

NAME OF WORK: Supply, fixing & erection of G.I barbed wire with RCC post (5 line Horizontal) Fencing around periphery of 19 acre plot of AIAHL located in MIHAN SEZ, opp the site of AIESL MRO Nagpur.



Tender Enquiry No. EFD/Nag MRO/2023-24/008
Dtd. 16 Jan 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

Sr. No.	PARTICULARS	DETAILS
1.	Name of the Work	Supply, fixing & erection of G.I barbed wire with RCC post (5 line Horizontal) Fencing around periphery of 19 acre plot of AIAHL located in MIHAN SEZ, opp the site of AIESL MRO Nagpur.
2	Estimated Cost	Rs. 20,55,000/-
3	Earnest Money Deposit	Rs. 41,100/-
4	Security Deposit	5% of Contract Value
6	Work Completion Period	10 Weeks
7	Last Date of receipt of Pre-qualification application	On or Before 1700 hrs of 19 Feb 2024 through GeM (Government E-Marketplace) portal only.
8	Availability of bidding documents	Can be downloaded from www.aiesl.in and available on GeM Portal
9	Tender document Fee	NIL
10	Last date, Time and place for receipt of bids	Bids will be accepted through GeM only.
11	Validity of the Offer	Ninety (90) days from the date of submission of Bid.

Signature of Bidder:

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For Further details, prospective bidders may please contact:-

Mr. Navin Zode, Dy.GM-Engg, Email: navin.zode@aiesl.in

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 official website of AIESL, i.e. www.aiesl.in and on GeM (Government E-Marketplace) portal.

1.3. Bids (Technical and Financial) is to be submitted online through GeM Portal only

1.4. Part – I, Technical bid shall include:

- a) Payment details towards EMD.
- b) MSME/MII units registered with NSIC under its Single Point Registration scheme/ Public Sector Units/Central/State Government undertakings would be exempted from the submission of EMD.
- 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
- 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, then your bid will be disqualified and neither the Technical Bid not the Commercial Bid will be considered.

1.5. Part- II, Price bid 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 alongwith the bid document.
- d) Bidder shall initial all corrections; sign all pages of the tender/Bid document and all the enclosures accompanying their bid document before submission.

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. Bidders shall submit all clarifications / confirmations, through GeM only as 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 alterations must be duly attested. Overwritten figures are not permitted.
- 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.

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

Signature of Bidder:

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SECTION II

1 SCOPE & DESCRIPTION OF WORK:

Total running meters of this 19 Acre plot is measured as 1134.58 MTRS along with additional corner area having radius of 39.8 MTRS.

- i. Coarse aggregate shall be of hard broken stone of granite or similar stone, free from dust, dirt and other foreign matters. The stone blast shall be of 20 mm (3/4") size and down and all should be retained in a 5 mm square mesh (1/4") and well graded.
- ii. Sand shall be of standard specifications clean and free from dust, dirt and organic matters. Sea sand shall not be used. Sand to be used for cement concrete work, mortar for masonry and plaster work shall be of standard quality.
- iii. Cement shall be fresh Portland cement of standard I.S.I. specifications (Make: Ultratech, ACC, Ambuja Cements, JK Cements, Birla Corp, Binani, Dalmia), and shall have the required tensile and compressive stresses and fineness.
- iv. Steel reinforcing bars shall be of mild steel or deformed steel of standard specifications and shall be free from corrosion, loose rust scales, oil, grease, paint etc. The steel bar shall be round and capable of being bent (doubled over) without fracture.
- v. **G.I. barbed wire:** The barbed wire shall be of galvanized steel as specified and it shall conform to IS 278.
- vi. **RCC Post:** All posts and struts shall be of 100 X 100 mm square shape, the length of posts being 2.1 m. These shall be cast in cement concrete 1:1 ½ :3 (1 cement : 1 ½ coarse sand : 3 graded stone aggregate 12.5 mm nominal size) reinforced with 10 mm diameter tor steel bars as directed and finished smooth with cement mortar 1:2 (1 cement: 2 fine sand). The specifications for R.C.C.

Signature of Bidder:

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work shall apply. The posts shall be free from cracks, twists and such other defects. G.I. staples on wooden plugs or 6 mm bar nibs will be provided as directed by Engineer-in-Charge while casting the posts.

- vii. **Spacing of Posts:** The spacing between RCC posts shall be Three (3) meters centre to centre embedded in cement concrete blocks or as directed by the Engineer -in-Charge to suit the dimensions of the area to be fenced. Every 15th, last but one end post and corner posts shall be strutted on both sides and end posts on one side only strictly as per I.S. 4996:1984 and guidelines of CPWD.
- viii. **Fixing of Posts:** Pits 45 x 45 cm and 75 cm deep or as directed shall first be excavated true to line and level to receive the posts. In the case of struts, pits 70 x 45 x 75 cm deep or as directed shall be excavated to suit the inclination of the strut so that it is surrounded by concrete by not less than 15 cm at any point. The pits shall be filled with a layer of 15 cm thick cement concrete 1:3:6 (1 cement: 3 fine sand: 6 graded stone aggregate 40 nominal size). The posts and struts shall then be placed in the pits, the posts projecting 1.5 m height above ground, true to line and position. The cement concrete 1:3:6 shall be filled in upto 15 cm for posts and 25 cm for struts below ground level at the base of the concrete so that the posts are embedded in the cement concrete block of size 45 x 45 x 60 cm and strut in block of size 70 x 45 x 50 cm. The concrete in foundations shall be watered for at least 7 days to ensure proper curing. The remaining portions of pits shall be filled up with excavated earth and the surplus earth disposed off as directed by the Engineer-in-charge and site cleared.

Heads of all RCC Post (15 cm from Top) shall be painted in Red color with water based emulsion paints (Make: Asian Paints, Berger, Shalimar paints, Indigo Paints).

- ix. **Fixing G.I. Barbed Wire:** The barbed wire (12.5mm gauge, spacing of points – 4 inches) shall be stretched and fixed in five numbers of rows and two diagonals

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of barbed wires of same size between the two post fitted. The bottom row shall be 15 cm above ground and the rest at 30 cm centre to centre. The barbed wire shall be held to the R.C.C. posts by means of G.I. staples fixed to wooden plugs or G.I. binding wire tied to 6 mm bar nibs fixed while casting the posts.

- x. **Materials:** All the Materials what are used by the contractor that must be ISI marks or reputed/approve brand.

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 Contact details of personnel for maintenance / repair / warranty / DLP

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SECTION - III

A. SPECIAL CONDITIONS

1. Site Conditions :

- 1.1. The site for this work is near to 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.

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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 0.5% of the contract value for per week of delay subject to a maximum of 10% 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. 95% of Contract Value after completion of work and receipt of commercially clear invoice along with all supporting documents. Remaining 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 through GeM Portal only

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.

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. 8.22 Lacs)

OR

(b) Two similar completed works costing not less than 50% of Estimated cost (Rs. 10.28 Lacs)

OR

(c) One similar completed work costing not less than 80% of Estimated cost (Rs.16.44 Lacs)

4. All contractors applying for works listed above should have a valid PAN and GST registration.
5. All Contractors must possess valid State/Central PWD license to execute the subject work.

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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	
3	Date of Incorporation/commencement of Business	
4	Experience as a prime contractor	
5	PAN	
6	GST No.	
7	Education and Experience of Key Technical Staff	
8	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		

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Checklist of Documents to be submitted/uploaded in GeM Portal

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