



MISHRA DHATU NIGAM LIMITED

A Government of India Enterprise, Ministry of Defence
P.O. Kanchanbagh, Hyderabad – 500 058, Telangana, India
Phone: 040 – 24184578/24184646, Website: www.midhani-india.in

Invites

“Supply, Installation & Commissioning of Scrap Turnings Cleaning Unit”

EOI Ref No: MDN/PUR/EOI/055/2026-27, Date: 23.06.2026

Receipt of EOI on/before: 24.07.2026, 10.30 Hrs, IST.

Opening of bids / responses: 24.07.2026, 11.00 Hrs, IST.

Note:

- All Bidders/ Applicants need to submit the required Documents as listed in Sealed Cover on or before 24.07.2026 by 10:30 Hrs.
- Any Corrigendum to the EOI shall be published in MIDHANI website only, www.midhani-india.in

List of Documents: -

S. No	Document Description
1	Invitation to EOI
2	Annexure I: Application form
3	Annexure II – Certificate to be given by applicants with EOI/response for Local content
4	Annexure III – Integrity pact

INVITATION TO EXPRESSION OF INTEREST (EOI)

INTRODUCTION AND OBJECTIVE:

Mishra Dhatu Nigam Limited (MIDHANI), a Defence Public Sector company has been playing a very active role in development and manufacture of strategic materials for various sectors. MIDHANI is a unique integrated metallurgical plant located in Hyderabad, Telangana, INDIA. It has wide manufacturing facilities for manufacture of Special steels, Super alloys and Titanium alloys in various forms and sizes. More information can be found on www.midhani-india.in Further, MIDHANI has commissioned several projects and few of them are 3000 mm Wide Plate Mill, Skull Melting Furnace, Spring Manufacturing facilities etc.,

TENDER DOCUMENT EOI for

Supply, Installation & Commissioning of Scrap Turnings Cleaning Unit.

1. Notice Inviting for EOI

MIDHANI invites sealed tenders from eligible bidders for design, engineering, supply, installation and commissioning of Scrap Turnings Cleaning Unit.

2. Scope of Work

Complete system including design, supply, installation, commissioning, trial runs, training, and documentation.

3. Detailed Technical Requirements

System shall remove oil, grease, coolant and sludge from metallic turnings. Should include cleaning, drying, oil recovery and sludge handling.

Brief process flow: Scrap Turnings → Feeding → Screening → Primary Cleaning (Degreasing) → Rinsing → Drying → Oil Recovery → Sludge Handling → Clean Scrap Discharge System shall handle contamination such as oil, grease, coolants, pickling sludge and oxide scale from furnace operations.

3A.1 Input Material & Process Requirements 3A.1

Material Grades (Indicative):

- Stainless Steel (SS 304, SS 316, SS 410, etc.)
- Alloy Steels
- Nickel-based alloys
- Titanium alloys (if applicable)

Vendor to confirm compatibility with above materials.

3A.2 Capacity Requirement:

- Minimum Throughput: 100 kg/hour
- Capacity shall be for complete cleaning including oil removal, sludge removal and drying. Vendor to specify cycle time and achievable throughput.

3A.3 Turning Size (Input Specification):

- Length: 10 mm to 150 mm
 - Types: Spiral turnings, broken chips, mixed scrap
- System should avoid choking due to entangled turnings.

3A.4 Screening Requirements:

- Screening mesh size: Vendor to propose (preferred ~3 mm)
- Purpose: Removal of fines, sludge, oxide scale, dirt and foreign particles

Contamination Characteristics:

4. Mandatory Submission Requirements

Submission must include Process Flow Diagram (PFD), GA drawings, and list of installed units with client contact details.

5. Eligibility Criteria

Interested vendors should Have proven experience in supplying similar machinery Provide references of past installations Demonstrate strong technical and service support capability Be financially stable and capable of executing the order Offer warranty and long-term maintenance support.

6. Performance Guarantee

System must achieve agreed cleaning efficiency and throughput.

7. Submission Requirements: Interested parties are requested to submit:

- Company profile and credentials
- Product catalog and technical specifications
- Details of previous similar projects
- Preliminary commercial details (optional at this stage)
- Service and support capabilities

8. Evaluation Criteria: Submissions will be evaluated based on:

- a Technical compliance
- b Experience and past performance

- c After-sales service capability
- d Cost competitiveness (at later stage)

Disclaimer: This EOI is not a tender or request for proposal. It is intended solely for information gathering and vendor identification. MIDHANI reserves the right to accept or reject any submission without assigning any reason.


23/6/28
Sr. Manager (Purchase)

अमित कुमार सिंह / Amit Kumar Singh
वरिष्ठ प्रबंधक (क्रय) / Sr. Manager (Purchase)
मिश्र धातु निगम लिमिटेड/Mishra Dhatu Nigam Limited
कंचनबाग, हैदराबाद-58 / Kanchanbagh, Hyd-58

ANNEXURE-I

APPLICATION FORM
(To be filled by the Applicant)

Sl. No	Description	Response from the Party
1	Name of the firm	
2	Address of the firm with website	
3	Details of contact person	Name : Email : Tel/Mob : Fax :
4	Please enclose a brief about the history of your company, capabilities & facilities, collaborators, manpower, financial standing etc. Attach literatures/documents to support your statements wherever necessary	
5	What are the Quality accreditations/Certifications of your company? Attach the Valid copy of such certificates.	
6	Please enclose the catalogue / brochure of your organisation.	
7	Is your company registered under the statutory requirements applicable locally? Please enclose a copy of the relevant documents, namely PAN, GST etc.,	
8	Nature of the company: PSU/ Listed Company / Partnership Co. / Private Enterprise / Proprietorship Concern	
9	Please provide the sales turnover of your company for the last two years	
10	Any other points, that you may wish to add, which would highlight your capabilities in support of products to the mentioned Segment.	
11	Declaration that, the firm participated in EOI is not debarred or blacklisted from Govt/PSU/STATE .	

ANNEXURE-II

CERTIFICATE TO BE GIVEN BY APPLICANTS WITH BID/RESPONSE FOR LOCAL CONTENT

EOI Ref No:

With reference to the above mentioned EOI, we hereby confirm that we have read the **Public Procurement (Preference to Make in India) Order No. P-45021/2/2017-PP (BE-II)-Part (4) Vol. II dated 19/7/2024** and the updates and the percentage of local (Indian) content in the offered items/service is _____ and the place/places of value addition done is/are _____.

The Class-I /Class-II local supplier shall be required to provide a certificate from statutory auditor or cost auditor (In case of companies) or from a practicing cost accountant or practicing chartered accountant (In respect of suppliers other than companies) giving the percentage of local content.

Signature with seal Note: