INVITATION FOR EXPRESSION OF INTEREST (EOI)

Vedanta Power Limited

Meenakshi Energy Limited (1000 MW)

Invites Expression of Interest (EOI)

for

Business Partners for Engineering, Design, Supply, Installation, Civil Construction, Commissioning and Handing Over of Truck Tippling System for Handling Cargo Volume of 20 KT per Day

at

Meenakshi Energy Limited

EOI. No.: MEL/26-27/CHP-01 **Date:07.10.2026**

INVITATION FOR EXPRESSION (EOI)

1.0 Introduction

1.0.1 Meenakshi Energy Limited, (here in after referred as "MEL") a subsidiary of Vedanta Power, is one of India's leading private power producers delivering reliable power for a growing economy, that lights homes, touches lives, and drives transformation across the nation. With a total installed thermal power capacity of 1000 MW, the company supplies power to Discoms nationwide through long-term partnerships, while supporting emerging grid requirements. Its portfolio includes a 1,980 MW plant in Mansa, Punjab; 1200 MW in Sakti, Chhattisgarh; and a 600 MW unit in Jharsuguda, Odisha. Through operational excellence, technological leadership, and strategic capacity expansion, Vedanta Power Limited is reinforcing grid stability as a cornerstone of India's energy security.

1.0.2 The company operates thermal power plants having total installed capacity of 4780 MW located at Punjab, Andhra Pradesh, Chhattisgarh and Odisha.

1.0.3 Meenakshi Energy Limited (MEL) invites Expressions of Interest (EOI) from MEL invites Expressions of Interest (EOI) from established and technically competent EPC contractors, technology providers, system integrators and experienced business partners having proven expertise in Truck Tippling Systems and associated civil, mechanical, electrical and C&I worksThe objective of this EOI is to identify technically capable and financially sound business partners who have the required engineering expertise, technology, project execution capability, resources and experience to undertake the complete design, engineering, supply, construction, installation, testing, commissioning, performance demonstration and handing over of a Truck Tippling System capable of handling a cargo volume of 20 KT per day at MEL

1.1 Basic information:

1.1.1 Plant capacity: 1000 MW (Phase 1 & 2)

Location:

Meenakshi Energy Limited (1000 MW)

Thamminapatnam (Village), Chillakur (Mandal), Tirupati district-Andhra Pradesh-524412, India.

Latitude: 14.211195° N

Longitude: 80.090062° E

Nearest Railway Station: Krishnapatnam Railway Station (KAPT), approx. 12 km from MEL Plant.

2.0 Expression of Interest:

MEL invites Expressions of Interest (EOI) from established and technically competent EPC contractors, OEM/system integrators and experienced business partners having proven expertise in Truck Tippling Systems and associated civil, mechanical, electrical and C&I works.

The objective of this EOI is to identify technically capable and financially sound business partners who have the required engineering expertise, technology, project execution capability, resources and experience to undertake the complete design, engineering, supply, construction, installation, testing, commissioning, performance demonstration and handing over of a Truck Tippling System capable of handling a cargo volume of 20 KT per day at MEL.

3.0 Purpose of this EOI:

The purpose of this EOI is to assess the availability, capability and suitability of experienced business partners for implementation of the proposed Truck Tippling System at MEL. Through this process, MEL intends to understand the bidder's technical approach, design capability, relevant experience, execution methodology, project organization, technology offerings and ability to deliver a complete and reliable system.
The EOI process will also enable MEL to identify competent agencies for further technical discussions, site assessment, development of the detailed scope of work, commercial evaluation and subsequent procurement / contracting, as deemed appropriate by MEL.

4.0 Role of the Interested service provider

4.1 Site Survey, Assessment & Detailed Engineering

Carry out detailed site survey, site assessment, topographical verification and study of existing facilities and interfaces.

Review available plant drawings, coal handling philosophy, material flow, existing equipment and utilities and identify all required interfaces.

Prepare complete basic and detailed engineering, design calculations, equipment specifications, GA drawings, foundation drawings, structural drawings, layouts, cable schedules, SLDs, control philosophy and other engineering documents.

Develop the overall system layout and material flow arrangement ensuring safe, reliable and maintainable operation.

4.2 Truck Tippler & Material Receiving System

Engineering, design and supply of suitable truck tipplinga system for the specified cargo volume of 20 KT/day.

Receiving hopper, grizzly / screening arrangement, feeders, chutes, gates, conveyors and associated material handling equipment as required.

Hydraulic system, hydraulic power packs, cylinders, drives, gearboxes, couplings, brakes and other mechanical auxiliaries.

Provision of suitable dust suppression / dust extraction arrangements and housekeeping facilities.

All necessary safety arrangements, access platforms, stairs, walkways, handrails, guards and maintenance provisions.

4.3 Civil & Structural Works

Detailed engineering and execution of foundations, pits, RCC structures, equipment foundations, trenches, drains and associated civil works.

Design, supply, fabrication and erection of structural steel for equipment supports, galleries, platforms, maintenance structures and access arrangements.

Modification / interfacing with existing civil and structural facilities, wherever required.

Complete civil finishing, grouting, drainage and other works necessary for handing over the system in operational condition.

4.4 Mechanical, Electrical & C&I Works

Complete mechanical erection, alignment, installation and commissioning of all supplied equipment and auxiliaries.

Electrical systems including MCCs, PCCs / panels, transformers or other required power distribution arrangements, cabling, cable trays, lighting, earthing and lightning protection.

Instrumentation and control systems including field instruments, control panels, PLC, SCADA / HMI, local control stations and communication systems.

Development and implementation of control logic, sequence control, permissives, interlocks, alarms, trips and equipment protection systems.

Integration with existing MEL systems / DCS / SCADA / PLC, as applicable.

4.5 Testing, Commissioning & Performance Demonstration

Inspection, testing, pre-commissioning and commissioning of the complete system and all associated equipment.

No-load and load trials, functional testing, interlock testing and integrated system testing.

Performance demonstration and reliability run to establish the specified handling capacity and other agreed performance parameters.

Rectification of defects / deficiencies observed during testing, commissioning and reliability run.

Submission of performance test reports and final commissioning documentation.

4.6 Training, Documentation & Handing Over

Training of MEL operating, maintenance, electrical and C&I personnel.

Submission of operation and maintenance manuals, recommended spares, special tools and consumables.

Submission of approved drawings, as-built drawings, data sheets, test certificates, inspection records, equipment manuals and commissioning records.

Preparation / submission of SOPs, maintenance schedules and safety procedures.

Final handing over of the complete system after successful completion of commissioning, performance demonstration and reliability run.

4.7 Safety, Statutory Compliance & Quality

Ensure compliance with applicable Indian statutory requirements, safety regulations, environmental requirements and relevant Indian / International Standards.

Implement appropriate HSE systems, work permits, risk assessments, method statements and site safety arrangements during execution.

Ensure quality assurance and quality control for engineering, manufacturing, supply, civil works, erection and commissioning.

Obtain / facilitate required inspection, testing and statutory approvals applicable to the scope.

4.8 Support & Post-Commissioning Services

Provide adequate technical support during initial operation and stabilization of the system.

Provide defect-liability / warranty support as applicable.

Provide recommendations for critical spares, preventive maintenance and long-term reliability improvement.

5.0 Required Information:

The applicant shall have proven experience in engineering, design, supply, erection / installation and commissioning of Truck Tipplers and Truck Tippling Systems.

Preference shall be given to agencies having successfully completed projects of comparable capacity and complexity in thermal power plants, mines, ports, steel plants or other bulk material handling facilities.

Demonstrated capability in multidisciplinary EPC execution covering civil, structural, mechanical, electrical and C&I works.

Availability of qualified engineering, project management, construction, commissioning and service manpower.

Adequate manufacturing / fabrication capability or established technology / OEM partnerships for major equipment.

Demonstrated financial strength and ability to execute the project within the required schedule.

Ability to provide post-commissioning technical support, warranty support and long-term service assistance.

6.0 Submission of EOIs:

Interested and competent service providers shall submit their Expression of Interest, complete in all respects, by e-mail to: **commercialteam.mel@vedanta.co.in**

The EOI and supporting documents shall be submitted within 15 (Fifteen) days from the date of the advertisement.

The submission should include the information and supporting documents listed under Section 5.0 and Annexure-I.

The EOI should be submitted in an organized and legible form, with all supporting documents clearly identifiable.

i. Each page of the documents submitted shall be duly authenticated by the

applicant.

ii. The language of submission of applications shall be in English.

For any further clarification/queries interested participants may write to commercialteam.mel@vedanta.co.in

MEL may request clarifications or additional relevant information from the participating service providers, if required

Standard Format for Expression of Interest

Date: _____

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Meenakshi Energy Limited, Administrative Building,

Thamminaptnam,

Tiruapti, Andhra Pradesh, 524412

Subject: Expression of Interest (EOI) for Engineering, Design, Supply, Installation, Civil Construction, Commissioning and Handing Over of Truck Tippling System for Handling Cargo Volume of 20 KT per Day

Dear Sir,

In response to your public advertisement in **[Insert the names of the newspaper and/or website]** on **[Insert date of the advertisement]** inviting EOI Engineering, Design, Supply, Installation, Civil Construction, Commissioning and Handing Over of Truck Tippling System for Handling Cargo Volume of 20 KT per Day.

We have also attached information according to the standard form as per Annexure. The information furnished by us in this EOI is true, correct, and accurate to the best of our knowledge.

Sincerely yours,

On behalf of the firm/company/organization:

Signature: _____

Name of signatory; Designation; Company Seal/stamp

(Person signing the EOI and supporting documents should be an Authorized Signatory supported by necessary Board resolutions)

Sensitivity: Public (C4)

Annexure – 1

1. Name and address.

i. Name of the Firm/Company/Organization:
ii. Corporate Address:
iii. Registered Address:
iv. Telephone No:
v. Fax:
vi. Email:

2.Contact Person:

i. Name:
ii. Designation:
iii. Telephone No:
iv. Email:

3.Company Profile:

Core area of expertise:

Date of Incorporation:

CIN No .:

GST No.:

PAN No.:

Shareholding Pattern:

Financial Capability (Including Turnover, Reserve and Surplus etc)

Key Operating parameters for last three years: [Installed Capacity, Utilization factor etc.]

4. Supporting Documents:

[Provide Copy of Valid GST registration, copy of PAN of the firm; with their latest renewals where applicable, Audited Financials for last three financial years and vendor code details in case of MSE already registered with MEL.]

5.Experience/operation by the Firm/Company/Organization (Along with value and time of completion/ award):

6.Any other details

Sensitivity: Public (C4)