

GOVERNMENT OF TRIPURA
DEPARTMENT OF AGRICULTURE
(ENGINEERING WING)

HISTORY SHEET

Estimate No:- T.S No:-...10...../CE /Agri/DA/MGNREGA/TS/2015-16/Dated :-04/12/2015.

Name of Work:- Model Estimate for setting up of vermi~~u~~ composed bed of 1 unit with HDPE Vermi Bed for production of organic Fertilizer under MGNREGA during 2015-16.

Department :- Department of Agriculture.

Scheme:- MGNREGA

Administrative Approval & Expenditure sanction :- As per communication of concerned DM & Collector.

Fund Available / Not Available:- Available under MGNREGA Scheme during 2015-16.

Mention reference on which estimate is prepared:- As per instruction by the Director of Agriculture, Govt. of Tripura (vide memo no.F.21(12)-Agri/SS/2015-16/2112 Dated, 18/11/2015 and meeting held on 01/12/2015 in the office chamber of CE (Agri) in this regard.

Estimate is revised :- No.

If yes , mention the earlier T.S. No.:-Nil

REPORT:-

The estimate has been framed as per decision of the Director, Department of Agriculture, Agartala and subsequently discussion held in the meeting conducted by the Chief Engineer (Agri) in his office chamber held on 01/12/2015 vide notice no. F.1(65)-CE/AGRI/2014-15/950-55 Dated, 28/11/2015 for finalization of specification of this work. All necessary items have been included in the estimate based on current RD approved rate (HPC approved rate). Beside this 3% for contingency & 1% labour CESS are considered in the estimate.

Estimate cost:- Rs`10,000/- (Rupees Ten Thousand) only.

Schedule of Rate:- As per RD Schedule & latest RD approved rate (HPC approved rate).

Method:- Departmental Execution.

Availability of site: Available as finalized by the PRI Body.

Demarcation is done:-

Tentative completion time :- 10 (Ten) days.

Soil Category:- Ordinary soil.


Junior Engineer
Department of Agriculture


Executive Engineer
Department of Agriculture


Superintending Engineer
Department of Agriculture


Chief Engineer
Department of Agriculture

5/1
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Name of Work: - Model estimate for setting up of Vermi compost Bed of 1 unit with HDPE 176
 Vermi bed for production of organic Fertilizer under MGNREGA during 2015-16.

ANUXURE -II

| Sl.No | Description | Activity | Material | Labour |
|-------|---|--|-------------------------------------|-----------|
| 1. | Earth work in excavation in foundation trench not exceeding 1.5 m width or 10 sqm on plan or drains not exceeding 1.5 mtr in width or 10sqm on plan including dressing of sides and ramming of bottom lift upto 1.5 m including getting out the excavated soil and disposal of surplus excavated soil as directed with in a lead of 50m | HDPE Vermi Bed 1 x 3.65 x 1.20 x 0.60m = 2.628 | | US- 2 Nos |
| 2. | Supplying of HDPE Vermi Bed (12' x 4' x 2') having ISI marked as per description of Eng.-in-charge. | 1 unit | Vermi Bed= 1 unit | US- 2 Nos |
| 3. | Supplying of 200 micron Tarpaulin (16' X 7') having ISI marked as per description of Eng.-in-charge. | 1 unit | Terpaudia = 1 unit | US- 2 Nos |
| 4. | Supplying of shed net 80 % (light and heat preventer) of size (1.5m x 4.00m) as per direction of Eng.-in-charge. | 1 unit | Shed net = 1 unit | US- 2 Nos |
| 5. | Supplying of PVC pipe discharge with net having 40mm dia as per direction of Eng.-in-charge. | Length = 2.00m | PVC pipe=2.00m | US |
| 6. | Supplying of lively Vermi/ Earthworm for Vermi compost production | 100 Nos | Lively Vermi /Earth worm/ = 100 Nos | US |
| 7. | Supplying and collection of raw materials of raw materials like cow dung etc. for preparation of production bed. | 1x3.65mx1.20mx0.60m = 2.628 Cum @ 660 kg/cum = 1734 kg | Cow dung = 1734 kg | US |

Note:-This is a model estimate. As per site condition, measurement of work will be taken into consideration for actual execution and accordingly, recorded in MB/ Field Book and wages component to be fixed for corresponding volume of work for generation of FTO.

Rpa
04/12/15
Junior Engineer
O/o the Superintending Engineer
Department of Agriculture

04.12.15
Executive Engineer
O/o the Superintending Engineer
Department of Agriculture

5/2
10

Name of Work: - Model estimate for setting up of Vermi compost Bed of 1 unit with HDPE Vermi bed for production of organic Fertilizer under MGNREGA during 2015-16.

ANUXURE -III

Requirement of materials, labour component and fund for the work

| Sl.No | Description | Unit | Requirement as per Annexure- II | Cost per unit | Cost of work |
|-------|---------------------------------|-------|---------------------------------|---------------|-----------------|
| 1. | HDPE Vermi Bed (12'x4'x2') | No | 1 | Rs.4500/- | Rs. 4500 |
| 2. | 200 micron Tarpaulin (16' x 7') | No | 1 | Rs.2000/- | Rs. 2000 |
| 3. | White (16x7) shed net with 80% | Sqm | 6.00 | Rs. 45/- | Rs.270 |
| 4. | PVC pipe of 40 mm dia | Meter | 2.00 | Rs. 200.00 | Rs. 400 |
| 5. | Lively Vermi/Earth worm | Nos | 100 Nos | Rs. 3.00 | Rs. 300.00 |
| 6. | Cow dung | kg | 1734.5 kg | Rs. 0.50 | Rs.867 |
| | | | | | Rs. 8337 |
| 7. | Labour | | 8 | Rs. 167.00 | Rs. 1336 |
| | | | | Total | Rs. 9673 |

Add 3% Contingency for signboard and documentation Rs. 290

Add 1% Cess Rs. 97

Grand Total Rs. 10060

Say Rs. 10000

(Rupees ten thousand) only

[Signature]
04/12/15

Junior Engineer

O/o the Superintending Engineer
Department of Agriculture

[Signature]
04-12-15

Executive Engineer
O/O the Superintending Engineer
Department of Agriculture

[Signature]
04/12/15

Superintending Engineer
O/O the Chief Engineer
Department of Agriculture

T/S NO:-.....I.D'...../CE/AGRI/DA/MGNREGA/TS/2015-16 Dated, 04/12/2015.

Technically approved for an amount of Rs.10,000/- (Rupees Ten thousand) only.

[Signature]
4/12/15

(Er.A.Das)
Chief Engineer
Department of Agriculture