



## **DETAILED ESTIMATE**

**Year 2022-23**

**For**

**-: NAME OF WORK :-**

**Construction of Tin Shade to Aata Plant For  
Jayanant Farmer Producer Company Lmted. At.  
Navali Tq. Risod Dist. Washim**

**Rs. 894500**

**"ESTIMATE"**

Division : Z.P. Works, Division,  
Degalur

Sanctioned Estimate No. :

Fund Head :

Major Head :

Minor Head :

Service Head :

Departmental Head :



Estimate framed in the Office of Civil Engineer  
the probable expenses that will be incurred in  
**Construction of Tin Shade to Aata Plant For Jayanant Farmer Producer Company Lmtd. At  
Navali Tq. Risod Dist.Washim**

**Year 2022-23**

**Rs. 894500**

Administratively Approved Under

2021-22

Technically Sanctioned under

2022-23

No. Dated

Estimate Prepared by Shri.

And Checked by  
(Call or Authority)

**"GENERAL DESCRIPTION"**  
**Attached Separately**

Civil Engg. & Govt. Contractor  
Regd.No. -479 / 2019 (बांधकाम विभाग)

## GENERAL REPORT

कामाचे नाव : Construction of Tin Shade to Aata Plant For Jayanant Farmer Producer Company Lmt. At. Navali Tq. Risod Dist. Washim

अंदाजित किंमत : ८९४५००

अधिकार : Year २०२२-२३

आवश्यकता : There is not have a Shade for Tools Bank . It requirs Construct. TheTeen Shade work is sanction under २०२१-२२. To meet the need Estimate is prepared.

तरतूद :

- १ सदर अंदाजपत्रकामध्ये पुढीलप्रमाणे तरतूदी घेण्यात आल्या आहेत.
- १ excavation for foundation in Soft & Hard Murum
- २ Providing & Laying M-१० Bed
- ३ Providing & Laying C.C. M-२० For ,olumns & Beam
- ४ Brickwork In Foundation
- ५ Waterproof Cement paint to external surface
- ६ Providing Fixing Hollow Circuler Pipe & G.I.Sheet

दर व मोजमापे : अंदाजपत्रक तयार करण्याकरीता सा.बां. विभागाचे सन २०२१-२२ (दि. ०६/०८/२०२१ पासून लागू असलेली) च्या दरसूचीनुसार दर घेण्यात आलेले आहेत. सदर काम हे शासनाद्वारे मंजूर व वेळोवेळी सुधारणा करण्यात आलेल्या विनिर्देशनाप्रमाणे करण्यात येईल.



Malendra Purushottam Pedge  
Civil Engg. & Govt. Contractor  
Regd.No. -479 / 2019 (बांधकाम विभाग)

**Construction of Tin Shade to Aata Plant For Jayanant Farmer Producer Company Lmtd.  
At. Navali Tq. Risod Dist.Washim**

**Year 2022-23**



**GENERAL ABSTRACT**

| Sr. No. | Particular                | Amount              |
|---------|---------------------------|---------------------|
| 1       | Cost of Estimate          | Rs. 781607.84       |
|         |                           | <hr/>               |
|         |                           | Rs. 781607.84       |
| 2       | Add for Royalty Charges   | Rs. 9297.89         |
| 3       | Add for Testing Charges   | Rs. 2070.00         |
| 4       | Add for Contiengencies 1% | Rs. 7731.08         |
| 5       | Add 12 % For GST          | 93792.94            |
|         |                           | Total Rs. 894499.75 |
|         |                           | Say Rs. 894500      |

Mahendra Purushottam Padgham  
Civil Engg. & Govt. Contractor  
Regd.No. -479 / 2019 (वांधकाम विभाग)

**Construction of Tin Shade to Aata Plant For Jayanant Farmer Producer Company Lmtd. At. Navali Tq. Risod Dist.Washim**

**Year 2022-23**

**"ABSTRACT"**

| Quantity | Item of work   | Rate     | Unit. | Amount    |
|----------|--|----------|-------|-----------|
| 2.92     | Cum Item No. 1:-Excavation for foundation in earth, soils of all types, sand, gravel, soft murum including shoring and strutting, dewatering as necessary and disposing off excavated stuff as directed etc. complete. [Spe.No. : Bd.A.2 Page No. 259 ] ( S.S.R.2021-22 I.No.21.02 P.No. 148 )   | 193.00   | Cum   | 562.79    |
| 29.18    | Cum Item No.2 :-Providing soling using 80 mm size trap metal in 15 cm. layer including filling voids with Crushed sand/grit, ramming, watering etc. complete. . As directed by Engineer in charge. SSR 2021-22 I No 21.40 P No.205   | 1322.00  | Cum   | 38579.00  |
| 23.952   | Cum Item No. 3 : Providing and laying Cast in situ/Ready Mix cement concrete in M-10 of trap/ granite/ quartzite/ gneiss metal for foundation and bedding including bailing out water, Steel centering, formwork, laying/pumping, compacting, roughening them if special finish is to be provided, finishing if required and curing complete, with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Natural Sand / Crushed sand VSI Grade finely washed etc) [Spec.No. :Bd. E. 1 Page No. 287] (SSR 2021-22 I.No. 24.01 Page No.169)   | 5538.00  | Cum   | 132648.00 |
| 8.131    | Cum Item No. 4 :-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 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 natural sand/V.S. quality Artificial Sand [Spe.No. : Bd.F.6 Page No.300 And B.7 Page No.38/ ] ( S.S.R. 2021-22 I.No.25.50 P.No. 175 ) | 11483.00 | Cum   | 93363.00  |
| 15.300   | Sqm Item No. 5 :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. Bd.L.7 Page No. 369 SSR 2021-22 I.No. 32.11 P.No.201  | 599.00   | Sqm   | 9165.00   |

## "ABSTRACT"

| Quantity | Item of work  | Rate      | Unit. | Amount    |
|----------|---|-----------|-------|-----------|
| 0.00     | Sqm Item No.6 :Providing and applying three coats of water proof cement paint of approved manufacture and of approved colour to new plastered surfaces including scaffolding if necessary, cleaning and preparing the surface, watering for two days etc. complete. As directed by Engineer- in-charge. Spec.No.: Bd.O.8/Page No.406 SSR 2021-22 I.No. 35.15 P.No. 216  | 97.00     | Sqm   | 0.00      |
| 0.619    | MT Item No. 7 :-Providing structural steel work in hollow section of various thickness and sizes in square, rectangular and round shape from 25mm to 450mm section as per IS 4923 YST 310 Grade produced from iron ore and blast furnace route etc. as per detailed designs and drawing or as directed including cutting, fabricating, hoisting, erecting, fixing in position, making riveted/bolted/ welded connections and painting complete..[Spec. No. As directed byEngineer in Charge.] (S.S.R.2021-22 I.No.23.12P.No.168)  | 101994.00 | MT    | 63179.16  |
| 1.61     | MT Item No. 8 :-Providing and fabricating structural steel work in rolled sections, fixed with connecting plates or angle cleats in main and cross beams, hip and jack rafters, purlins connecting to truss members and the like, as per detailed designs and drawing or as directed including cutting, fabricating, hoisting, erecting, fixing in position, making riveted/ bolted/ welded connections and one coat of anticorrosive paint and over it two coats of oil painting of approved quality and shade etc. complete.[Bd.C.2 Page No. 275] (S.S.R. 2021-22 I.No.23.01 P.No167) | 89181.00  | MT    | 143420.88 |
| 303.75   | Sqm Item No. 9 : Providing and fixing corrugated galvanised iron sheets of 0.63mm thick (24 B.W.G.) for roofing without wind tiles including fastening with galvanised iron screws and bolts, lead and bitumen washers as per drawing etc. complete.(Weight of 5.5 kg/sq.m.). Spec No. [Bd.R.5, Page No. 453] (S.S.R. 2021-22 I.No. 38.04 P.No224)  | 816.00    | Sqm   | 247860.00 |
| 0.691    | MT Item No. 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. Bd.F.17, Page No. 306 SSR 2021-22 I.No. 26.33 P.No. 182  | 71778.00  | MT    | 49605.00  |

## "ABSTRACT"

| Quantity | Item of work  | Rate             | Unit. | Amount           |
|----------|---|------------------|-------|------------------|
| 1.00     | No. Item No.11 : 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 per Rate Analysis | 3225.00          | No.   | 3225.00          |
|          |   | <b>Total Rs.</b> |       | <b>781607.84</b> |



*Signature*

Civil Engg. & Govt. Contractor  
Regd.No. -479/2019 (बांधकाम विभाग)

MEASUREMENT



| Item of work | No. | L. | B. | D. | Quantity |
|--------------|-----|----|----|----|----------|
|--------------|-----|----|----|----|----------|

Item No. 1:-Excavation for foundation in earth, soils of all types, sand, gravel, soft murum including shoring and strutting, dewatering as necessary and disposing off excavated stuff as directed etc. complete. [Spe.No. : Bd.A.2 Page No. 259 ] ( S.S.R.2021-22 I.No.21.02 P.No. 148 )

|         |    |      |      |      |                  |
|---------|----|------|------|------|------------------|
| Columns | 16 | 0.45 | 0.45 | 0.90 | 2.916            |
|         |    |      |      |      | <b>2.916 Cum</b> |

Item No.2 :-Providing soling using 80 mm size trap metal in 15 cm. layer including filling voids with Crushed sand/grit, ramming, watering etc. complete. . As directed by Engineer in charge. SSR 2021-22 I No 21.40 P No.205

|       |    |       |      |      |                   |
|-------|----|-------|------|------|-------------------|
| Floor | 16 | 0.45  | 0.45 | 0.15 | 0.486             |
|       | 1  | 15.04 | 9.54 | 0.20 | 28.696            |
|       |    |       |      |      | <b>29.182 Cum</b> |

Item No. 3 : Providing and laying Cast in situ/Ready Mix cement concrete in M-10 of trap/ granite/ quartzite/ gneiss metal for foundation and bedding including bailing out water, Steel centering, formwork, laying/pumping, compacting, roughening them if special finish is to be provided, finishing if required and curing complete, with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Natural Sand / Crushed sand VSI Grade finely washed etc) [Spec.No. :Bd. E. 1 Page No. 287] (SSR 2021-22 I.No. 24.01 Page No.169)

|                  |    |       |      |      |                   |
|------------------|----|-------|------|------|-------------------|
| For Fixing Poles | 16 | 0.45  | 0.45 | 0.75 | 2.430             |
| Floor            | 1  | 15.04 | 9.54 | 0.15 | 21.522            |
|                  |    |       |      |      | <b>23.952 Cum</b> |

Item No. 4 :-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 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 natural sand/V.S.I. quality Artificial Sand [Spe.No. : Bd.F.6 Page No.300 And B.7 Page No.38/ ] ( S.S.R. 2021-22 I.No.25.50 P.No. 175 )

|             |   |        |      |      |                 |
|-------------|---|--------|------|------|-----------------|
| Ground Beam | 2 | 15.500 | 0.23 | 0.35 | 2.50            |
|             | 7 | 10.000 | 0.23 | 0.35 | 5.64            |
|             |   |        |      |      | <b>8.13 Cum</b> |

Item No. 5 :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. Bd.L.7 Page No. 369 SSR 2021-22 I.No. 32.11 P.No.201

|  |   |       |      |  |                   |
|--|---|-------|------|--|-------------------|
|  | 2 | 15.50 | 0.30 |  | 9.300             |
|  | 2 | 10.00 | 0.30 |  | 6.000             |
|  |   |       |      |  | <b>15.300 Sqm</b> |

Item No. 6 :Providing and applying three coats of water proof cement paint of approved manufacture and of approved colour to new plastered surfaces including scaffolding if necessary, cleaning and preparing the surface, watering for two days etc. complete. As directed by Engineer- in-charge. Spec.No.: Bd.O.8/Page No.406 SSR 2021-22 I.No. 35.15 P.No. 216

|                      |  |  |  |  |                  |
|----------------------|--|--|--|--|------------------|
| As per Qty. I.No. 11 |  |  |  |  | <b>0.000 Sqm</b> |
|----------------------|--|--|--|--|------------------|

## MEASUREMENT

| Item of work | No. | L. | B. | D. | Quantity |
|--------------|-----|----|----|----|----------|
|--------------|-----|----|----|----|----------|

Item No. 7 :-Providing structural steel work in hollow section of various thickness and sizes in square, rectangular and round shape from 25mm to 450mm section as per IS 4923 YST 310 Grade produced from iron ore and blast furnace route etc. as per detailed designs and drawing or as directed including cutting, fabricating, hoisting, erecting, fixing in position, making riveted/bolted/ welded connections and painting complete..[Spec. No. As directed by Engineer in Charge.] (S.S.R.2021-22 I.No.23.12P.No.168)

|                                      |    |          |  |  |                   |
|--------------------------------------|----|----------|--|--|-------------------|
| Hallow Circular Pipe Strut 90 mm dia | 16 | 4.45     |  |  | 71.200            |
|                                      |    | 8.7 kg/m |  |  | <b>619.440 kg</b> |
|                                      |    |          |  |  | <b>0.619 MT</b>   |

Item No. 8 :-Providing and fabricating structural steel work in rolled sections, fixed with connecting plates or angle cleats in main and cross beams, hip and jack rafters, purlins connecting to truss members and the like, as per detailed designs and drawing or as directed including cutting, fabricating, hoisting, erecting, fixing in position, making riveted/ bolted/ welded connections and one coat of anticorrosive paint and over it two coats of oil painting of approved quality and shade etc. complete.[Bd.C.2 Page No. 275] (S.S.R. 2021-22 I.No.23.01 P.No167)

|                            |    |          |  |                     |                    |
|----------------------------|----|----------|--|---------------------|--------------------|
| Purline Angles 40x40x5mm   | 18 | 11.00    |  |                     | 198.000 Rmt        |
|                            |    | 3 kg/rmt |  |                     | <b>594.000 kg</b>  |
| Truss Angle 45x45x6mm      | 14 | 15.50    |  |                     | 217.000 Rmt        |
|                            |    | 4 kg/Rmt |  |                     | <b>217.000 Rmt</b> |
|                            |    |          |  |                     | <b>868.000</b>     |
|                            |    |          |  | <b>Total Weight</b> | <b>1462.000 kg</b> |
| Add 10 % Extra for Westage |    |          |  |                     | <b>146.200 kg</b>  |
|                            |    |          |  |                     | <b>1608.200 kg</b> |
|                            |    |          |  | <b>Total</b>        | <b>1.608 MT</b>    |

Item No. 9 : Providing and fixing corrugated galvanised iron sheets of 0.63mm thick (24 B.W.G.) for roofing without wind tiles including fastening with galvanised iron screws and bolts, lead and bitumen washers as per drawing etc. complete.(Weight of 5.5 kg/sq.m.). Spec No. [Bd.R.5, Page No. 453] (S.S.R. 2021-22 I.No. 38.04 P.No224)

|       |    |       |       |  |                    |
|-------|----|-------|-------|--|--------------------|
| Sides | 1  | 16.50 | 11.00 |  | 181.500            |
|       | 2  | 15.50 | 2.50  |  | 77.500             |
|       | 2  | 10.00 | 2.50  |  | 50.000             |
|       | -1 | 2.50  | 2.10  |  | -5.250             |
|       |    |       |       |  | <b>303.750 Sqm</b> |

Item No. 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. Bd.F.17, Page No. 306 SSR 2021-22 I.No. 26.33 P.No. 182

|                         |         |  |  |           |                   |
|-------------------------|---------|--|--|-----------|-------------------|
| Qty as per I.No. 4 Beam | 8.131 x |  |  |           |                   |
|                         | 8.131 x |  |  | 85 Kg/Cum | 691.0925          |
|                         |         |  |  |           | <b>691.093 Kg</b> |
|                         |         |  |  |           | <b>0.691 MT</b>   |

## MEASUREMENT

| Item of work | No. | L. | B. | D. | Quantity |
|--------------|-----|----|----|----|----------|
|--------------|-----|----|----|----|----------|

Item No. 11 : 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 per Rate Analysis

1 No.



Mahendra Purneshwar Prasad  
Civil Engg. & Govt. Contractor  
Regd.No. -479/2019 (वांशकाम विभाग)

**Construction of Tin Shade to Aata Plant For Jayanant Farmer Producer Company Lmted. At. Navali Tq. Risod  
Dist. Washim  
Year 2022-23**

**RATE ANALYSIS**

**1** Item No. 4 : Providing and laying Cast in situ/Ready Mix cement concrete in M-10 of trap/ granite/ quartzite/ gneiss metal for foundation and bedding including bailing out water, Steel centering, formwork, laying/pumping, compacting, roughening them if special finish is to be provided, finishing if required and curing complete, with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Natural Sand / Crushed sand VSI Grade finely washed etc) [Spec.No. :Bd. E. 1 Page No. 287] (SSR 2021-22 I.No. 24.01 Page No.169)



Basic rates 5538.00  
Rs.  
Deduct -120.00  
SCADA  
Net Rates 5418.00  
Rs.

| Carting of Metal |        |         | Carting of Sand |         |         | Carting of Cement |       |        | Deduct Royalti of Sand |        |        | Rate    | Total Rate | Say Rate / Cum |
|------------------|--------|---------|-----------------|---------|---------|-------------------|-------|--------|------------------------|--------|--------|---------|------------|----------------|
| Quantity Cum     | Rate   | Amount  | Quantity Cum    | Rate    | Amount  | Quantity Bags     | Rate  | Amount | Quantity Cum           | Rate   | Amount |         |            |                |
| 0.940            | 322.73 | 303.366 | 0.470           | 1324.53 | 622.529 | 4.400             | 15.50 | 68.191 | 0.000                  | 141.34 | 0.000  | 5418.00 | 6412.087   | 6412.10        |

**2** Item No. 5 :- 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 (Natural Sand / Crushed sand VSI Grade finely washed etc) [Spe.No. : Bd.F.3 Page No. 298 and B.7, Page No.38 ] ( S.S.R 2021-22. I.No.25.11 P.No. 172)

Basic rates 6666.00  
Rs.  
Deduct -120.00  
SCADA  
Net Rates 6546.00  
Rs.

| Carting of Metal |        |         | Carting of Sand |         |         | Carting of Cement |       |         | Deduct Royalti of Sand |        |        | Rate    | Total Rate | Say Rate / Cum |
|------------------|--------|---------|-----------------|---------|---------|-------------------|-------|---------|------------------------|--------|--------|---------|------------|----------------|
| Quantity Cum     | Rate   | Amount  | Quantity Cum    | Rate    | Amount  | Quantity Bags     | Rate  | Amount  | Quantity Cum           | Rate   | Amount |         |            |                |
| 0.850            | 322.73 | 274.321 | 0.425           | 1324.53 | 562.925 | 7.000             | 15.50 | 108.486 | 0.000                  | 141.34 | 0.000  | 6546.00 | 7491.732   | 7491.70        |

**3** Item No.3 :-Providing soling using 80 mm size trap metal in 15 cm. layer including filling voids with Crushed sand/grit, ramming, watering etc. complete. . As directed by Engineer in charge. SSR 2021-22 I No 21.40 P No.205

Basic rates 1322.00  
Rs.

| Carting of Metal |        | Carting of Murum |         | Rate   |        | Total Rate | Say Rate |
|------------------|--------|------------------|---------|--------|--------|------------|----------|
| Quantity Cum     | Rate   | Quantity Cum     | Amount  | Rate   | Amount |            |          |
| 0.800            | 309.29 | 0.200            | 247.432 | 220.06 | 44.012 | 1322.00    | 1613.40  |

4 Item No. 10 : 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. Bd.A.11 Page No. 263 SSR 2021-22 I.No. 21.37 P.No.152

Basic rates  
Rs. 550.00

| Carting of Murum |        | Rate    |        | Total Rate | Say Rate / |
|------------------|--------|---------|--------|------------|------------|
| Quantity Cum     | Rate   | Amount  |        |            | Cum        |
| 1.000            | 220.06 | 220.060 | 550.00 | 770.060    | 770.10     |

5 Item No. 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) [Spe.No. : Bd.F.5 Page No. 300 and B.7, Page.No. 38 ] ( S.S.R. 2021-22 I.No.25.31 P.No. 172 )

Basic rates 12987.00  
Rs.  
Deduct -120.00  
SCADA  
Net Rates 12867.00  
Rs.

| Carting of Metal |        | Carting of Sand |         | Carting of Cement |         | Deduct Royalti of Sand |        | Rate         |        | Total Rate | Say Rate / |
|------------------|--------|-----------------|---------|-------------------|---------|------------------------|--------|--------------|--------|------------|------------|
| Quantity Cum     | Rate   | Quantity Cum    | Amount  | Quantity Bags     | Amount  | Quantity Cum           | Amount | Quantity Cum | Amount |            | Cum        |
| 0.850            | 322.73 | 0.425           | 562.925 | 7.000             | 108.486 | 0.000                  | 0.000  | 141.34       | 0.000  | 12867.00   | 13812.70   |

6 Item No. 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 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 natural sand/V.S.I. quality Artificial Sand [Spe.No. : Bd.F.6 Page No.300 And B.7 Page No.38/ ] ( S.S.R. 2021-22 I.No.25.50 P.No. 175 )

Basic rates 11483.00  
Rs.  
Deduct -120.00  
SCADA  
Net Rates 11363.00  
Rs.

| Carting of Metal |        | Carting of Sand |         | Carting of Cement |         | Deduct Royalti of Sand |        | Rate         |        | Total Rate | Say Rate / |
|------------------|--------|-----------------|---------|-------------------|---------|------------------------|--------|--------------|--------|------------|------------|
| Quantity Cum     | Rate   | Quantity Cum    | Amount  | Quantity Bags     | Amount  | Quantity Cum           | Amount | Quantity Cum | Amount |            | Cum        |
| 0.850            | 322.73 | 0.425           | 562.925 | 7.000             | 108.486 | 0.000                  | 0.000  | 141.34       | 0.000  | 11363.00   | 12496.70   |

| Quantity Cum | Rate   | Amount  | Quantity Cum | Rate    | Amount  | Quantity Bags | Rate  | Amount  | Quantity Cum | Rate   | Amount | Quantity Cum | Rate      | Amount   | Quantity Cum | Rate | Amount |
|--------------|--------|---------|--------------|---------|---------|---------------|-------|---------|--------------|--------|--------|--------------|-----------|----------|--------------|------|--------|
| 0.850        | 322.73 | 274.321 | 0.425        | 1324.53 | 562.925 | 7.000         | 15.50 | 108.486 | 0.000        | 141.34 | 0.000  | 11363.00     | 12308.732 | 12308.70 |              |      |        |

7 Item No. 18 : Providing and fixing in position TMT - FE - 500 bar reinforcement of various diameters for R.C.C. pile caps, 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. Bd.F.17, Page No. 306 SSR 2021-22 I.No. 26.33 P.No. 182

Basic rates  
Rs. 71778.00

| Carting of Steel |        | Rate    | Total Rate | Say Rate / MT |
|------------------|--------|---------|------------|---------------|
| Quantity / Mt    | Rate   | Amount  |            |               |
| 1.000            | 309.96 | 309.960 | 71778.00   | 72088.00      |

8 Item No. 7 : Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in foundations and plinth of inner walls/ in plinth external walls including bailing out water manually , striking joints on unexposed faces and watering etc. Complete. Bd.G. 1 Page No. 313 SSR 2021-22 I.No. 27.01 P.No. 189

Basic rates  
Rs. 7343.00

| Carting of Bricks |         | Carting of Sand |              | Carting of Cement |         | Deduct Royalti of Sand |       | Total Rate | Say Rate |          |         |
|-------------------|---------|-----------------|--------------|-------------------|---------|------------------------|-------|------------|----------|----------|---------|
| Quantity Cum      | Rate    | Amount          | Quantity Cum | Rate              | Amount  | Quantity Cum           | Rate  |            |          |          |         |
| 1.000             | 1451.74 | 1451.740        | 0.320        | 1324.53           | 423.850 | 1.580                  | 15.50 | 24.487     | 7343.00  | 9243.076 | 9243.10 |

9 Item No. 11 : 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. Bd.L.7 Page No. 369 SSR 2021-22 I.No. 32.11 P.No.201

Basic rates  
Rs. 599.00

| Carting of Sand |         | Carting of Cement |              | Deduct Royalti of Sand |        | Total Rate   | Say Rate |         |        |
|-----------------|---------|-------------------|--------------|------------------------|--------|--------------|----------|---------|--------|
| Quantity Cum    | Rate    | Amount            | Quantity Cum | Rate                   | Amount | Quantity Cum | Rate     |         |        |
| 0.022           | 1324.53 | 29.140            | 0.220        | 15.50                  | 3.410  | 0.000        | 599.00   | 631.549 | 631.50 |



Mahendra Purushottam Pabphale

Civil Engg. & Govt. Contractor

Regd.No. -479 / 2019 (महाराष्ट्र शासन)

Construction of Tin Shade to Aata Plant For Jayanant Farmer Producer  
Company Lmtd. At. Navali Tq. Risod Dist.Washim

Year 2022-23

ROYALTI STATEMENT



| S.No.              | Item              | Estimated<br>Quantity | Material      |               |            |          |
|--------------------|-------------------|-----------------------|---------------|---------------|------------|----------|
|                    |                   |                       | 80mm<br>metal | 40mm<br>metal | Sand       | Murum    |
| 1                  | 80 mm<br>soling   | 29.18                 | 29.18232      |               |            | 5.836464 |
| 2                  | M 10              | 23.95                 |               |               | 3.59       |          |
| 3                  | M 20              | 8.13                  |               |               | 3.46       |          |
| 4                  | Sand<br>F.Plaster | 15.30                 |               |               | 0.23       |          |
|                    |                   |                       |               |               |            |          |
|                    |                   |                       |               |               |            |          |
| Total              |                   | 61.26506              | 29.18232      | 0             | 7.278      | 5.84     |
|                    |                   |                       |               |               |            |          |
| Rate of<br>Royalti |                   |                       | 216.18        | 216.18        | 237.37     | 216.18   |
| Total              |                   |                       | 6308.6339     | 0             | 1727.53103 | 1261.727 |
| Amount             | 9298              |                       |               |               |            |          |

Manendra P. Chaudhari  
Civil Engg. & Govt. Contractor  
Regd.No. 479 / 2019 (वाशिम विभाग)

Construction of Tin Shade to Aata Plant For Jayanant Farmer Producer  
Company Lmted. At. Navall Tq. Risod Dist.Washim



Year 2022-23

LABORATORY TESTING CHARGES STATEMENT

| S.No. | Item    | Estimated Quantity | Material | Required test                   | Frequency of sampling | Charges | Amount Rs. |
|-------|---------|--------------------|----------|---------------------------------|-----------------------|---------|------------|
| 1     | CC M-20 | 8.13               | Metal    | Compressive strength of cc cube | 1                     | 690.00  | 690.00     |
| 2     |         |                    | Sand     | Silt content                    | 1                     | 1380.00 | 1380.00    |
|       |         |                    |          |                                 |                       |         |            |
| Total |         |                    |          |                                 |                       |         | 2070.00    |

Mahendra Purneshwar Patil  
Civil Engg. & Govt. Contractor  
Regd.No. -479 / 2019 (वांधकाम विभाग)

Construction of Tin Shade to Aata Plant For Jayanant Farmer  
Producer Company Lmtd. At. Navali Tq. Risod Dist. Washim

Year 2022-23

LEAD STATEMENT

| Sr. No. | Material    | Source  | Unit | Lead in Km. | Carting Charges | Supply Rates | For Roads | Total rate for concrete |
|---------|-------------|---------|------|-------------|-----------------|--------------|-----------|-------------------------|
| 1       | Hard Murum  | Local   | Cum  | 5.00        | 220.06          | 327.00       | 547.06    | 220.06                  |
| 2       | 80mm metal  | Yeota   | Cum  | 12.00       | 309.29          |              | 309.29    | 309.29                  |
| 3       | 40mm metal  | Yeota   | Cum  | 12.00       | 309.29          | 270.00       | 579.29    | 309.29                  |
| 4       | C.B. metal  | Yeota   | Cum  | 12.00       | 322.73          |              | 322.73    | 322.73                  |
| 5       | Sand        | Talani  | Cum  | 100.00      | 1324.53         |              | 1324.53   | 1324.53                 |
| 6       | Cement      | Risod   | MT   | 20.00       | 309.96          |              | 309.96    | 309.96                  |
| 8       | Steel       | Risod   | MT   | 20.00       | 309.96          |              |           | 15.50<br>309.96         |
| 9       | Bricks      | Balapur | Cum  | 90.00       | 1451.74         |              |           | 1451.74                 |
| 10      | Paver Block | Risod   | Sqm  | 20.00       |                 |              |           | 30.99                   |

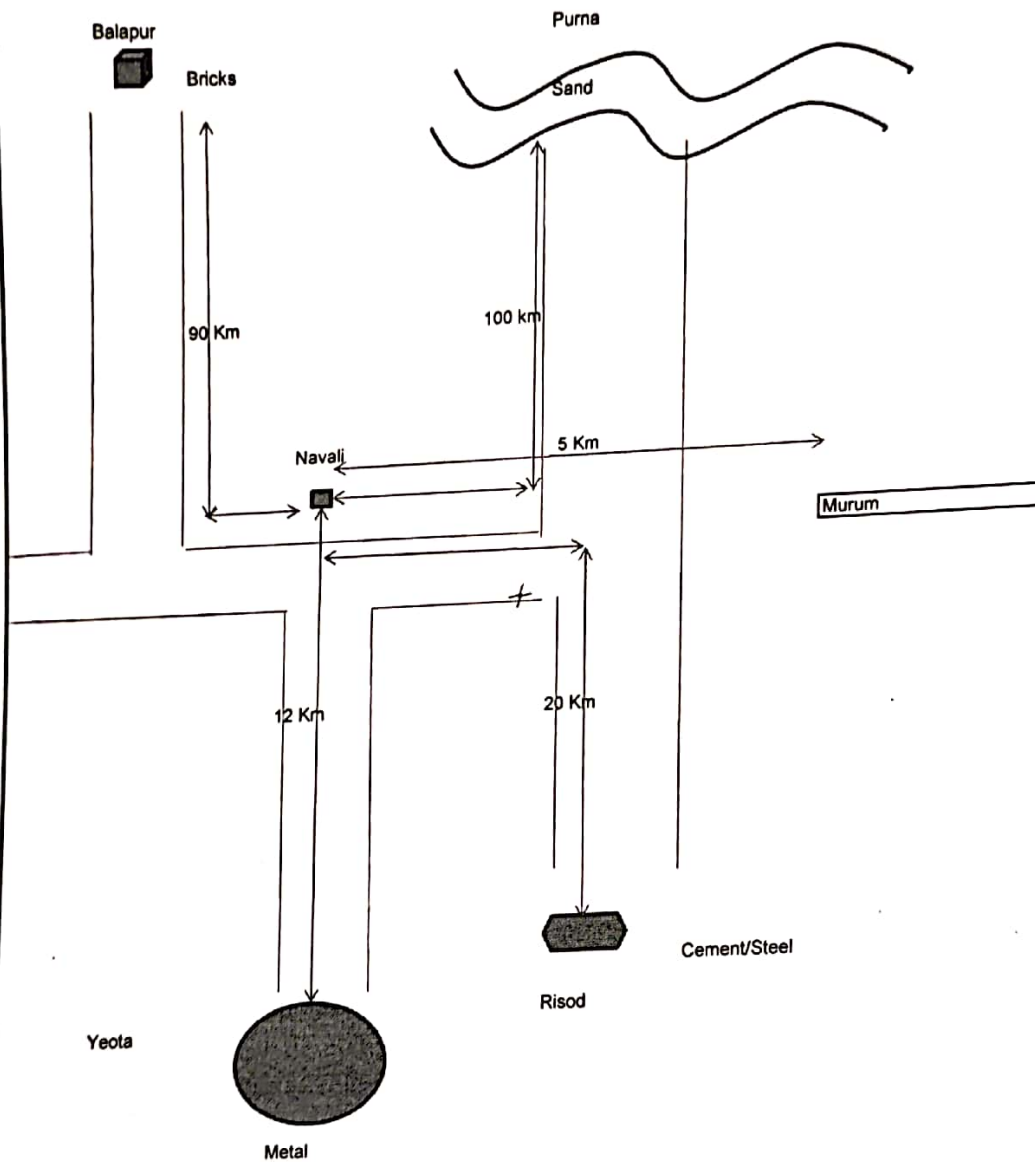


*Mahendra Purushottam Padghar*

Mahendra Purushottam Padghar  
Civil Engg. & Govt. Contractor  
Regd.No. -479 / 2019 (वांशकाम विभाग)

# QUARRY CHART

Construction of Tin Shade to Aata Plant For Jayanant Farmer Producer Company Lmtd. At. Navali Tq. Risod Dist.Washim



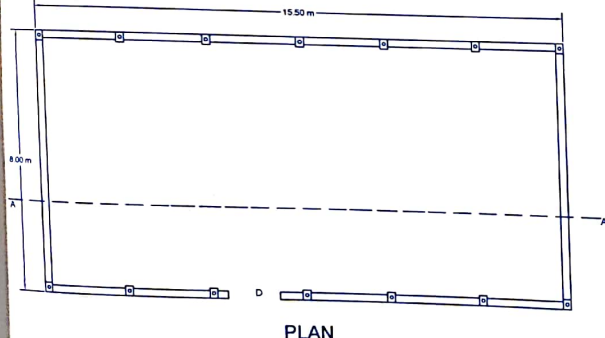
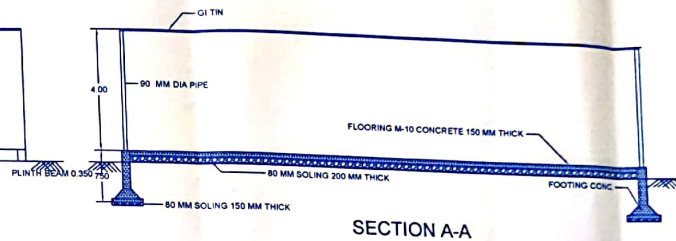
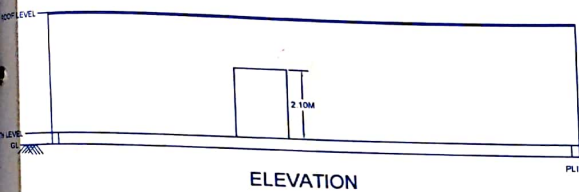
## CERTIFICATE

Certified that the good quality and adequate material is obtained from the quarry . All lead shown in chart is correct and nearest route.

CONSTRUCTION OF TIN SHADE TO AATA PLANT FOR JAYANANT FARMER PRODUCER COMPANY.LMTD AT.NAVALI,TQ.RISOD DIST. WASHIM



SCALE 1:100



|  |  |
|--|--|
| CONSTRUCTION OF TIN SHADE TO AATA AND CHANA ROASTING PLANT<br>AT.....<br>TQ.....<br>DIST.....<br>FOR THE ..... |  |
| AREA STAMTMENT<br>PLOT AREA .....<br>BUILTUP AREA = 15.50X8= 124.0 SQ.M  |  |
| SCHEDULED OF OPENING<br>DOOR - 1.5 X 2.10 M  |  |
| SANCTIONING AUTHORITY  |  |
| ENGINEER:<br>MAHENDRA PRUSHOTAM PADGHAN<br>Civil Engg. & Govt. Contractor<br>Regd.N. - 479 / 2019 (Washim)     | OWNER<br>Jayanant Farmer Producer Company Lmtd.<br>At. Navali Tq Risod Dist.washim |

*Mahendra Prushotam Padghan*  
 MAHENDRA PRUSHOTAM PADGHAN  
 Civil Engg. & Govt. Contractor  
 Regd.N. - 479 / 2019 (Washim)