



भारतीय प्रबंधन संस्थान मुंबई

INDIAN INSTITUTE OF MANAGEMENT MUMBAI

विहार सरोवर मुंबई - Vihar Lake, Mumbai 400 087

Website: <https://www.iimmumbai.ac.in>

(Only Through Online e-Procurement Mode)

e-Tendering Website : <https://eprocure.gov.in/eprocure/app>

Notice Inviting e-Tender (NIT) for the Work of “Supply and Installation of Retrofitting Emission Control Device for 750 kVA DG set at IIM Mumbai ”

(Tender Document, Instructions to Tenderer, Terms and Conditions, Schedule)

Indian Institute of Management, Mumbai

Ref. No : IIMMumbai/Estate/2024-25/01

Date : 16.04.2024

NOTICE INVITING e-TENDERS (NIT)

Executive Engineer, on behalf of the Director, IIM Mumbai, Mumbai - 87 invites Online tender on **item rate basis** under **single bid system** for the work of “**Supply and Installation of Retrofitting Emission Control Device for 750kVA DG set at IIM Mumbai**”

Details of Tender fee, EMD, submission of tender and other details are elaborated in the tender document. (Pay through e-Payment mode online on portal, e-Payment facility are available on website for making the payment through Debit/Credit Card/Net Banking)

Tender Document: Tender document will not be issued in person. The tender document can be downloaded from <https://eprocure.gov.in/eprocure/app> & www.iimmumbai.ac.in. Tenders downloaded from the website must be accompanied by requisite tender fee failing which tender will not be considered.

| | | |
|----------|---|---|
| 1 | Cost of Tender document | ₹1000/- (Rupees One Thousand Only) : (Pay through e-Payment mode online on portal, e-Payment facility are available on website for making the payment through Debit / Credit Card / Net Banking.(Non-Refundable) |
| 2 | Estimated cost of work | ₹ 22,00,000.00 |
| 3 | Download of tender document online | 17-04-2024 from 11:00 am onwards |
| 4 | Last date for downloading tender online | 29-04-2024 upto 5:00 pm |
| 5 | Last date of submission | 30-04-2024 upto 11:00 am |
| 6 | Opening of the Tenders Online | 01-05-2024 at 11:30 am |
| 7 | EMD | ₹ 44,000/- (Rupees Forty Four Thousand Only) : (Pay through e-Payment mode online on portal, e-Payment facility are available on website for making the payment through Debit / Credit Card / Net Banking. |

Opening of the bid Online: Bids will be opened in the presence of tenderers or their authorized representatives, who are present online. Late and delayed tenders will not be opened and such tenders will stand summarily rejected.

In case any document(s) produced in support of eligibility criteria or any other document(s) turns out to be fraudulent, following will be the course of action:

[a] **Before award of work:** The work will not be awarded, EMD will stand automatically forfeited, and the tenderer will be liable for further action as may be deemed fit;

OR

[b] **After award of work:** The award of work will be cancelled, EMD and Security Deposit, will stand forfeited, and the contractor will be liable for action as deemed fit.

Evaluation of tender: In case two or more tenders are found equal in commercial bids, work will be awarded to the contractor who has executed satisfactorily contracts of higher values based on the certificate of experience submitted along with tender papers assessment carried out by the Institute.

The Director, IIM Mumbai, reserves the right to: a) reject any or all the tenders without assigning any reason whatsoever; b) not binding himself/herself to accept the lowest or any tender; and c) accept the whole or any part of the tender and the tenderer shall be bound to perform the same at the rates quoted. Canvassing in connection with tender is strictly prohibited. Tender details can be viewed on the website <https://eprocure.gov.in/eprocure/app> & www.iimmumbai.ac.in. Tenders downloaded from the website must be accompanied by requisite tender fee failing which tender will not be considered.

Executive Engineer

Indian Institute of Management, Mumbai

Ref. No : IIMMumbai/Estate/2024-25/01

Date: 16-04-2024

E-tender document

Name of the Work : “Supply and Installation of Retrofitting Emission Control Device for 750kVA DG set at IIM Mumbai ”

INSTRUCTION TO TENDERERS

The Tender document has only one part.

Failure to comply with any of the conditions laid down herein renders the Tender invalid. All the enclosures/documents will have to be submitted along with bid.

- 1. Estimated cost of work:** Total estimated cost of work is ₹ 22,00,000/- (Rupees Twenty Two Lakhs only) (Inclusive of all taxes).
- 2. Visit to the Campus:** Tenderers are advised to visit IIM Mumbai campus/premises and ascertain the nature and quantum of work before tendering.
- 3. Tender fee:** The Tender/bid should be submitted in the prescribed proforma for ₹1000.00 towards tender fee. (Pay through e-Payment mode online on portal, e-Payment facility are available on website for making the payment through Debit/Credit Card/ Net Banking.Tender/bid not accompanied by tender fee stands automatically rejected.
- 4. Earnest Money Deposit (EMD):** **EMD of ₹ 44000/-** (Rupees Forty Four Thousand only) is a must and should be submitted along with the tender/bid. (Pay through e-Payment mode online on portal, e-Payment facility are available on website for making the payment through Debit/Credit Card/Net Banking).
- 5. EMD of successful bidder** will be refunded on completion of contract period and/or extended period. EMD will not bear any kind of interest. EMD of unsuccessful bidder/s will be refunded on deciding after finalization of the contract. Tenders received without valid EMD stand automatically rejected. (Pay through e-Payment mode online on portal, e-Payment facility are available on website for making the payment through Debit / Credit Card / Net Banking).
- 6. Tender Fee** should be separate and should not be combined with EMD. Upload the Online e-Payment Receipt. (Pay through e-Payment mode online on portal, e-Payment

facility are available on website for making the payment through Debit/Credit Card/Net Banking).

7. Security Deposit: Security Deposit @ 10% of the work order value will have to submitted by the succesful bidder on award of work and the same shall be refunded on completion of the warranty period as mentioned in contract.

Tender should be submitted online only.

Bid Forms and Documents scan copies should be submitted online only.

8. **Acceptance of tender conditions:** The tenderer should read the 'General Terms and Conditions' of IIM Mumbai annexed hereto and give acceptance. The tenderer is advised to visit the IIM Mumbai on any working day with prior intimation between 10.00 hours and 16.00 hours to assess the nature and quantum of work before tendering.
9. **Filling tender documents:** The tender should be clearly filled or typed and signed in ink legibly giving full address and contact details of the tenderer. The tenderer should quote in figures as well as in words the amount tendered by him. Alteration if any, unless legibly attested by the tenderer with full signature shall invalidate the tender. Tender should be duly signed by the authorized person(s). In case there is any difference in the amount between figures and words, the amount indicated in words will be treated as valid offer. The tenderer should ensure that the figures of amounts are written in such a way that interpolation is not possible. No blank space should be left

This notice is also available on website CPP Portal & on IIM Mumbai website : <https://eprocure.gov.in/eprocure/app> & www.iimmumbai.ac.in for downloading of tender documents.

The Tender document can be downloaded from IIM Mumbai e-Procurement Website i.e, <https://eprocure.gov.in/eprocure/app> or from IIM Mumbai's Official website. The tender should be submitted through online mode only.

IIM Mumbai reserves the right to reject any or all tenders without assigning any reason thereof.

Note: Information about e- Procurement Portal.

More information useful for submitting online bids on the e-Procurement Portal may be obtained at <https://eprocure.gov.in/eprocure/app>.

KEY INSTRUCTIONS for BIDDERS by clicking on “Latest Circulars/Formats/Help Manuals/Faq”. The complete Step by Step “Vendors Help Manual For e-Procurement/e-Tendering Process, Vendors Registration Process, System Settings Requirements & JAVA Settings Manuals, e-Payment Guidelines” & “Digital Signature Certificate Process” this details are available on e-Procurement Website for e-Tenders

Note: Online Support / Web Support / E-Mail Support / Phone Support are also available for Bidders as well as Department Officials. Online support through “Team viewer” , “Ammy Admin” Or “Any Desk” Remote software only. For Downloading this software , the downloading software links are available on home page of e-Procurement Website.

1. Bid to be submitted online within the due date.
 2. Tenders should be submitted only through e-Tender portal and obtain the Tender Acknowledgement copy as a proof of successful submission.
 3. All prospective bidders are requested to visit our E-PROCUREMENT WEBSITE regularly for any such updates / corrigendums.
 4. Please see attached e-Tender Documents
 5. All the Documents, Scanned copies should be uploaded online also Tender submission through online mode only.
- 5.1 Attestation of documents by the contractor:** All the documents, submitted by the tenderer should be attested by the contractor. And same scanned copies should be submitted online also.
- 5.2 Producing originals documents for verification:** All above concerned original documents should be produced for verification at any stage of tender process or as and when sought for, failing which the bids are liable for disqualification.

EXECUTIVE ENGINEER

NOTICE INVITING E-TENDER

Executive Engineer IIM MUMBAI, Mumbai- 400 087 invites item rate e-Tenders for the following work:

- 1 NIT No. : IIMMumbai/Estate/2024-25/01
- 2 Name of Work : Supply and Installation of Retrofitting Emission Control Device for 750kVA DG set at IIM Mumbai
- 3 Estimated Cost : ₹22,00,000.00/- (Inclusive of all taxes)
- 4 Earnest Money Deposit : ₹44,000.00
- 5 Period of completion : 14 Weeks
- 6 Tender Fee : ₹ 1000.00/- (Non refundable)
- 7 Start date for downloading : 17-04-2024 from 11:00 am onwards.
- 8 Last date for downloading of tender form : 29-04-2024 upto 5.00 pm
- 9 Last date & time of submission for bid : 30-04-2024 upto 11:00 am
- 10 Date of opening of tender : 01-05-2024 at 11:30 am
- 11 Validity period of tenders for acceptance : 180 days from date of opening
- 12 Place of submission of tender : Online mode only

For more clarification you may visit on above website and contact 022-28035377/28035213.

Executive Engineer

TERMS AND CONDITIONS

A. Scope of Work:

The scope of work under this inquiry covers all directly or indirectly related works for SITC of Type tested retro-fit emission control device (RECD) on existing 750 kVA DG set such as:

1. Supply, Installation, Testing and Commissioning of Type Test approved Emission Control Device on existing DG sets of 750 kVA of Powerica Make , Cummins Engine model :KTA-38G2-I BHP890 Stamford alternator coupled as per latest MPCB/CPCB notification to achieve minimum specified particulate matter capturing efficiency of at least 70%.
2. DG Set emission testing at site before and after installation of RECD from CPCB/MPCB accredited laboratory and submission of reports.
3. Providing all test certificates, drawings and operating manual of RECD and associated items, if any.
4. Providing maintenance manual of RECD and required consumables (if any) for same for a minimum running of 500 Hrs.
5. Providing training of operators and providing Statutory Clearances required (if any).
6. All works including civil, electrical, mechanical etc. are under scope of work of this Contract. Nothing extra other than the quoted rate shall be paid by IIM.

B. Additional Terms & Conditions:

1. Supply, Installation, Testing, Commissioning as per scope of works, is to be carried out by Type Test Approved OEM only.
2. The bidders have to submit following:
 - i) Type Test Certificate of the proposed product from approved laboratories/ departments as mentioned at Sr No:4.
 - ii) All technical details of the offered system along with the leaflets of the product.

In Price Bid the bidders has to quote their rates for all works as per scope of works including any other work which is necessary for proper functioning, safety and long life of the system.

3. The Bidder is advised to visit and examine the installation site and its surroundings and gather all information that may be necessary for preparing the Bid. The costs of visiting the site shall be borne by the Bidder.
4. Retro fit emission control device for DG set should have Type Approval Certificate from any of the following CPCB approved laboratories:-
 - i. Automotive Research Association of India, (ARAI, Pune)
 - ii. International Centre of Automotive Technology, (ICAT Manesar)
 - iii. Indian Institute of Petroleum, (IIP Dehradun)
 - iv. Vehicle Research Development Establishment, Ahmednagar (VRDE, Ahmednagar)

Type Test Certificate of the product shall be submitted along with the bid.

5. Retro-fit emission control device should be confirming to MPCB notification to achieve minimum specified particulate matter capturing efficiency of at least 70%. The particulate matter shall be tested at site first without the device on DG during a continuous operation of 2 Hours with 50-70 % load. Thereafter it will be measured after installation of retrofit emission control device during a continuous operation of 2 Hours with 50-70 % load. From the test results particulate matter capturing efficiency of at least 70% to be achieved.
6. The RECD should have no effect on exhaust back pressure of the engine. The back pressure of the engine shall be maintained within prescribed limit of the engine manufacturer.
7. The installation of RECD should not have any adverse effect on the engine power producing capacity.
8. The Bidder shall not be entitled to hold any claim against Buyer for non compliance due to lack of any kind of pre-requisite information as it is the sole responsibility of the Bidder to obtain all the necessary information with regard to site, surrounding, working conditions, weather etc. on its own before submission of the bid.
9. **Time of Completion:** Completion time for the all the works as per scope of work shall be 14 weeks.

10. **Terms of Payment:** Payment shall be made after completion of all works of supply, installation, testing and commissioning of the system on submission of the bills in proper format by the contractor
11. **Warranty:** Warranty period of the supplied products shall be 2 years from the date of final acceptance of the system by IIM Mumbai. OEM Warranty certificates must be submitted by successful bidder at the time of delivery of Goods. The bidder should guarantee the rectification of goods in case of any break down during the guarantee period. Bidder should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service facility in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be provided along with the bid.
12. Any damage done by the contractor or his workmen to any existing work during the course of execution of the work shall be made good by him at his own cost.
13. Bidder should obtain all the necessary approvals/Certificates (if mandatory) from MPCB/Maharashtra Pollution Control Committee with regards to successful compliance to their latest notification. Statutory Fees shall be reimbursed by IIM Mumbai after submission of original fees receipt and original document of certificate/approval. It is the responsibility of agency to take the approvals and liaison with concern department to get all the necessary approvals and certificates as required.
14. All men and material shall be arranged by Contractor. The quoted price shall include all such costs to complete the work as required at site. Nothing extra shall be paid for one or other sundry works.

E-TENDER

(FINANCIAL BID)

Name of Work:- Supply and Installation of Retrofitting Emission Control Device for 750kVA DG set at IIM Mumbai .

Note : Below Schedule is for reference purpose only , the EXCEL (.xls) form are available on e-Tender website , vendors need to download and upload the filled price bid form online on e-Tender website.

(i) To be submitted by 11.00 hours on dated 30.04.2024

Issued to:.....

Signature officer issuing the documents.....

Designation.....

Date of issue.....

IIM MUMBAI

SCHEDULE

Name of Work : Supply and Installation of Retrofitting Emission Control Device for 750kVA DG set at IIM Mumbai

Note : Below Schedule is for reference purpose only , the EXCEL (.xls) form are available on e-Tender website , vendors need to download and upload the filled price bid form online on e-Tender website.

| Sr No | Item | Qty | Unit | Rate | Amount (Rs) |
|-------|--|-----|------|------|-------------|
| | Retrofit Emission Control Device (RECD) | | | | |
| 01 | Supply, Installation, Testing and Commissioning of Retrofit emission control Device suitable for DG set with following requirements as given below in existing 750kVA DG set | 01 | Nos | | |
| | <p>Retro-fit emission control system should be as per Statutory Authorities recommendations to achieve minimum specified particulate matter capturing efficiency of at least 70%. The emission control system shall be type tested and approved from Central Pollution Control Board (CPCB) approved laboratories any one from the below.</p> <ol style="list-style-type: none"> Automotive Research Association of India, (ARAI,Pune) International Centre for Automotive Testing, Manesar(ICAT,Manesar) Vehicle Research Development Establishment, (VRDE,Ahmednagar) Indian Institute of Petroleum, (IIP,Dehradun) | | | | |
| | <p>Retro-Fit emission control system of suitable rating or sizes shall be installed or retrofitted in existing exhaust pipe with required modifications and suitable design compatible for respective model of diesel engine prime mover of DG sets and have safety precautions to ensure no damage to the engine operations under any circumstances</p> <p>Safety system provided to engine from higher back pressure, engine vibration, and high temperature operations to avoid any malfunction, it should be within the limits as recommended by DG OEM.</p> <p>The emission reduction will be verified after installation of unit at site by any of the air pollution labs approved by CPCB or MPCB</p> | | | | |
| | Total Amount | | | | |
| | GST@ 18% | | | | |
| | Grand Total | | | | |
| | Grand Total: Rs | | | | |

CONTRACTOR

EXECUTIVE ENGINEER