

**NAME OF WORK: Supply & Replacement of Corroded
Condenser Water Piping & accessories of Central AC Plant at
AIESL MRO Nagpur.**



**Tender Enquiry No. EFD/Nag MRO/2023-24/006
Dtd. 16 NOV 2023**

Pl. reply to:

**General Manager- Engg., MRO
AI Engineering Services Ltd.
MRO Unit, MIHAN SEZ, Nagpur - 441108
Ph. 0712 280 0000 Extn. 228
Email: amit.parate@aiesl.in**

NAME:.....

ADDRESS.....

.....

.....

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SECTION – I

INVITATION TO TENDER

1.1. Sealed Tenders are invited by AIESL (AI Engineering Services Ltd.), MRO, SEZ Unit, Nagpur for the subject work:-

- i) Date of submission of tender..... 1500 hours of 04 Dec 2023
- ii) Date of tender opening:
 - a) Technical bid..... 1530 hours of 04 Dec 2023
 - b) Price bid.....1600 hours of 04 Dec 2023

OR on a later date as decided by AIESL after verification of technical bids.

- iii) Estimated cost.....Rs. 8,55,000/-
- iv) Earnest money deposit..... Rs. 8,550/-
- v) Security Deposit.....Rs. 5% of Contract value
- vi) Completion period..... 08 weeks from the date of issue of works order

For Further details, prospective bidders may please contact:-

Mr. Amit Parate, Executive-Engg,EFD, Email: amit.parate@aiesl.in,

Tel. 0712 2800000 Extn. 228

1.2. Tenders shall be valid for a period of 90 days from the date of opening of the tender. Copies of the tender document can be obtained from the office of AIESL MRO, Mihan SEZ, Nagpur- 441108.

1.3. Tender is to be submitted to office of:-

**General Manager - Engg., AI Engineering Services Ltd. MRO, MIHAN SEZ,
Nagpur - 441108.**

In 2 (two) envelopes, as under

**Part I Technical bid (Envelope marked – I)
Part II Price bid (Envelope marked - II)**

Both parts shall be submitted in separate envelopes and shall be identified / marked clearly as technical bid & price bid

Signature of Bidder:

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1.4. Part – I, Technical bid (Envelope 1) shall include:

- a) DD / BG towards EMD or EMD Exemption certificate for small scale industries, special conditions of contract, Technical Specifications, scope of work etc.
- b) Duly filled in Technical Bid strictly as per the format provided.
- c) Technical Bid pages should be duly signed and stamped by the bidder.
- d) All the mandatory supporting documents asked for in the technical bid
- e) The Technical Bid Envelope should be sealed and super scribed as **“Technical Bid: Tender Enq. No. EFD/ Nag MRO / 2023-24 / 006 dtd. 16 Nov 2023”**
- f) Technical Bid should not contain any details of price bid/commercial bid. If the Price Bid details / Commercial bid details found in technical bid envelope, then your bid will be disqualified and neither the Technical Bid nor the Commercial Bid will be considered.

1.5. Part- II, Price bid (Envelope-2) shall include:

- a) Price quoted along with the bill of quantities as per schedules provided in BOQ
- b) The price Bid pages should be signed and stamped by the bidder
- c) The price bid offer should be strictly in the in the format provided
- d) The envelope containing dully filled in price bid should be sealed and super scribed as **“Price Bid: Tender Enq. No. EFD/ Nag MRO / 23-24 / 006 dtd. 16 Nov 2023”**.

If the price bid is received (or) put in an open condition inside the technical bid or the Master Envelope, then your bid will be disqualified and neither the Technical Bid nor the Price bid will be considered.

- e) Bidder shall initial all corrections; sign all pages of the tender/Bid document and all the enclosures accompanying their bid document before submission.

1.6. Envelope-3 should contain the following:

- a) Envelope-1 (Technical Bid)
- b) Envelope-2 (Price Bid)

Signature of Bidder:

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- 1.7. Tech. Bid for Part-I will be opened first. – Payment of EMD or EMD Exemption certificate shall be ensured. The technical clarifications, if required will be sought by AIESL.
- 1.8. Price bid part – II of all bidders, who qualify the technical bid, shall be opened on the same day, if no technical clarifications are required. Else, it will be opened on a later date after technical clarifications have been sought and received.
- 1.9. Tenderer shall submit all clarifications / confirmations, in sealed envelope to GM-Engg, MRO as mentioned above within the specified time.
- 1.10. An authorized person, holding the power of attorney shall sign tenders.
- 1.11. Tenders shall be filled in English and all the erasers and altercations must be duly attested. Overwritten figures are not permitted.
- 1.12. The tenders shall be accompanied by the
DD favoring 'AI Engineering Services Limited' payable at Nagpur, of Rs. 8,550/-
towards Earnest Money Deposit - Refundable
OR
An irrevocable Bank Guarantee for Rs. 8,550/- and valid for 90 days from date of
technical Bid Opening, will also be acceptable in place of DD.
- 1.13. Tenders not accompanied by EMD will not be considered for opening. Parties registered with National / State Small Industries Corporation Ltd., SME, MSME are exempted from payment of EMD. Parties interested in obtaining such exemption shall enclose the latest valid (not earlier than 3 years from date of issue of tender documents) certificate issued by the relevant small industries corporation for the relevant field, along with the technical bid

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1.14. Earnest money of successful bidder will be adjusted in Security Deposit. Earnest money of unsuccessful bidder will be refunded within one month from the date of expiry of the validity of bids. Earnest money will not bear any interest.

1.15. AIESL reserves the right to accept the tender in full or part or reject any or all without assigning any reason.

1.16. Our 'General Conditions of Contract' are available for your perusal in our office.

For, AI Engineering Services Ltd.

A handwritten signature in black ink, appearing to read 'Sanjay Dwivedi', is positioned above the printed name.

**Mr. Sanjay Dwivedi
General Manager- Engg, (MRO).**

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SECTION II

1 SCOPE & DESCRIPTION OF WORK:

- A. Supplying & laying, testing & commissioning mild carbon steel 'C' class pipe of size as mentioned in BOQ (price bid format) on exposed surface including connection with existing condenser water line with flanges, dummy flanges at end of pipe, necessary claps, anti-vibration mountings, fabrication of bends, tees, reducers, shoe, support / MS angle- clamp & support for exposed surface complete as required & as per instruction of EIC. (Make: Tata Steel, Jindal). The Pipes of sizes 150 mm & below shall be M.S. 'C' class as per IS:1239 and pipes size above 150 mm shall be heavy class of thickness min. 7mm as per IS:3589.
- B. Supply, installing & positioning of butterfly valves cast iron body with SS-304 disc & PN-16 rating of size mentioned in BOQ (Price Bid format) gear type with removable hand lever operated including nut, bolt, flanges, gasket duly painted with Synthetic Enamel Paint as per specification complete as reqd. (Make: Zoloto, L&T, Honeywell)
- C. Supply, installing and positioning of 40 mm dia CI non-return valves (ball type) including necessary fittings etc., complete as required (Make: Zoloto, L&T, Honeywell)
- D. Supply, Installation of C-PVC piping for overflow & drain line including fittings- flanges, tee, elbow, union etc. of sizes mentioned in BOQ (Price Bid format) & instructions of EIC. (Make: Supreme, Astral, Aashirvad, Finolex, Prince).
- E. Providing, Preparing & applying one coat of Red Oxide Zinc Phosphate primer and 02 coats of Synthetic Enamel Paint of RAL Code 6010, (Make: Asian, Berger, Jotun,) alongwith stenciling on condenser water piping in White Color, complete as required.
- F. Dismantling, Cutting, Removing & Shifting of existing MS Piping within premises as directed & per instruction of EIC.
- G. Installation and Commissioning of all necessary required components supplied for incorporating in this work. The Bidder shall & must inspect the site prior to bidding.

Signature of Bidder:

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2. CONTENTS OF TENDER

- 2.1. Any tender found incomplete in terms of any of the foregoing shall be liable to rejection.
- 2.2. The Tenderer must be able to complete the entire work as per the intent of technical specifications and scope of work as mentioned in Tender Documents.
- 2.2. In the event of any contradictions between the General Terms of Contract and the above said, this document should supersede the General terms & Conditions.

3. HANDING OVER DOCUMENTS (3 sets in folder)

- 3.1 Work completion Certificate and Joint Measurement Sheet
- 3.2 Warranty cards/details of valves and other components
- 3.3 Contact details of personnel for maintenance / repair / warranty

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SECTION - III

A. SPECIAL CONDITIONS

1. Site Conditions :

- 1.1. The site for this work is at AIESL MRO, MIHAN SEZ, Nagpur and it is a security sensitive area. The contractor will keep entry passes always valid and will employ safe practices at work.
- 1.2. Interested bidders must visit the Site, study the tender documents, take the actual measurements and fully clarify to understand the exact work content and note the site conditions before quoting. This proposed work is to be done in existing working area; hence contractor must understand the site constraints.
- 1.3. A qualified and responsible supervisor will always remain present at site, when the work is being carried out. He will ensure compliance of standard safety precautions and use of safety equipment.
- 1.4. Any damage caused during the execution of work, will be made good by the contractor on his own cost, else the cost of damages will be recovered from the payment due to contractor.
- 1.5. AIESL will provide adequate space for keeping the contract material, but it will be contractor's responsibility to ensure its security. The contractor will maintain the site clean and remove all waste / loose / unwanted items regularly.

Signature of Bidder:

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2. Commercial Conditions

- 2.1. The quoted rates must be inclusive of all costs towards labor, material, tools, equipment, instruments, access stands, lifting tackles, hardware, consumable, transport, insurance etc. whatever required to complete the proposed work.
- 2.2. The 'PRICE Format' sheet of tender documents must be filled in properly and completely. Only attached AIESL formats will be used by bidders for filling in Bill of quantities and Commercial details. Please see the Payment Terms for GST clarifications for SEZ units.
- 2.3. The payment will be made as per the joint measurement for the work actually completed at site and handed over to AIESL. No payment will be admissible for any excess or wastage.
- 2.4. The quantities mentioned in the BOQ are tentative and may vary depending on the site requirements. The contractor will not have any claim towards change in quantities. The contractor must take his own measurements before buying the material.
- 2.5. Contractor will not do any extra work leading to any extra payment, without permission of EIC. Any change in design, layout, scheme, tech specifications etc. must be duly approved in advance.
- 2.6. The contractor will take out and ensure the validity of Workmen's compensation Insurance Policy for the workers deployed at site

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- 2.7. The Defects Liability period will be one year from the date of completion of work. AIESL will retain 5% of contract value as Security Deposit for this period. The contractor will attend all defects arising during this period at no extra cost. The response time will be next working days and the defects will be attended within maximum 5 working days. Alternately, this security deposit can be in form of a Bank Guarantee of equal amount for one year period.
- 2.8. All interim and final bills will be submitted in 2 copies along with 2 copies of duly signed Joint Measurement sheet for the work done.
- 2.9. Liquidated Damages – For non- completion of the work within the prescribed time, the contractor will be liable to pay the liquidated damages at a rate of 1.5% of the contract value for per week of delay subject to a maximum of 15% of contract value or the actual value of completed work. Extension of time will be considered by AIESL, in case of the delay not owing to the contractor.

3. Payment terms:

- 3.1. AIESL MRO Nagpur being approved SEZ unit in MIHAN SEZ, GST is exempted to AIESL. Contractor shall submit Letter of undertaking (LUT)/ Bond to avail GST benefits.
- 3.2. AIESL will make payment within 30-45 days from date of receiving the technically and commercially clear bill after satisfactorily completion of work.
- 3.3. 60% of Contract Value on delivery of Contract material at site, 35% on Installation, Testing and handing over and 5% after one year of Defects Liability Period. This last 5% amount too can be released in lieu of a Bank Guarantee for one year for same amount.

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SECTION - IV

ANNEXURE-I

Please submit the relevant documents as part of Technical Bid–Sealed Envelope – 1

1. Details of Firm / Company:

Firm's name:

Address:

Contact No. and Email ID:

Contact person:

2. Average Annual financial turnover during the last 3 years, ending 31st March of the previous financial year should be at least 30% of the estimated cost.

Supporting Documents shall be submitted in the envelope.

3. Details of similar works done

The contractor should have executed successfully in their independent capacity similar works during last 7 years ending March 31, 2023 which should be either of the following:-

(a) Three similar completed works (at least one of them should be in Central Govt./ State Govt. / PSUs / Power Station / Corporate Major Industries, each Costing not less than 40% of Estimated cost (Rs. 3.42 Lacs)

OR

(b) Two similar completed works costing not less than 50% of Estimated cost (Rs. 4.27 Lacs)

OR

(c) One similar completed work costing not less than 80% of Estimated cost (Rs. 6.84 Lacs)

Supporting Documents shall be submitted in the envelope.

4. All contractors applying for works listed above should have a valid PAN and GST registration.

Signature of Bidder:

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A. Basic Information About The Firm

Sl. No.	Description	Contractor's Information
1	Name and Address of the firm	
	Telephone / Fax no.	
	Name of Contact person	
	Mobile No: of Contact person	
	E-Mail Id	
2	Type of organization (Proprietorships/partnership/ltd. Co. etc.) copy of relevant document to be enclosed	
7	Date of Incorporation/commencement of Business	
8	Experience as a prime contractor	
9	PAN	
10	GST No.	
11	Education and Experience of Key Technical Staff	
12	Details of Govt Agency / Central public sector undertaking / Major Industry for which is your firm is empaneled	

B. Financial Position

		2020-21 In Lakhs	2021-22 In Lakhs	2022-23 In Lakhs
1	Annual Turnover			
2	Net Profit			
3	Copy of Audited Financial Statements for past 3 Financial years (Enclosed)	Yes / No		
4	Copy of Income Tax returns for the past 3 Financial years (Enclosed)	Yes / No		

Signature of Bidder:

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Checklist of Documents to be submitted

1. Duly Filled and signed tender documents including Section-IV Annexure-1
2. Copy of Pan Card
3. Copy of GST registration
4. Copies of Audited Financial Statements for the Past 3 financial years OR Copies of Income Tax returns submitted for the past 3 financial years.
5. Copies of Work Orders & Completion Certificates with contact details of clients
6. Any other supporting documents.



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Estimated cost :Rs. 8,55,000/-

BILL OF QUANTITIES					
S.No.	DESCRIPTION OF WORK	Unit	Qty.	Rate in Rs.	Amount in Rs.
1	Supplying & laying, testing & commissioning mild carbon steel 'C' class pipe as per scope of work mentioned in tender enquiry of size as mentioned below:	--	--	--	--
a	200 mm	RMTS	31		
b	100 mm	RMTS	20		
c	40 mm	RMTS	14		
2	Supply, installing & positioning of butterfly valves of following sizes as per scope of work mentioned in tender enquiry:	--	--	--	--
a	200 mm	EA	6		
b	80 mm	EA	3		
3	Supply & installing and positioning of 40 mm dia CI non return valves as per scope of work mentioned in tender enquiry	EA	3		
4	Supply, Installation of C-PVC piping as per scope of work mentioned in tender enquiry, of size as mentioned below:	--	--	--	--
a	100 mm	RMTS	30		
b	80 mm	RMTS	18		
5	Providing, Preparing & Painting of complete pipeline as per scope of work mentioned in tender enquiry	SQFT	1100		
6	Dismantling, Cutting, Removing & Shifting of existing MS Piping as per scope of work mentioned in tender enquiry	LOT	1		
Total amount quoted Exclusive of GST					

Quoted Amount in words Rs.

I / We hereby declare that I / We have read and understood the scope & description of work, General & additional conditions of Contract and hereby agree to abide by the same.

Date:

Place:

Name, signature, address and seal of
the tenderer

email
mob no.