

# DETAILED ESTIMATE FOR

NAME OF SCHEME :- Under मा.बाळासाहेब ठाकरे कृषि व्यवसाय व ग्रामीण परिवर्तन प्रकल्प (SMART) अंतर्गत धान्य प्रतवारी सयंत्र शेड बांधकाम

NAME OF WORK :- **Proposed Estimate for Construction of Dhanya Pratwari Syantra Shed For Krushi Deep Agricultural Producer Company At.Borgaon Tq.Malegaon**

ESTIMATED COST :- **Rs. 2879564.00**  
[ IN WORDS :- Twenty Eight Lakhs Seventy Nine Thousand Five Hundred Sixty Four Rs. Only]

## State Schedule of Rates 2022-2023

Prepared By :- 0  
0  
0

**PERFECT**  
Computer, Malegaon  
9527491776

# ESTIMATE

Division :--

Sanctioned Estimate No. :--

Fund Head :-- Under मा.बाळासाहेब ठाकरे कृषि व्यवसाय व ग्रामीण परिवर्तन प्रकल्प (SMART) अंतर्गत धान्य प्रतवारी  
सयंत्र शेड बांधकाम  
Order No. Dt. / / Rs.

Major Head :--

Service Head :--

Departmental Head :--

Estimate framed in the office of the-----

of the probable expenses that will be incurred in

## **Proposed Estimate for Construction of Dhanya Pratwari Syantra Shed For Krushi Deep Agricultural Producer Company At.Borgaon Tq.Malegaon**

Rs. 2879564.00

Administratively Approved Under :-- Order No. Dt. / / Rs.

Technically Sanctioned Under :--

Estimate Prepared By :--

Estimate Checked By :--

### GENERAL DESCRIPTION

----- Separately attached -----

Prepared By

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## GENERAL - REPORT

1 Name of Work :- **Proposed Estimate for Construction of Dhanya Pratwari Syantra Shed For Krushi Deep Agricultural Producer Company At.Borgaon**

2 Estimated cost :- **Rs. 2879564.00**

3 Authority :- Under मा.बाळासाहेब ठाकरे कृषि व्यवसाय व ग्रामीण परिवर्तन प्रकल्प (SMART) अंतर्गत धान्य प्रतवारी सयंत्र शेड  
श्रीमती  
Order No. Dt. / / Rs.

4 Necessity :-

5 Provisions :- Following provisions are made in this estimate.

- 1 ] Excavation for foundation in earth, soil of all types, sand, gravel and soft murum
  - 2 ] Excavation for foundation in earth, soil of all types, sand, gravel and Hard murum
  - 3 ] Providing soling using 80 mm size trap metal in 15 cm.
  - 4 ] Providing and laying Cast in situ/Ready Mix cement concrete in M-10
  - 5 ] Providing and laying in situ /Ready Mix cement concrete M-20 RCC Footing
  - 6 ] Providing and laying in situ /Ready Mix cement concrete M-20 RCC Coloumn
  - 7 ] Providing and laying in situ /Ready Mix cement concrete M-20 RCC Beam Lintel
  - 8 ] Providing and laying in situ /Ready Mix cement concrete M-20 RCC Chajja
  - 9 ] Providing and laying in situ /Ready Mix cement concrete M-20 RCC Slab
  - 10 ] Providing and fixing in position TMT - FE - 500 bar reinforcement of various diameters
  - 12 ] Providing fly ash brick masonry in C.M. 1:6 in foundation and plinth & Supersturcture
  - 13 ] Filling in plinth and floors with contractors material
  - 14 ] Providing and laying Cast cement concrete M-15 o for coping to plinth or parapet
  - 15 ] Grill Work +Rolling Shutter
  - 16 ] Providing internal Sand Faced For Outer
  - 20 ] Providing structural steel work in trusses For Purling , Nutbolts, Plates
  - 21 ] G.I.Metacolour Sheet For Roofing & Ridge
- Information Board  
Testing of Materials-Sand, Cement, Concrete, Brick , Murum  
Royalty of Materials-Sand, Murum, Metal, 80MM Soling

6 Rates and

The rates are adopted as per **state Schedule of Rates 2022-23**  
w.e.f. 06/08/2021 (For State of Maharashtra)  
Govt. GR No. radasu-2022/letter No.12/Niyojan-3 Dt.25/7/2022

Specifications :- Work Will be executed as per standard specifications laid down by the government of Maharashtra & Time to Time instruction given by Engineer-in-Charges

Prepared By

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## GENERAL ABSTRACT

**NAME OF WORK :-**

**Proposed Estimate for Construction of Dhanya Pratwari Syantra Shed  
For Krushi Deep Agricultural Producer Company At.Borgaon  
Tq.Malegaon**

1)	Cost of Civil Work	Rs.	2432971.00
2)	Add GST 18% on Civil Work	Rs.	437935.00

**Total Rs. 2870906.00**

3)	Add Contengencies & Supervision Charges	Rs.	8658.00
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**SAY RS 2879564.00**

**2879564.00  
0.00**

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Name of work :--

**Proposed Estimate for Construction of Dhanya Pratwari Syantra Shed For Krushi Deep  
Agricultural Producer Company At.Borgaon Tq.Malegaon**

**ABSTRACT**

Sr. No. 1	Item 2	Quantity 3	Rate	Unit 5	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 Spec.No. : Bd.A.1/Page No.259 <b>Reference No: BDA 1 SSR I.No.21.02</b>	16.72	Cum	207.00	Cum 3462.00
2	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 Spec. No. : Bd.A. 2/Page No. 259 <b>SSR I.No.21.05</b>	7.78	Cum	365.00	Cum 2838.00
3	Excavation for foundation in hard murum and boulders including removing the excavated material up to a distance 50 metres, beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift upto 1.5m.) By Mechanical Means Spec. No. : Bd.A.3 Page No. 259 <b>Reference No: BDA 1 SSR I.No.21.10</b>	7.78	Cum	252.00	Cum 1960.00
4	Providing and laying Cast in situ/Ready Mix cement concrete in M-10 of trap/ granite/ quartzite/ gneiss metal for oundation and bedding including bailing out water, Steel centering, formwork,laying/pumping, compacting, ughening 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 / Crushed sand VSI Grade finely washed etc) Spec. No. : Bd.E. 1/Page No. 287 <b>Reference No: BDE 1 SSR I.No.24.01</b>	34.37	Cum	6782.55	Cum 233124.00
5	Providing and laying in situ /Ready Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal for R.C.C. work in foundationslike 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 (Natural Sand / Crushed sand VSI Grade finely washed etc) Spec.No: Bd.F.3/Page No.298& B,7,page No.38 <b>Reference No: BDF 3SSR I.No. 25.11</b>	3.04	Cum	7980.40	Cum 24240.00

## ABSTRACT

Sr. No. 1	Item 2	Quantity 3	Rate	Unit 5	Amount	
6	<p>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 (Natural Sand / Crushed sand VSI Grade finely washed etc)</p> <p>spec.No.: Bd.F.5 Page No. 300 and B.7, Page.No. 38 <b>Reference No: BDF 5 SSR I.No.25.31</b></p>	4.92	Cum	14659.40	Cum	72190.00
7	<p>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 teel). 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 / Crushed sand VSI Grade finely washed etc)</p> <p>Spec.No.: Bd.F.6 Page No. 300 and B.7, Page No.38 <b>Reference No: BDF 6 SSR I.No.25.50</b></p>	6.79	Cum	13145.40	Cum	89192.00
8	<p>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 compacting , curing , finishing 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 / Crushed sand VSI Grade finely washed etc)</p> <p>Spec.No.: Bd.F.9 Page No. 303 and B.7, Page No.38 <b>Reference No: BDF 9 SSR I.No.26.09</b></p>	4.2600	Cum	14808.40	Cum	63084.00
9	<p>Providing and laying Cast in situ/Ready Mix cement concrete M-15 of trap/ granite/quartzite/gneiss metal for coping to plinth or parapet, moulded or chamfered as per drawing or as directed including steel centering, plywood/ steel formwork compacting, roughening them if special finish is to be provided, finishing uneven and honeycombed surface and curing etc. complete. The Cement Mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only. Newly laid concrete shall be covered by gunny bag, plastic, tarpaulin etc. (Wooden centering will not be allowed.) With fine aggregate (Natural Sand / Crushed sand VSI</p> <p>Spec.No.: Bd.E. 3/Page No. 288/I.S. 456 (2000) <b>Reference No: BDE 3 SSR I.No.24.16</b></p>	0.68	Cum	7366.75	Cum	4998.00

## ABSTRACT

Sr. No. 1	Item 2	Quantity 3	Rate	Unit 5	Amount	
10	<p>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.</p> <p>Spec.No.: Bd.F.17, Page No. 306 <b>Reference No: BDF 17 SSR I.No.26.33</b></p>	2.049	M.T.	89882.60	M.T.	184199.00
11	<p>Providing fly ash brick masonry with conventional / I.S. type fly ash bricks in C.M. 1:6 in foundation and plinth including bailing out water manually striking joints, racking out joints watering and scaffolding etc. complete.</p> <p>Spec.No.: Bd.G.1/Page No.313 <b>Reference No: BDG 1 SSR I.No. 27.01</b></p>	9.84	Cum	8566.80	Cum	84332.00
12	<p>Filling in plinth and floors with approved excavated material in 15cm. to 20cm. layers including watering and compacting etc. complete.</p> <p>Spec. No. : Bd.A.10 Page No. 262 <b>Reference No: BDA 10 SSR I.No.21.36</b></p>	16.23	Cum	120.00	Cum	1948.00
13	<p>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.</p> <p>Spec. No. : Bd.A. 11/Page No. 263 <b>Reference No: BDA 11 SSR I.No.21.37</b></p>	152.63	Cum	1063.40	Cum	162301.00
14	<p>Providing preconstructional antitermite treatment as per I.S. 6313 (Part-II) by treating the top surface of plinth filling at the rate of 5 litres of emulsion concentrate at 1.0 percent of chlorophyrifos per square metre of surface area covering ten years guarantee on bond paper.</p> <p>Spec. No. : As directed by Engineer in charge. <b>Reference No: BDW SSR I.No.21.24</b></p>	203.50	Cum	108.00	Cum	21978.00
15	<p>Providing soling using 80 mm size trap metal in 15 cm. layer including filling voids with Crushed sand/grit, ramming, atering etc. complete.</p> <p>Spec.No.: As directed by Engineer in charge. <b>Reference No: BDA SSR I.No.21.40</b></p>	30.53	Cum	2116.85	Cum	64617.00
16	<p>Providing fly ash 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</p> <p>Spec.No.: Bd.G.5/Page No.315 <b>Reference No: BDG 5SSR I.No.27.05</b></p>	19.11	Cum	8753.10	Cum	167298.00
17	<p>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.</p> <p>Spec.No.: Bd.L.2/Page No.368 <b>Reference No: BDL 2A SSR I.No. 32.04</b></p>	83.10	Sqm	294.20	Sqm	24448.00
18	<p>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 1 kg per 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</p> <p>Spec.No.: Bd.L.7 Page No. 369 <b>Reference No: BDL.7SSR I.No.32.11</b></p>	144.91	Sqm	690.50	Sqm	100062.00

## ABSTRACT

Sr. No. 1	Item 2	Quantity 3	Rate	Unit 5	Amount	
19	<p>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)</p> <p>Spec.No.: BD-T-55 Page No. 510</p> <p><b>Reference No: BDT SSR I.No.39.24</b></p>	21.60	Sqm	5308.00	Sqm	114653.00
20	<p>Providing and fixing mild steel grill work for windows, ventilators etc. 20 kg/sqm as per drawing including fixtures, necessary welding and painting with one coats of anticorrosive paint and two coats of oil painting complete.</p> <p>Spec.No.: Bd.U.1 Page No. 537</p> <p><b>Reference No: BDU 1 SSR I.No.40.01</b></p>	4.00	Sqm	2097.00	Sqm	8388.00
21	<p>Providing and fixing in position Mild steel fixed staggered ( Z Type ) Ventilator as per detailed drawing with hot deep zink coating including fabricating with Mild steel 'Z 'Section of size 20mm x 25 mm and 3 mm thick at weight 1.42 Kg/Rmt,with stainless steel mosquito net of 304 Grade,4 mm thick float glass ?as directed by Engineer In charge including necessary welding, grinding, two coats of oil paint etc.complete</p> <p>Spec.No.: As directed by Engineer in charge.</p> <p><b>Reference No: BDT SSR I.No.39.77</b></p>	4.00	Sqm	3675.00	Sqm	14700.00
22	<p>Providing and fabricating structural steel work in rolled sections like joists, channels, angles, tees etc. as per detailed design and drawings or as directed including cutting, fabricating, hoisting, erecting, fixing in position making riveted / bolted /welded connections without connecting plates, braces etc. and including one coat of anticorrosive paint and over it two coats of oil painting of approved quality and shade etc. complete.</p> <p>Spec. No. As directed by Engineer in Charge.</p> <p><b>Reference No: SSR I.No.23.01</b></p>	3.9490	M.T.	102023.60	M.T.	402890.00
23	<p>Providing and fixing G.I. Precoated Metacolour Sheet of 0.50 MM Thick and 930 profile for roof including roof bolt and necessary fixing arrangement (prior approval of sample and brand by Ex.Engineer is necessary before use)</p> <p>Spec. No. As directed by Engineer in Charge.</p> <p><b>Reference No: BDT SSR I.No.39.77</b></p>	434.74	Sqm	1160.00	Sqm	504298.00
24	<p>Providing and fixing plain zinc sheeting of 0.80 mm thick (22 B.W.G.) over the ridge hip or valley to galvanized iron sheet roofing including all fastening and bolt galvanized iron screws and bolts, lead and bitumen washers etc. complete.(Weight of 6.8 kg/sq.m.).</p> <p>Spec. No. Bd.R.5, Page No. 453</p> <p><b>Reference No: SSR I.No.28.05</b></p>	19.80	Sqm	1139.00	Sqm	22552.00
25	<p>Providing &amp; Fixing TURBO VENTILATOR ... etc.</p>	4.00	No.	12000.00	No.	48000.00
				As Per Market Rate		
<b>Total</b>					<b>2432971.00</b>	

0  
0  
0

### Measurement

Sr.	Item	Nos	Length	Breath	Depth / Height	Qty	
1	2	3	4	5	6	7	
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						
	Column Pits	6 X 2 X	1.20 X	1.20 X	0.60 =	10.37	
		0 X 0 X	0.00 X	0.00 X	0.00 =	0.00	
	Ground Level Beam	1 X 2 X	18.80 X	0.35 X	0.30 =	3.95	
		1 X 2 X	11.46 X	0.35 X	0.30 =	2.41	
		5	18.50	18.50	60.68	11.00	
					36.08	<b>Total</b> 16.72 <b>Cum</b>	
2	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						
	Column Pits	6 X 2 X	1.20 X	1.20 X	0.45 =	7.78	
		0 X 0 X	0.00 X	0.00 X	0.45 =	0.00	
					<b>Total</b>	<b>7.78</b> <b>Cum</b>	
3	Excavation for foundation in hard murum and boulders including removing the excavated material up to a distance 50 metres, beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift upto 1.5m.) By Mechanical Means						
	Column Pits	6 X 2 X	1.20 X	1.20 X	0.45 =	7.78	
		0 X 0 X	0.00 X	0.00 X	0.45 =	0.00	
					<b>Total</b>	<b>7.78</b> <b>Cum</b>	
4	Providing and laying Cast in situ/Ready Mix cement concrete in M-10 of trap/ granite/ quartzite/ gneiss metal for oundation and bedding including bailing out water, Steel centering, formwork,laying/pumping, compacting, ughening 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 / Crushed sand VSI Grade finely washed etc)						
	Column Pits	6 X 2 X	1.20 X	1.20 X	0.100 =	1.73	
		0 X 0 X	0.00 X	0.00 X	0.100 =	0.00	
		1 X 2 X	18.80 X	0.35 X	0.100 =	1.32	
		1 X 2 X	11.46 X	0.35 X	0.100 =	0.80	
	<b>Below Floor Godown</b>	1 X 1 X	18.50 X	11.00 X	0.150 =	30.53	
		1 X 1 X	0.00 X	0.00 X	0.150 =	0.00	
					<b>Total</b>	<b>34.37</b> <b>Cum</b>	

## Measurement

Sr.	Item	Nos	Length	Breath	Depth / Height	Qty
1	2	3	4	5	6	7

5 Providing and laying in situ /Ready Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal for R.C.C. work in foundationslike 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

Column base	6	X	2	X	0.75	X	0.75	X	0.45	=	3.04
	0	X	0	X	0.75	X	0.75	X	0.45	=	0.00

**Total      3.04      Cum**

6 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

**For Godown**

Up to GL	=	0.95	1.50 - 0.55
GL to Plingh	=	0.90	
Plinth to GF to Lintel	=	1.50	

3.35

Up to GL	6	X	2	X	0.35	X	0.35	X	0.95	=	1.40
GL to Plinth & Plinth to Slab	6	X	2	X	0.35	X	0.35	X	2.40	=	3.53

**Total      4.925      Cum**

7 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 teel). with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc.

For Godown

**Ground Beam**

GB	1	X	2	X	18.50	X	0.23	X	0.30	=	2.55
GB	1	X	2	X	11.00	X	0.23	X	0.30	=	1.52

For Godown

**Lintel Beam**

2	X	2	X	18.50	X	0.23	X	0.10	=	1.70
2	X	2	X	11.00	X	0.23	X	0.10	=	1.01

**Total      6.785      Cum**

## Measurement

Sr. 1	Item 2	Nos 3	Length 4	Breath 5	Depth / Height 6	Qty 7	
<p>8 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 compacting , curing , finishing 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 / Crushed sand VSI Grade finely washed etc)</p> <p><b>For Godown</b></p>							
	PlinthLevel	1 X 2 X	18.50 X	0.60 X	0.100 =	2.22	
		1 X 2 X	11.00 X	0.60 X	0.100 =	1.32	
	W	1 X 12 X	1.00 X	0.60 X	0.100 =	0.72	
<b>Total</b>						<b>4.26</b>	<b>Cum</b>
<p>9 Providing and laying Cast in situ/Ready Mix cement concrete M-15 of trap/ granite/quartzite/gneiss metal for coping to plinth or parapet, moulded or chamfered as per drawing or as directed including steel centering, plywood/ steel formwork compacting, roughening them if special finish is to be provided, finishing uneven and honeycombed surface and curing etc. complete. The Cement Mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only. Newly laid concrete shall be covered by gunny bag, plastic, tarpaulin etc. (Wooden centering will not be allowed.) With fine aggregate (Natural Sand / Crushed sand VSI Grade finely washed etc)</p>							
	Godown	1 X 2 X	18.50 X	0.23 X	0.050 =	0.43	
		1 X 2 X	11.00 X	0.23 X	0.050 =	0.25	
<b>Total</b>						<b>0.68</b>	<b>Cum</b>
<p>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.</p>							
	Qty. As per ltme No.	4 =	30.53 @	12.00 Kg/cum	Only Godown Work Qty.	366.30	
	Qty. As per ltme No.	5 =	3.04 @	80.00 Kg/cum		243.00	
	Qty. As per ltme No.	6 =	4.92 @	88.00 Kg/cum		433.36	
	Qty. As per ltme No.	7 =	6.79 @	95.00 Kg/cum		644.58	
	Qty. As per ltme No.	8 =	4.26 @	85.00 Kg/cum		362.10	
	Qty. As per ltme No.	10 =	0.00 @	80.00 Kg/cum		0.00	
	2870906.00				<b>Total</b>	<b>2049.33</b>	
			2049.33 @ 1000 Kg /CUM		<b>Net Qty. =</b>	<b>2.05</b>	
						<b>Mt.</b>	
<p>11 Providing fly ash brick masonry with conventional / I.S. type fly ash bricks in C.M. 1:6 in foundation and plinth including bailing out water manually striking joints, racking out joints watering and scaffolding etc. complete.</p>							
<b>Over GL Beams</b>							
		1 X 2 X	18.50 X	0.23 X	0.60 =	5.11	
		1 X 2 X	11.00 X	0.23 X	0.60 =	3.04	
	Ramp	1 X 2 X	3.00 X	0.23 X	0.60 =	0.83	
		1 X 2 X	2.00 X	0.23 X	Avg. 0.95 =	0.87	
<b>Total</b>						<b>9.84</b>	<b>Cum</b>

## Measurement

Sr. 1	Item 2	Nos 3	Length 4	Breath 5	Depth / Height 6	Qty 7	
12 Filling in plinth and floors with approved excavated material in 15cm. to 20cm. layers including watering and compacting etc. complete.							
<b>Total Filling</b>		25.92				25.92	
	Plinth Filling	1.73	3.04	4.92	=	9.69	
Deduct Concrete Valume						16.23	
Quantity of approved materials balance for plinth filling							
<b>Total</b>						<b>16.23</b>	<b>Cum</b>
13 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.							
	Otta						
	1 X 1 X	18.50	X	11.00	X	0.75 = 152.63	
<b>Total</b>						<b>152.63</b>	<b>Cum</b>
14 Providing preconstructional antitermite treatment as per I.S. 6313 (Part-II) by treating the top surface of plinth filling at the rate of 5 litres of emulsion concentrate at 1.0 percent of chlorophyrifos per square metre of surface area covering ten years guarantee on bond paper.							
	1 X 1 X	18.50	X	11.00		= 203.50	
<b>Total</b>						<b>203.50</b>	<b>Sqm</b>
15 Providing soling using 80 mm size trap metal in 15 cm. layer including filling voids with Crushed sand/grit, ramming, atering etc. complete.							
	1 X 1 X	18.50	X	11.00	X	0.15 = 30.53	
<b>Total</b>						<b>30.53</b>	<b>Cum</b>
16 Providing fly ash 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							
Godown	1 X 2 X	18.50	X	0.23	X	1.50 = 12.77	
	1 X 2 X	11.00	X	0.23	X	1.50 = 7.59	
						<b>20.36</b>	
<b>Deduction (-)</b>							
Deduct Shutter	1 X 1 X	3.60	X	0.23	X	1.50 = 1.24	
Deduct Shutter	1 X 0 X	3.00	X	0.23	X	1.50 = 0.00	
V	1 X 0 X	1.00	X	0.23	X	0.60 = 0.00	
<b>Net Qty.</b>						<b>19.11</b>	<b>Sqm</b>
17 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.							
Godown	1 X 2 X	18.50	X	1.50		= 55.50	
	1 X 2 X	11.00	X	1.50		= 33.00	
<b>Total</b>						<b>88.50</b>	

## Measurement

Sr. 1	Item 2	Nos 3	Length 4	Breath 5	Depth / Height 6	Qty 7	
Deduction							
	Deduct Shutter	1 X 1 X	3.60 X	1.50		= 5.40	
	Deduct Shutter	1 X 0 X	3.00 X	1.50		= 0.00	
	V	1 X 0 X	1.00 X	0.60		= 0.00	
<b>Total =</b>						<b>5.40</b>	
<b>Total =</b>						<b>83.10</b>	<b>Sqm</b>
18	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 1 kg per 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.						
<b>Godown</b>							
	Front & Back Side	1 X 2 X	18.96 X	2.40		= 91.01	
		1 X 2 X	11.23 X	2.40		= 53.90	
	Deduct Shutter	-1 X 2 X	3.60 X	2.40		= 0.00	
	Deduct Shutter	-1 X 0 X	0.00 X	0.00		= 0.00	
	V	-1 X 0 X	1.00 X	0.60		= 0.00	
<b>Total =</b>						<b>144.91</b>	<b>Sqm</b>
19	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						
		1 X 2 X	3.60 X	3.00		= 21.60	
		1 X 0 X	0.00 X	0.00		= 0.00	
<b>Total =</b>						<b>21.60</b>	<b>Sqm</b>
20	Providing and fixing mild steel grill work for windows, ventilators etc. 20 kg/sqm as per drawing including fixtures, necessary welding and painting with one coats of anticorrosive paint and two coats of oil painting complete.						
		1 X 4 X	1.00 X	1.00		= 4.00	
<b>Total =</b>						<b>4.00</b>	<b>Sqm</b>
21	Providing and fixing in position Mild steel fixed staggered ( Z Type ) Ventilator as per detailed drawing with hot deep zink coating including fabricating with Mild steel 'Z 'Section of size 20mm x 25 mm and 3 mm thick at weight 1.42 Kg/Rmt,with stainless steel mosquito net of 304 Grade,4 mm thick float glass ?as directed by Engineer In charge including necessary welding, grinding, two coats of oil paint etc.complete						
	V	1 X 4 X	1.00 X	1.00		= 4.00	
<b>Total =</b>						<b>4.00</b>	<b>Sqm</b>

## Measurement

Sr. 1	Item 2	Nos 3	Length 4	Breath 5	Depth / Height 6	Qty 7
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22 Providing and fabricating structural steel work in rolled sections like joists, channels, angles, tees etc. as per detailed design and drawings or as directed including cutting, fabricating, hoisting, erecting, fixing in position making riveted / bolted /welded connections without connecting plates, braces etc. and including one coat of anticorrosive paint and over it two coats of oil painting of approved quality and shade etc. complete.

<b>6</b>	<b>11.00</b>	<b>62</b>	<b>18.96</b>	<b>36.08</b>
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1) Pipe For Post **110 mmØ post(5mm th.)**

1 X 6 X 2 X 4.00 = 48.00 Rmt

Total 48.00 @ **14.50** Kg/Rmt = **696.00**

2) Truss

Angle	1 X	1 X	6 X	16.50 =	99.00 Rmt
	1 X	1 X	6 X	11.60 =	69.60 Rmt
Strut	1 X	3 X	6 X	1.50 =	27.00 Rmt
	1 X	3 X	6 X	1.20 =	21.60 Rmt
	1 X	3 X	6 X	1.00 =	18.00 Rmt
	1 X	3 X	6 X	0.90 =	16.20 Rmt
	1 X	3 X	6 X	0.80 =	14.40 Rmt
	1 X	3 X	6 X	0.75 =	13.50 Rmt
	1 X	3 X	6 X	1.00 =	18.00 Rmt

Total 297.30 @ 4.50 Kg/Rmt = 1337.85

3) Purlin

ISMC 75x40x4.8 1 X 1 X 11 X 18.96 = 208.6 Rmt

Total 208.56 @ 7.40 Kg/Rmt = 1543.34

4) Plates

12mm th. 12 X 2 X 0.35 X 0.35 = 2.94 sqm

Total 2.94 @ 94.20 Kg/Rmt = 276.95

5) Nut-bolts box

20mm Ø bar 24 X 8 X 0.20 = 38.4 Rmt

Total 38.40 @ 2.47 Kg/Rmt = 94.85

**Total 3948.99 Kgs**

**Net Qty. 3.949 M.T.**

23 Providing and fixing G.I. Precoated Metacolor Sheet of 0.50 MM Thick and 930 profile for roof including roof bolt and necessary fixing arrangement (prior approval of sample and brand by Ex.Engineer is necessary before use)

	1 X	1 X	16.50 X	18.96	= 312.84
Side Wall	1 X	2 X	18.50 X	2.50	= 92.50
	1 X	2 X	11.00 X	2.50	= 55.00
Deduct Shutter	-1 X	2 X	3.60 X	3.00	= -21.60
W	-1 X	4 X	1.00 X	1.00	= -4.00

**Total = 434.74 Sqm**



Name of Work :-

**Proposed Estimate for Construction of Dhanya Pratwari Syantra Shed  
For Krushi Deep Agricultural Producer Company At.Borgaon**

**ROYALTY STATEMENT**

Item of Work	Quantity	Rate of Consumption	Unit	Qty.	Rate	Amount
2	3	4		4	5	6
80MM Soling	30.53	1.000	Cum	30.53	216.25	6601
80MM Soling(Sand)	30.53	0.150	Cum	4.58	237.45	1087
MurumFilling	16.23	1.000	Cum	16.23	216.25	3510
M-10 (Sand)	34.37	0.470	Cum	16.15	237.45	3836
M-10 (Metal)	34.37	0.940	Cum	32.31	237.45	7672
M-20 (Sand)	19.01	0.425	Cum	8.08	237.45	1918
Fly Ash Masonary (Sand)	28.96	0.320	Cum	9.27	237.45	2200
Fly Ash Masonary (Sand) Half Brick	0.00	0.000	Cum	0.00	237.45	0
6MM Plaster (Sand)	83.10	0.0000	Cum	0.00	237.45	0
12MM Plaster(Sand)	83.10	0.015	Cum	1.25	237.45	296
Sand Faced Plaster (Sand)	144.91	0.033	Cum	4.78	237.45	1136
Shahbad stone	0.00	0.022	Cum	0.00	237.45	0
<b>Total</b>				<b>71.84</b>		<b>28256.00</b>

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Name of work :--

**Proposed Estimate for Construction of Dhanya Pratwari Syantra Shed For Krushi Deep Agricultural Producer Company At.Borgaon Tq.Malegaon**

**Lead Statement**

Sr. No.	Materials	Source of Supply	Lead for	Converts Lead Charges	Royalty Charges	Total	Unit	Remarks
			Lead (KM)					
1	2	3	4	5	6	7	8	9
1	<b>80/40 MM metal</b>	Chaka	11	343.78	0	343.78	Cum	
2	<b>80MM Soling</b>	Chaka	11	438.87		438.87	Cum	
3	<b>Crusher Metal</b>	Chaka	11	358.73		358.73	Cum	
4	<b>Hard /Soft Murur</b>	Local	6	268.39		268.39	Cum	
5	<b>Sand</b>	Talani	96	1493.24		1493.24	Cum	
6	<b>Cement</b>	Malegaon	6	179.59		179.59	M.T. Bag	
7	<b>Steel</b>	Malegaon	6	179.59		179.59		
8	<b>Paver/Tiles</b>	Malegaon	6	17.96		17.96	M.T. Qtl.	
9	<b>Rubble</b>	Chaka	11	438.87		438.87	Cum	
10	<b>Brick</b>	Balapur	66	2496.65		0.00	Cum	
					1190.78	No.		

CERTIFICATE

- 1 This is to certify that the lead shown above is by shorest route according to my knowledge .
- 2 This is to certify that the quarries provides good and sufficient quantity of material

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Name of work :-

**Proposed Estimate for Construction of Dhanya Pratwari Syantra Shed For Krushi Deep  
Agricultural Producer Company At.Borgaon Tq.Malegaon  
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

**Rate as per PWD SSR 2022-2023** SSR I.No.21.02 Rs. 207.00

**Total** Rs. 207.00

- 2 ] 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

**Rate as per PWD SSR 2022-2023** SSR I.No.21.05 Rs. 365.00

**Total** Rs. 365.00

- 3 ] Excavation for foundation in hard murum and boulders including removing the excavated material up to a distance 50 metres, beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift upto 1.5m.) By Mechanical Means

**Rate as per PWD SSR 2022-2023** SSR I.No.21.10 Rs. 252.00

**Total** Rs. 252.00

- 4 ] Providing and laying Cast in situ/Ready Mix cement concrete in M-10 of trap/ granite/ quartzite/ gneiss metal for oundation and bedding including bailing out water, Steel centering, formwork,laying/pumping, compacting, ughening 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 / Crushed sand VSI Grade finely washed etc)

**Rate as per PWD SSR 2022-2023** SSR I.No.24.01 Rs. 5830.00

(-)SCADA in Basic Rate as per SSR Section-B Instruction (No.XXI) Rs. -126.00

Add carting

Hand broken Metal 0.94 Cum @ 358.73 / Cum = Rs. 337.21

Sand 0.470 Cum @ 1493.24 / Cum = Rs. 701.82

Cement 4.40 Bags @ 8.98 / Bag = Rs. 39.51

**Total** Rs. 6782.54

**Say Rs. 6782.55**

- 5 ] Providing and laying in situ /Ready Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal for R.C.C. work in foundationslike 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 (Natural Sand / Crushed sand VSI Grade finely washed etc)

**Rate as per PWD SSR 2022-2023** SSR I.No.25.11 Rs. 7104.00

(-)SCADA in Basic Rate as per SSR Section-B Instruction (No.XXI) Rs. -126.00

Add carting

Metal crusher 0.85 Cum @ 358.73 / Cum = Rs. 304.92

Sand 0.425 Cum @ 1493.24 / Cum = Rs. 634.63

Cement 7.00 Bags @ 8.98 / Bag = Rs. 62.86

**Total** Rs. 7980.40

**Say Rs. 7980.40**

### Rate Analysis

- 6 ] 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 (Natural Sand / Crushed sand VSI Grade finely washed etc)

**Rate as per PWD SSR 2022-2023** SSR I.No.25.31 Rs. 13783.00

(-)SCADA in Basic Rate as per SSR Section-B Instruction (No.XXI) Rs. -126.00

Add carting

Metal	0.85 Cum	@	358.73 / Cum	=	Rs.	304.92
Sand	0.425 Cum	@	1493.24 / Cum	=	Rs.	634.63
Cement	7.00 Bags	@	8.98 / Bag	=	Rs.	62.86

**Total** Rs. 14659.40

**Say Rs. 14659.40**

- 7 ] 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 (Natural Sand / Crushed sand VSI Grade finely washed etc)

**Rate as per PWD SSR 2022-2023** SSR I.No.25.50 Rs. 12269.00

(-)SCADA in Basic Rate as per SSR Section-B Instruction (No.XXI) Rs. -126.00

Add carting

Metal crusher	0.85 Cum	@	358.73 / Cum	=	Rs.	304.92
Sand	0.425 Cum	@	1493.24 / Cum	=	Rs.	634.63
Cement	7.00 Bags	@	8.98 / Bag	=	Rs.	62.86

**Total** Rs. 13145.40

**Say Rs. 13145.40**

- 8 ] 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 compacting , curing , finishing 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 / Crushed sand VSI Grade finely washed etc)

**Rate as per PWD SSR 2022-2023** SSR I.No.26.05 Rs. 13932.00

(-)SCADA in Basic Rate as per SSR Section-B Instruction (No.XXI) Rs. -126.00

Add carting

Crusher Metal	0.85 Cum	@	358.73 / Cum	=	Rs.	304.92
Sand	0.425 Cum	@	1493.24 / Cum	=	Rs.	634.63
Cement	7.00 Bags	@	8.98 / Bag	=	Rs.	62.86

**Total** Rs. 14808.40

**Say Rs. 14808.40**

- 9 ] Providing and laying Cast in situ/Ready Mix cement concrete M-15 of trap/ granite/quartzite/gneiss metal for coping to plinth or parapet, moulded or chamfered as per drawing or as directed including steel centering, plywood/ steel formwork compacting, roughening them if special finish is to be provided, finishing uneven and honeycombed surface and curing etc. complete. The Cement Mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only. Newly laid concrete shall be covered by gunny bag, plastic, tarpaulin etc. (Wooden

**Rate as per PWD SSR 2022-2023** SSR I.No.24.16 Rs. 6359.00

(-)SCADA in Basic Rate as per SSR Section-B Instruction (No.XXI) Rs. 0.00

Add carting

Metal crusher	0.89 Cum	@	358.73 / Cum	=	Rs.	319.27
Sand	0.425 Cum	@	1493.24 / Cum	=	Rs.	634.63
Cement	6.00 Bags	@	8.98 / Bag	=	Rs.	53.88

**Total** Rs. 7366.77

**Say Rs. 7366.75**

## 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

**Rate as per PWD SSR 2022-2023** SSR I.No. Rs. 89703.00

Add carting

Steel 1.00 MT @ 179.59 / Bag = Rs. 179.59

**Total** Rs. 89882.59

**Say Rs. 89882.60**

- 11 ] Providing fly ash brick masonry with conventional / I.S. type fly ash bricks in C.M. 1:6 in foundation and plinth including bailing out water manually striking joints, racking out joints watering and scaffolding etc. complete.

**Rate as per PWD SSR 2022-2023** SSR I.No.27.12 Rs. 6884.00

Add carting

Bricks 1.00 Cum @ 1190.78 / Cum = Rs. 1190.78

Sand 0.32 Cum @ 1493.24 / Cum = Rs. 477.84

Cement 1.58 Bags @ 8.98 / Bag = Rs. 14.19

**Total** Rs. 8566.81

**Say Rs. 8566.80**

- 12 ] Filling in plinth and floors with approved excavated material in 15cm. to 20cm. layers including watering and compacting etc. complete.

**Rate as per PWD SSR 2022-2023** SSR I.No.21.36 Rs. 120.00

**Total** Rs. 120.00

**Say Rs. 120.00**

- 13 ] 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.

**Rate as per PWD SSR 2022-2023** SSR I.No.21.37 Rs. 795.00

Add carting

Murum 1.00 Cum @ 268.39 / Bag = Rs. 268.39

**Total** Rs. 1063.39

**Say Rs. 1063.40**

- 14 ] Providing preconstructional antitermite treatment as per I.S. 6313 (Part-II) by treating the top surface of plinth filling at the rate of 5 litres of emulsion concentrate at 1.0 percent of chlorohvifos per square metre of surface area covering ten years guarantee on bond

**Rate as per PWD SSR 2022-2023** SSR I.No.21.24 Rs. 108.00

**Total** Rs. 108.00

**Say Rs. 108.00**

- 15 ] Providing soling using 80 mm size trap metal in 15 cm. layer including filling voids with Crushed sand/grit, ramming, atering etc. complete.

**Rate as per PWD SSR 2022-2023** SSR I.No.21.4 Rs. 1454.00

Add carting

80mm 1.00 Cum @ 438.87 / Cum = Rs. 438.87

Sand 0.15 Cum @ 1493.24 / Cum = Rs. 223.99

**Total** Rs. 2116.86

**Say Rs. 2116.85**

- 16 ] Providing fly ash 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

**Rate as per PWD SSR 2022-2023** SSR I.No.27.13 Rs. 7106.00

Add carting

Bricks 0.97 Cum @ 1190.78 / Cum = Rs. 1155.06

Sand 0.32 Cum @ 1493.24 / Cum = Rs. 477.84

Cement 1.58 Bags @ 8.98 / Bag = Rs. 14.19

**Total** Rs. 8753.08

**Say Rs. 8753.10**

## Rate Analysis

- 17 ] 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.

**Rate as per PWD SSR 2022-2023** SSR I.No.32.03 Rs. 271.00

Add carting

Sand 0.015 Cum @ 1493.24 / Cum = Rs. 22.40

Cement 0.09 Bags @ 8.98 / Bag = Rs. 0.81

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Total Rs. 294.21

**Say Rs. 294.20**

- 18 ] 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 1 kg per 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.

**Rate as per PWD SSR 2022-2023** SSR I.No.32.11 Rs. 639.00

Add carting

Sand 0.033 Cum @ 1493.24 / Cum = Rs. 49.28

Cement 0.25 Bags @ 8.98 / Bag = Rs. 2.24

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Total Rs. 690.52

**Say Rs. 690.50**

- 19 ] 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 ...)

**Rate as per PWD SSR 2022-2023** SSR I.No.39.25 Rs. 5308.00

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Total Rs. 5308.00

- 20 ] Providing and fixing mild steel grill work for windows, ventilators etc. 20 kg/sqm as per drawing including fixtures, necessary welding and painting with one coats of anticorrosive paint and two coats of oil painting complete.

**Rate as per PWD SSR 2022-2023** SSR I.No.40.01 Rs. 2097.00

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Total Rs. 2097.00

- 21 ] Providing and fixing in position Mild steel fixed staggered ( Z Type ) Ventilator as per detailed drawing with hot deep zink coating including fabricating with Mild steel 'Z' Section of size 20mm x 25 mm and 3 mm thick at weight 1.42 Kg/Rmt,with stainless steel mosquito net of 304 Grade,4 mm thick float glass ?as directed by Engineer In charge including necessary welding, grinding, two coats of oil paint etc.complete

**Rate as per PWD SSR 2022-2023** SSR I.No.39.77 Rs. 3675.00

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Total Rs. 3675.00

- 22 ] Providing and fabricating structural steel work in rolled sections like joists, channels, angles, tees etc. as per detailed design and drawings or as directed including cutting, fabricating, hoisting, erecting, fixing in position making riveted / bolted /welded connections without connecting plates, braces etc. and including one coat of anticorrosive paint and over it two coats of oil painting of approved

**Rate as per PWD SSR 2022-2023** SSR I.No.23.01 Rs. 101844.00

Add carting

Steel 1.00 MT @ 179.59 / M.T. = Rs. 179.59

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Total Rs. 102023.59

**Say Rs. 102023.60**

**Rate Analysis**

23 ] Providing and fixing G.I. Precoated Metacolour Sheet of 0.50 MM Thick and 930 profile for roof including roof bolt and necessary fixing arrangement (prior approval of sample and brand by Ex.Engineer is necessary befor use)

**Rate as per PWD SSR 2022-2023** SSR I.No.38.04 Rs. 1160.00

**Total Rs. 1160.00**

24 ] Providing and fixing plain zinc sheeting of 0.80 mm thick (22 B.W.G.) over the ridge hip or valley to galvanized iron sheet roofing including all fastening and bolt galvanised iron screws and bolts, lead and bitumen washers etc. complete.(Weight of 6.8 kg/sq m )

**Rate as per PWD SSR 2022-2023** SSR I.No.38.05 Rs. 1139.00

**Total Rs. 1139.00**

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0	0
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Name of Work :-

**Proposed Estimate for Construction of Dhanya Pratwari Syantra Shed For Krushi Deep  
Agricultural Producer Company At.Borgaon Tq.Malegaon**

**DRAWING**

