

Gram Vikas Parishad
(Implementing Agency for Madhubani Painting Cluster of Sfurti Project)
Address: Vill-Post: Ranti, Dist Madhubani, Bihar, India, Pin : 847211

Tender Notice

Tender Reference No : 01/GVP/2020-21

Date: 12/02/2021

Sealed tenders are invited by M/s Gram Vikas Parishad, the Implementing Agency (IA) for Madhubani painting cluster, from reputed dyeing units / dyeing unit erection, installation agency for the common facility center already constructed at Ranti, Madhubani under Sfurti project of Ministry of MSME, Govt of India.

Components of Dyeing Unit to be set up :

The Dyeing Unit will be of 5 parts: the main unit (for dyeing), covered space for tanks (for starch removal, bleaching and washing after dyeing), drying space (covered top), pollution control plant and a water softening plant.

The tender invited applicants only for setting, commissioning of the machineries and equipments and not any construction related work which is out of the scope of the work.

Requirement :

Main Unit :

1. Machineries to be provided for dyeing of 10 mt to 20 mt of cloth. Vessels to be put on the stove for dyeing. The stove runs on kerosene which is expected to be placed on a chamber which is connected to a compressor. The stove is bounded by bricks.
2. The first drying will be followed by another drying by a drier machine. Machineries to be provided for checking consistency of the dye on the fabric.
3. Process for colour fixing to be done through vapour steaming process. Water is being poured at the bottom of the cylinder which is boiled and fabric kept at a container on a higher base gets the steam. Sometimes there may be more of fixing required, when dye fix is being taken up.
4. Boiler to be set up for large volume. The temperature to be calculated when around 30 mts – 40 mts of fabric is dyed. The boiler is to be placed with the chimney having clearance of 45 ft height which is a standard from the PCB. Multiple channels are to be used for the supply of


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heated water to different aluminum vessels. For boiler, wood is a better option to coal as it is low in pollution level and also low in cost.

Washing Bleaching Unit :

Tanks for washing, bleaching and softening to be installed will be three in numbers. The ideal sizes for the same will be 3.5 ft x 12 ft (for washing / removal of starch), 3.5 ft x 6 ft (for bleaching), and 3.5 ft x 6 ft (washing after dyeing). The construction shed for the same will be around 33 ft x 20 ft. The proposal can specify other dimensions if need be. Though, construction needs not to be taken up for the cisterns/ tanks adequate pipelines needs to be provided for the entire bleaching unit.

Water Recycling :

The polluted chemical mixed water first goes into chamber 1. From the chamber at a higher level through submersible at another chamber (chamber 2). Treatment of the water is carried out at this chamber. Adequate pipelines for the same to be constructed for the same.

Equipments to be provided for measuring ph value and bringing back to neutral state by treating with HCL. Other chemicals required for treatment to be provided at some amount for initial testing and commissioning. Machineries to be provided for oxygen treatment after water is taken to chamber 3. Entire pipelines to be provided for flowing of water to different chambers and for gardening and other purpose.

Water treatment plant : Equipments to be provided for water treatment.

Option : For huge volume semi-automatic jigger machines are used.

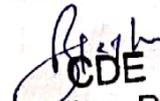
Use of chemicals: (Sufficient stock of chemicals for 4-5 months of use to be provided)

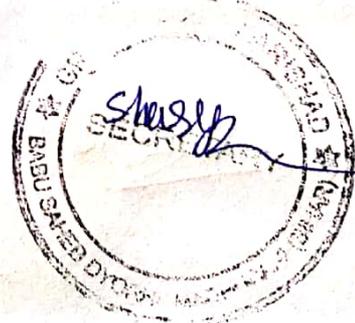
Companies for procurement of chemical colours : Clarent / National / Pidilite.

Synopsis of components to be provided :

Dyeing Equipments :

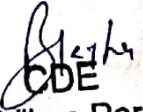
- a. Dyeing drum
 - b. Streaming drum
 - c. Fabric drying machine
 - d. Colours and chemicals
 - e. Electric wiring
 - f. Adequate Stove, oven etc.
- Treatment Plant pipes, accessories, pumps
 - Boiler
 - Water system along with submersible and plumbing requirements
 - Entire erection, commissioning of the dyeing unit and training of the staff members to use the same.
 - Note : No construction is to be done by the agency.


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Terms and Conditions:

1. The technical and financial documents to be submitted separately within 14 days of the tender notice.
 2. The sealed quotation needs to be submitted to Gram Vikas Parishad, Vill-Post: Ranti, Dist Madhubani, Bihar, India, Pin : 847211 or can be mailed to gvpindia@gmail.com
 3. The prospective bidders shall have requisite experience of setting up of dyeing unit or have his own dyeing unit, has worked in the dyeing unit set up for substantial time.
 4. The contractors who have delisted or debarred by any Government department shall not be eligible in any way. An undertaking on the same to be submitted.
 5. The prospective bidders should have full time engagement experienced engineering personnel for taking up the assignment.
The Company should have a registered legal entity.
 6. The prospective client shall have some certification from Government agencies for taking up similar works.
 7. All the machineries for setting up of the dyeing unit are to be guaranteed for a period of 12 months. During the first year the agency should provide any technical issues and challenges.
 8. Current Income Tax Acknowledgement Receipt to be submitted.
 9. Copy of PAN Card to be submitted.
 10. Copy of GST Registration Certificate to be provided.
 11. Copy of Registration Certificate to be provided.
 12. Company details with relevant communication details to be provided.
 13. Bids shall remain valid for a period of 180 days.
 14. The work to be monitored by Gram Vikas Parishad, the Technical Agency of the Project Contact Base and KVIC.
 15. GVP in consultation with Technical Agency of the Project has the right to cancel the NIT due to unavoidable circumstances.
 16. No adjustment in price or price escalation of any kind to be allowed for works included in this NIT.
 17. 80% of the amount will be paid in advance upon submission of initial document of workplan, machinery list and process . 20% will be paid after successful completion of work.
- Date of commencement of issue of tender : 13/02/2021
 - Last date for submission of Tender : 20/02/2021
 - Date of opening of sealed Tenders :01/03/2021


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The Secretary
Gram Vikas Parishad
Vill-Post: Ranti
Dist Madhubani
Bihar, India Pin : 847211