

MAHARASHTRA POLLUTION CONTROL BOARD

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Mumbai-400 022.

NO: BO/JD(AIR)/ARP/SP/TB/B- 2715

Date: 08/07/2014

To,
Shri. M.Suresh Kumar,
Senior Principal Scientist,
SHWM Division, CSIR-NEERI,
Nehru Marg, Nagpur – 440020.

Sub: Technical evaluation for the proposed Acid recovery Plant (ARP) at MIDC, Butobori, Nagpur.

Ref: 1] Minutes of meeting, dt: 08/05/2014.
2] Your proposal received by mail, dt: 06/06/2014.
3] Approval of Member Secretary on the office note, dt: 03/07/2014.

Sir,

With reference to above subject and your proposal received by mail vide ref: 2. Maharashtra Pollution Control Board is pleased to accept the proposal for technical evaluation for the proposed Acid recovery Plant (ARP) at MIDC, Butobori, Nagpur 50% : 50 % cost sharing by MPCB and TLT Galvanisers Association.

1. Aim & Objective:

The main objective of the project is to review and technical evaluation of the available technologies for spent acid recovery and management.

2. Scope of work:

- I. Characterization and quantification of spent acid generated from all Galvanizing plants.
- II. Review all available ARP technologies on technical, operational and commercial grounds.
- III. Assessment of spent acid Neutralization with lime (including existing practices).
- IV. Suggest most appropriate technology considering cost, operational ease and environmental impacts. (Details of all the known technologies with advantages and disadvantages shall be provided)
- V. Submission of techno-economical feasibility report.

3. Project Duration:

6-Months from the date of receipt of work order along with advance payment.

4. Cost of project work:

Total Project Cost: Rs. 17.0/- Lakhs (Rs. Seventeen Lakhs Only) + Taxes extra:

Total cost of Rs. 17.0/- Lakhs will be shared by MPCB & TLT Galvanisers Association (50% : 50%). MPCB will release 50% of Rs. 8.5/- Lakhs i.e. Rs. 4.25/- Lakhs to NEERI as an 1st installment & TLT Galvanisers Association will release 50% of Rs. 8.5/- Lakhs i.e. Rs. 4.25/- Lakhs directly to NEERI after receipt of the copy of this work order.

2/-

Remaining balance payment of Rs. 8.5/- Lakhs will be shared 50% : 50% by MPCB & TLT Galvanisers Association and released to NEERI as 2nd installment.

5. Terms of payment for study:

Installment	Amount (Rs.)	Mode	Schedule
1 st Installment	Rs. 8.5 Lakhs + Service Tax	Rs. 4.25/- Lakhs	To be paid along with work order by MPCB.
		Rs. 4.25/- Lakhs	To be paid along with work order by TLT.
2 nd Installment	Rs. 8.5 Lakhs + Service Tax	Rs. 4.25/- Lakhs	Four Months from the date of Commencement of study by MPCB.
		Rs. 4.25/- Lakhs	Four Months from the date of Commencement of study by TLT.

6. Validity of offer:

The offer is valid for 45-days from the date of submission and can be extended on mutual agreement.

7. Inputs Required from MPCB & TLT Galvanisers Association:

- o Provide all data, drawings, documents, reports available related to project work
- o Provide access to NEERI personnel and the sampling and analytical material carried by them to individual galvanizing unit during the study
- o Provide Co-ordinator/Contact Person on behalf of TLTGA/Galvanizing unit to interact with NEERI team during the study by Regional Office, MPCB, Nagpur.

8. Report submission:

On completion of task, the NEERI shall prepare comprehensive report and submit 2-nos of draft copies to the Board for approval & final copies (3-nos of hard copies + Soft copy) to MPCB / TLT Galvanisers Association covering entire scope of work along with soft data of the entire work.

You are requested to communicate the acceptance of the sanction letter and submit the invoice for the release of first installment.

(Rajeev Kumar Mital)
Member Secretary

Copy to,

- 1] The Joint Director (APC), MPCB, Mumbai.
- 2] The Chief Account Officer, MPCB, Mumbai – They are requested to release the payment as per the work order conditions.
- 3] M/s. TLT Galvanizers Association, Nagpur region, 97/1, Raj Gruh Nagar, MIDC, Hingna road, Nagpur-16- They are requested to release the payment as per the work order conditions.