्रामीण परिवर्तन (स्मार्ट) प्रकल्प
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LEAD CHART

Sr. No	Name of Material	Name of Quarry	Lead in Km	Lead Charges
1	2	3	4	5
1	Rubble	Ambad	8.00	383.18
2	40 mm Metal	Ambad	8.00	300.16
3	Crushed Metal	Ambad	8.00	313.21
4	Sand	Dudhana	20.00	488.73
5	Cement	Ambad	6.00	179.59
6	Brick	Ambad	6.00	578.40
7	Steel	Ambad	6.00	179.59
8	Hard Murum	HMQ	3.00	219.98



AREA STATEMENT

TOTAL B/UP AREA (P-LINE)
33.58 X 15.70 = 527.20 SQ.M.

SCHEDULE OF OPENING

Sr. No.	Particular	No.	Size	Description
1	Window 3 TRACK	21	1.50 X 1.50	ALUMINIUM SLIDING
2	ROLLING SHUTTER	2	3.20 X 3.00	M.S. ROLLING SHUTTER
3	Turbo Fan 24"	6		Wind Operated

NAME OF APPLICANT/PRESIDENT:

Vilas Prabhakar Munjal
"Munjel Brothers Farmers Producer Company Limited at Village Bori In Gut No. 16 Tq. Ambad Dist. Jalna"

PRESIDENT'S SIGN

REFERENCES

ALL DIMENSION ARE IN METER
R.C.C. FRAMED STRUCTURE: CGI ROOF
SCALE: NTS : 1:100, 1:200, 1:500
UNLESS NOTED
SUB MISSION DRAWING

NORTH

TITLE

Construction of Shed for Agro Products For "Munjel Brothers Farmers Producer Company Limited at Village Bori In Gut No. 16 Tq. Ambad Dist. Jalna"
Under मा. बाळासाहेब ठाकरे कृषि व्यवसाय व ग्रामीण परिवर्तन (स्मार्ट) प्रकल्प
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