

ESTIMATE

Name of Work :- Proposed Construction of Grapes Drying Yards For BBP Barshi Taluka Agro Processing & Agro Producer Co.ltd, In Gat no.210/1, At-Raleras ,Tq-Barshi, Dist-Solapur (MH)

Estimated Cost of Works (Rs.) :- 2495543.00

Rupees twenty-four lakhs ninety-five thousand five hundred forty-three and paise nil only



SAI CONSULTANT'S

Consulting Civil Engineer, Builders & Developers,
Approved Valuers, Chartered Engineer & Govt. Contractors.

Shop no.2, Shraddha Building, Gokul Colony,
Collage Road, Rahuri, Tal-Rahuri, Dist-A'Nagar.
Mo.9970253888, 9552183333
email -saiconsultants333888@gmail.com

Ref no.

Date:-

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Agro Processing & Agro Producer Co.ltd, In Gat no.210/1, At-Raleras ,Tq-Barshi, Dist-
Solapur (MH)

RECAPITULATION SHEET

| | | | |
|---|---------------------------------|-----|-------------------|
| 1 | Work Portion (Part A) | Rs. | 2044605.00 |
| 2 | Add Royalty | Rs. | 0.00 |
| 3 | Add Testing Charges | Rs. | 0.00 |
| 4 | Add. 0.50 % Insurance on Part A | Rs. | 10223.00 |
| 5 | Add.18.00 % GST Part A | Rs | 368029.00 |
| | Total Rs. | | 2422857.00 |
| 6 | Add. 3% Contingencies on Total | Rs | 72686.00 |
| | Total Rs. | | 2495543.00 |
| | Say Rs. | | 2495543.00 |

Rupees twenty-four lakhs ninety-five thousand five hundred forty-three and paise nil only


Chartered Engineer
Gaurav Rajendra Bhaskar
B.E.(Civil) A.M.I.E.
Chartered Engineer
AM3023322


Consulting Engineer
SAI CONSULTANT
Consulting Civil Engineer
Rahuri, Dist. Ahmednagar



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ABSTRACT

| Quantity | I.No | Item of work | Rate | unit | Amount |
|----------|------|---|----------|-------------|------------|
| 95.04 | 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 & 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 | 207.00 | Cubic Metre | 19673.28 |
| 118.80 | 2 | Providing and laying Castin situ/ Ready Mix cement concrete in M15 of trap/ granite/ quartzite/ gneiss metal for bed blocks, foundation blocks and such other items including bailing out water, Steel centering, formwork, laying/ pumping, compacting, roughening the mif special finish is to be provided, finishing un even and honey combed surface and curing etc. complete. The Cement Mortar 1:3 plaster is considered for rendering uneven and honey combed surface only. Newly laid concrete shall be covered by gunny bag, plastic, tarpaulin etc. (Wooden centering will not be allowed.) , with fully automatic microprocess or based PLC with SCADA enabledreversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade) | 6635.36 | Cubic Metre | 788280.77 |
| 12.65 | 3 | 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 of approved quality and shade complete. Spec.No. : Bd.C.8 Page No. 278 | 97759.00 | Cubic Metre | 1236651.35 |
| | | | | Total Rs. | 2044605.40 |
| | | | Part A) | Say Rs. | 2044605.00 |
| 0.00 | 4 | Royalty Charges for sand | 237.37 | Cum | 0.00 |
| 1.00 | 5 | Material Testing Charges | 10725.00 | | 10725.00 |
| | | | | Total Rs. | 10725.00 |
| | | | Part B) | Say Rs. | 10725.00 |

Rajendra
Chartered Engineer
Gaurav Rajendra Bhaskar
B.E.(Civil) A.M.I.E.
Chartered Engineer
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Sadhav
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Dist-Solapur (MH)

RATE ANALYSIS AS PER PWD SSR 2022-23 For MAHARASTRA STATE

| Sr. No. | Description of Item | S.S.R. Page No. & It. No. | Basic Rate | Add extra lead charges for..... | | | | | | | | Total Lead charges | Deduction For Scada | Gross Rate | | |
|---------|---|---------------------------|------------|---------------------------------|--------|--------|-----------------|-----------|-----------------|--------|-----------------|--------------------|---------------------|------------|--------------|---------|
| | | | | Rubble/Cr. Metal | | Sand | | Cr. Metal | | Murum | | | | | Cement/Steel | |
| | | | | 342.62 | 268.39 | 263.19 | /M ³ | 280.05 | /M ³ | 252.22 | /M ³ | | | | 5.22 | /M.T. |
| 1 | Excavation for foundation in earth, soil of all types, sand, gr | 21.02 | 207.00 | | | | | | | | | 0.00 | | 207.00 | | |
| 2 | Providing and laying Castin situ/ Ready Mix cement concre | 24.08 | 6359.00 | | | 0.440 | 115.80 | 0.89 | 249.24 | | | 6.00 | 31.32 | 396.36 | 120.00 | 6635.36 |
| 3 | Providing structural steel work in trusses, other similar truss | 23.02 | 97759.00 | | | | | | | | | 0.00 | | 97759.00 | | |
| 4 | Royalty Charges for Sand | | 237.37 | | | | | | | | | 0.00 | | 237.37 | | |

Gaurav
Chartered Engineer
Gaurav Rajendra Bhaskar
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Appendix - I
Lead Chart

| Sr. No. | Description | Rubble | Murum | Crush metal | Crush metal 40 mm above | Sand | Cement | Steel | Asphalt |
|---------|--|------------|--------|-------------|-------------------------|--------|--------|--------|---------|
| 1 | 2 | 3 | 4 | 4 | 4 | 5 | 6 | 7 | 8 |
| | Source | Restricted | Local | Restricted | Restricted | Local | Local | Local | |
| 1 | Average lead as per Quarry chart in km | 6.00 | 5.00 | 6.00 | 6.00 | 5.00 | 1.00 | 1.00 | |
| 2 | Lead charges | 342.62 | 252.22 | 280.05 | 268.39 | 263.19 | 104.39 | 104.39 | |
| 4 | Extra lead charges | 342.62 | 252.22 | 280.05 | 268.39 | 263.19 | 104.39 | 104.39 | |
| 5 | Extra lead charges per bag of cement | | | | | | 5.22 | | |

Ashokas
Chartered Engineer

Zadka
Consulting Engineer

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TESTING CHART

| Item | Qty | Soil/HM | Bitumen | Metal | Agg. | Tests | Frequency | Total Test | At Site | At Lab | Rate | Amt |
|-----------------|---------------|--------------|--------------|-------|---------------|--|------------|------------|---------|--------|--------------|-----------------|
| Concrete | | | | | | | | | | | | |
| | | Cement | Sand | | Agg | | | | | | | |
| M 15 | 118.80 | 26.14 | 55.84 | | 111.67 | Comp. Strength- Cube | | 9 | 5 | 4 | 690.00 | 2760.00 |
| | | | | | 0.00 | | | | | | | |
| Total | 118.80 | 26.14 | 55.84 | | 111.67 | | | | | | | |
| | | MT | Cum | | Cum | Crush Metal-Basic Test | 1/1000 Cum | 3 | 2 | 1 | 2600.00 | 2600.00 |
| | | | | | | Gradation | 1/100 Cum | 3 | 2 | 1 | 745.00 | 745.00 |
| | | | | | | Comboned Flakiness & Elongation of single metal | 1/400 Cum | 2 | 1 | 1 | 850.00 | 850.00 |
| | | | | | | Cement-Fineness,consistency.Setting time,Compressive strength,Specific Gravity | 1/50 MT | 1 | 1 | 1 | 3770.00 | 3770.00 |
| | | | | | | | | | | | Total | 10725.00 |

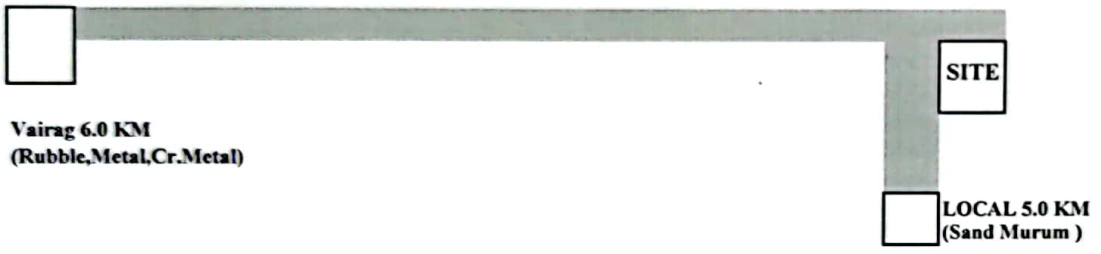
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Quarry Chart



LEAD STATEMENT

| Material | Quarry | Lead in Km. |
|---------------|--------|-------------|
| Rubble | Vairag | 6.00 |
| Metal | Vairag | 6.00 |
| Crushed Metal | Vairag | 6.00 |
| Murum | Local | 5.00 |
| Sand | Local | 5.00 |
| | | |

CERTIFICATE

- 1 Certified that the quarries shown on the quarry chart for metal & murum are inspected by me & they are nearest & economical to the work & contain sufficient & good quality material required for the work.
- 2 Certified that lead for quarries shown and accounted in the estimate is as per nearest route.
- 3 Certified that leads considered are found to be correct.



Rahaskar
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