

**Notice Inviting**  
**Expression of Interest (Eol)**  
**for Technology tie-up for Indigenous development**  
**of Surface Miner**

Reference No: CTP&AM/Eol/SM/2025

Due closing date: 05.05.2025

Eol response mail ID: bemleoi@bemltd.in

Contact for  
Clarifications: Gp. Capt. Chakrapani Mandela (Retd.),  
General Manager  
Corporate Technology Planning & Alliance Management  
BEML Soudha, BEML Ltd.,  
Bengaluru, Karnataka, INDIA  
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Issued by

**BEML LIMITED**

(Schedule 'A' Company under Ministry of Defence, Govt. Of India)

**BEML Soudha,**  
**23/1, 4<sup>th</sup> Main,**  
**Sampangiramanagar,**  
**Bengaluru – 560027**

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**SECTION-1**

**DISCLAIMER**

- 1.1 The information contained in this Expression of Interest (Eol) document provided to the Prospective Collaborator, by or on behalf of BEML or any of its employees or advisors, on the terms and conditions set out in this Eol document and all other terms and conditions subject to which such information is provided.
- 1.2 The purpose of this Eol document is to provide the Prospective Collaborator with information to assist the formulation of their proposal. This Eol document does not purport to contain all the information each Prospective Collaborator may require. This Eol document may not be appropriate for all persons/Entities, and it is not possible for BEML employees or advisors to consider the business/investment objectives, financial situation and particular needs of each Prospective Collaborator who reads or refers this Eol document. The assumptions, assessments, statements and information contained in this Eol may not be complete, accurate, adequate or correct. Each Prospective Collaborator should therefore conduct its own investigations, due diligence and analysis and should check the accuracy, adequacy, reliability and completeness of the information in this Eol document and where necessary, obtain independent advice from appropriate sources.
- 1.3 BEML employees and advisors, make no representation or warranty to full completeness or makes any representations, express or implied, in relation to the correctness or accuracy of the information contained herein and shall incur no liability under any law, statute, rules or regulations as to the accuracy, reliability or completeness of the Eol document.
- 1.4 BEML may, in its absolute discretion, but without being under any obligation to do so, modify, amend or supplement the information in this Eol document.
- 1.5 BEML reserves the right to not proceed with the Eol, or to alter the timelines reflected herein, or alter its' procedure for the selection of Prospective Collaborators. Even after selection of suitable Prospective Collaborator, BEML is not bound to proceed ahead with the Prospective Collaborator and in no case be responsible or liable for any commercial and consequential liabilities in any manner whatsoever.
- 1.6 The Prospective Collaborator shall bear all costs associated with or relating to the preparation, technical discussion/presentation and submission of response against

this Eol. BEML shall in no case be responsible or liable for these costs regardless of the conduct or outcome of the Eol process.

- 1.7 Canvassing in any form by the Prospective Collaborator or by any other agency on their behalf shall lead to disqualification of their Eol.
- 1.8 Notwithstanding anything contained in this Eol, BEML reserves the right to accept or reject any application and to annul the Eol process and reject all applications, at any time without any liability or any obligation for such acceptance, rejection or annulment and without assigning any reasons, thereof. In the event that BEML rejects or annuls all the applications, it may at its discretion, invite all eligible Prospective Collaborator to submit fresh applications.
- 1.9 BEML reserves the right to disqualify any applicant during or after completion of Eol process, if it is found there was a material misrepresentation by any such applicant or the applicant fails to provide within the specified time, supplemental information sought by BEML.
- 1.10 BEML reserves the right to verify all statements, information and documents submitted by the applicant in response to the Eol by itself or through its advisors or agents. Any such verification or lack of such verification by BEML shall not relieve the applicant of his obligations or liabilities hereunder nor will it affect any rights of BEML.

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**SECTION-2**

**SCHEDULE OF Eol PROCESS & CONTACT DETAILS**

**A. Schedule of Eol process**

The schedule of activities during the Eol Process shall be as follows:

Sl.No.	Description	Date
01	Issue of Eol Document	13.03.2025
02	Last date of Submission of Eol response	05.05.2025

**B. Contact Details related to Eol**

**Gp. Capt. Chakrapani Mandela (Retd.),**  
General Manager  
Corporate Technology Planning & Alliance Management  
BEML Soudha, BEML Ltd.,  
Bengaluru, Karnataka, INDIA  
Email: [chakrapani.m@bemltd.in](mailto:chakrapani.m@bemltd.in)  
Mobile: +91 97315 61710

**Note:**

Submission of the Eol

The Eol shall be submitted **before 05.05.2025 through email only** mentioning Eol reference: CTP&AM/Eol/SM/2025 in Subject to [bemleoi@bemltd.in](mailto:bemleoi@bemltd.in)

Queries if any, may be forwarded to [gopinatha.hk@bemltd.in](mailto:gopinatha.hk@bemltd.in) with cc to [chakrapani.m@bemltd.in](mailto:chakrapani.m@bemltd.in) and [bemleoi@bemltd.in](mailto:bemleoi@bemltd.in)

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### SECTION-3

#### **ABOUT BEML LIMITED**

- a. BEML Limited is a leading multi-technology and multi-location company under the Ministry of Defence operating under three major Business verticals viz., Mining & Construction, Defence & Aerospace and Rail & Metro which are classified into 12 SBU's & 2 Micro SBU's. The three verticals are serviced by manufacturing units at four locations viz Bengaluru, Kolar Gold Fields (KGF), Mysuru and Palakkad.
- b. BEML offers high-quality products for diverse sectors of economy such as Defence, aviation, coal, mining, steel, limestone, power, irrigation, construction, road building, metro & railways.
- c. BEML has emerged as the forerunner of heavy engineering industry with a track record of growth and revenues for over Six decades.

More details about the entire range of BEML's products and operations can be viewed by visiting our web site [www.bemlindia.in](http://www.bemlindia.in)

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## SECTION-4

### DETAILS OF EXPRESSION OF INTEREST (Eol)

#### 4.1 INTRODUCTION

4.1.1 BEML is actively seeking partnerships with globally reputed Original Equipment Manufacturers (OEMs) who are looking to establish or expand their market, sourcing/manufacturing footprint in India for Surface Miner. The After-Sales-Service will be rendered by our nationwide service network with the support of our selected working Collaborator with the objective of "Make in India" and enhancing Self-Reliance in line with the vision of Honorable Prime Minister of India.

4.1.2 This Expression of Interest (Eol) seeks response from the Prospective Collaborator, who are willing to associate with BEML, through strategic partnership for joint development and supply of Surface Miner.

#### 4.2 SCOPE OF CO-OPERATION

4.2.1 BEML is seeking Expression of Interest(s) from Prospective Collaborator for Technology Collaboration Agreement (TCA) for joint development of Surface Miner for Indian coal mines.

4.2.2 The TCA shall enable BEML to Design, Engineer, Manufacture, Assemble, Test, Supply, Field Install, Commission, Repair, Service and Retrofit Surface Miner.

4.2.3 The Prospective Collaborator should be willing to associate with BEML in any of the following mode of co-operation.

- a. Joint Manufacturing in India (JV)
- b. Providing Manufacturing License
- c. Providing Technology License
- d. Transfer of Technology (ToT)

Any of the above or combination of above is also acceptable.

4.2.4 Interested Parties meeting the Pre-qualification requirements (PQR) as specified in clause 4.3 below are invited to submit their response to this Eol, as per indicative scope of technology transfer given in **Annexure-1**. Upon receipt of response(s) against this Eol, BEML will review the response(s) to ascertain suitability of the offer and shortlist Prospective Collaborator for further discussions. Detailed discussions on commercial and other terms and conditions to finalize the Technology Collaboration Agreement (TCA) shall be held with shortlisted Prospective Collaborator.

4.2.5 The bidder should furnish Information on qualification criteria as per the enclosed **Annexure-2.**

#### **4.3 PRE-QUALIFICATION REQUIREMENTS (PQR)**

The Prospective Collaborator should be an OEM having designed, engineered, manufactured, tested, supplied and commissioned subject equipment and such equipment should have completed successfully, at least five (05) years of service as on date of closing of this Eol (to be substantiated by documentary evidence).

#### **4.4 INSTRUCTIONS**

4.4.1 The interested Prospective Collaborator should submit their response(s) along with enclosed annexures.

**Annexure-1:** Compliance to Indicative Scope of Technology Transfer

**Annexure-2:** Detailed information sought by the Prospective Collaborator for qualification.

**Annexure-3:** Compliance to Technical Parameter Sheet for Surface Miner.

**Annexure-4:** Reference List: The Prospective Collaborator's major supplies in last five (05) years

**Appendix A:** Eol Response format

**Appendix B:** Certificate of authorized signatories

**Appendix C:** Declaration by the prospective collaborator

**Appendix D:** Declaration by the prospective collaborator

4.4.2 The response shall necessarily be accompanied with following details:

- a. Company/Entity profile with Management structure and Group information if any.
- b. Product Profile
- c. Product Technical details
- d. Reference list of customers
- e. Annual Audited financial reports for last three (03) years.

4.4.3 **Language:** All correspondences and documents related to the Eol response shall be in English language, provided that any printed literature furnished by the Prospective Collaborator may be written in another language, as long as such literature is accompanied by a translation of its pertinent passages in English language in which case, for purposes of interpretation of the bid, the English translation shall govern.

4.4.4 The Prospective Collaborator shall abide by the terms & conditions, as applicable, of this Eol.

4.4.5 All pages of the response against this Eol shall be duly signed by the authorised



signatory.

- 4.4.6 Multiple proposals from the same Prospective Collaborator should not be submitted.
- 4.4.7 BEML at its discretion shall inspect the Prospective Collaborator works/ office/reference site premises for the purpose of evaluation, as deemed necessary before selection of Collaborator. BEML's decision in this regard shall be final.
- 4.4.8 Any Prospective Collaborator which has been debarred/blacklisted by Central/State Governments of India or by any entity controlled by Central/State Governments of India from participating in any of their project, as on date of submission of Eol, shall not be eligible to submit the Eol.
- 4.4.9 BEML shall receive applications pursuant to this Eol in accordance with the terms set forth herein, as modified, altered, amended and clarified from time to time by BEML and all applications shall be submitted in accordance with such terms on or before the date specified in this Eol for submission of applications.

*In case any amendment/corrigendum to this Eol is issued, it shall be notified only at [www.bemlindia.in](http://www.bemlindia.in)*

- 4.4.10 Shortlisted bidder should consider following also while submitting the response:
- Prospective Collaborator may also be required to enter into a long-term Supply Agreement and meet the expected delivery requirements and other Terms & Conditions of RFP / Tender to be issued by BEML on cost basis.
  - Prospective part Collaborator should be willing to associate with BEML for conducting the Field Evaluation Trials conducted by various agencies.
  - The prospective Collaborator shall be required to provide the desired Unit(s) of Surface Miner for Field Evaluation Trials in varying climatic altitude and terrain conditions in India.
  - Prospective Collaborator would be required to support BEML during interactions with the various agencies in India for initial screening, participation in the customer RFP / Tender and subsequent qualification process by way of deputing their experts to India and providing the required information and clarifications as required/sought by customer.
  - Prospective Collaborator shall provide firm and irrevocable commitment to provide product support in terms of maintenance, materials and spares etc. for a minimum period of fifteen (15) years from the date of last supply to BEML.
  - Prospective Collaborator is required to confirm that in case of getting shortlisted as a result of this Eol process, following support shall necessarily be provided to BEML in order to enable BEML to prepare and submit a competitive techno-commercial bid to customer as per the terms

of the customer RFP / Tender (& other requirements as applicable) and also to successfully execute the contract in case of BEML emerging as L1 bidder:

- i. To provide costing elements required for preparation of BEML offer against customer RFP.
- ii. To provide a price list with long term validity with Price Variation Clause for assemblies / subassemblies / components / spares / Manufacturer's Recommended List of Spares etc. for items to be sourced from prospective Collaborator.
- iii. Any other requirement felt necessary as per customer.
- iv. Above mentioned requirements are only indicative in nature, however any other document/information/input required by BEML for cost estimation and for preparation & submission of techno-commercial bid to customer shall have to be provided by the prospective Collaborator.

#### **4.5 PROCESS TO BE CONFIDENTIAL**

Information relating to the examination, clarification, evaluation and comparison of Eol and recommendations shall not be disclosed to Prospective Collaborator. Any effort by Prospective Collaborator to influence BEML in processing of Eol or selection decisions may result in the rejection of the response against Eol.

#### **4.6 GOVERNING LAWS & JURISDICTION**

The Eol process shall be governed by, and construed in accordance with the laws of India and the Courts at Bengaluru (India) shall have exclusive jurisdiction over all disputes arising under, pursuant to and / or in connection with the Eol process. Foreign entity interested for collaboration with BEML of building Surface Miner must have necessary clearance from their Govt. for Technology Sharing & Collaboration.

#### **4.7 Restrictions on specified Transfer of Technology with an Entity from a Country which shares a Land Border with India:**

4.7.1 Prospective Collaborator(s) from a country which shares a land border with India will be eligible to respond to this Eol only if Prospective Collaborator(s) is registered with Competent Authority (Registration Committee constituted by the Department of Promotion of Internal Trade (DPIIT) of Govt. of India). Such registration should be at least valid for the entire period of Eol due date or any extension thereof.

4.7.2 Prospective Collaborator(s) from a country which shares a land border with India means: a) An entity incorporated, established or registered in such country; or b) A subsidiary of an entity incorporated, established or registered in such country;

or c) An entity substantially controlled through entities incorporated, established or registered in such country; or d) An entity whose beneficial owner is situated in such a country; or e) An Indian (or other) agent of such an entity; or f) A natural person who is a citizen of such a country; or g) A consortium or joint venture where any member of the consortium or joint venture falls under any of the above.

#### **4.8 POST SELECTION CONDITIONS**

- 4.8.1 The Expression of Interest submitted by the applicants will be evaluated and the Selected Collaborator(s) will be intimated in writing by BEML.
- 4.8.2 Post selection, BEML and the Selected Collaborator(s) shall execute a Non-Disclosure Agreement/MoU.

#### **4.9 REJECTION**

An Expression of Interest is liable to be rejected for any of the following conditions:

- 4.9.1 The Expression of Interest is not accompanied by required documentation and has failed to provide clarifications related thereto, when sought by BEML.
- 4.9.2 Misrepresentation, lack of proper documentation, fraud, coercion.
- 4.9.3 The Expression of Interest is received after the closing time and date.
- 4.9.4 If any information which would have entitled BEML to reject or disqualify the applicant becomes known after the applicant has been qualified, it reserves the right to reject the applicant at that time or at any time after such information becomes known to BEML.

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**Annexure-1****Compliance to Indicative Scope of Technology Transfer**

<b>Sl.No.</b>	<b>Description</b>	<b>Compliance</b>
(a)	Licensing & transfer of state - of - the - art technology relating to Design, Engineer, manufacture, Assemble, Test, Supply, Field Install, Commission, Repair, Service and Retrofit Surface Miner to BEML.	
(b)	Transfer of improvements/modifications/developments/up gradations to be carried out by the Prospective Collaborator during the period of TCA for taking care of new market requirements and obsolescence. Subsequent updates required due to component obsolescence or updates implemented by Prospective Collaborator due to safety consideration should also be provided.	
(c)	Assistance in planning & establishing the new manufacturing, assembly and testing facilities & processes/ suitable augmentation at BEML's existing facilities/processes by way of expert advice in terms of identifying, sizing & selection and preparation of specification of equipment / machinery required for manufacturing, their layout and foundation etc. Deputation of Collaborator's expert for commissioning of the manufacturing facilities, design of special tools and dies, jigs & fixtures etc.	
(d)	Training to BEML engineers to Design (know-how knowledge transfer), Engineer, Manufacture, Assemble, Test, Supply, Field Install, Commission, Repair, Service and Retrofit the Surface Miner.	
(e)	Deputation of Collaborator's experts to assist BEML in absorbing the technology for licensed products.	
(f)	Transfer of applicable Proprietary software / computer programs including logics and source code, if any.	
(g)	During the field trials and regular operation, if any modifications/updates are carried out to improve the performance/reliability of the system the same shall also be transferred to BEML with complete know-how.	
(h)	Technology being proposed should be the latest/state-of-the-art being marketed by the Prospective Collaborator.	

(i)	Transfer of information & technical support to enable BEML to source/procure those items, which Prospective Collaborator procures from other vendors for use in Surface Miner.	
(j)	Deputation of BEML engineers to work with collaborator design team in order to absorb the technology/process being followed for licensed products.	
(k)	<p>The prospective Collaborator shall obtain the required Government Approvals like Directorate General of Mines Safety (DGMS) etc. (Details given below) with the support of BEML.</p> <p><u>Directorate General of Mines Safety (DGMS) Requirements:</u> The most important requirement for deploying Surface Miner Technology is obtaining the approval of DGMS, India, the regulating authority, who accords approval for deployment of equipment. DGMS approval is also required for the Mining methodology to be adopted by the Coal Mines, which will be generally obtained by the customer (Mining Company) with support from the Equipment supplier. The DGMS Approval for the equipment has to be obtained by the original equipment manufacturer (OEM) (Selected Collaborator) and BEML with required assistance from the customer. After entering into Agreement / Understanding, BEML and selected Collaborator will work towards obtaining DGMS approval for deploying the equipment.</p>	

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**Annexure-2****Detailed information sought by the Prospective Collaborator for qualification**

Sl. No.	Parameter	Unit	Details
1	Whether the Prospective Collaborator is an Original Equipment Manufacturer (OEM) of proposed Surface Miner.	Yes/No	Yes <input type="checkbox"/> No <input type="checkbox"/>
2	The Prospective Collaborator should have designed, engineered, manufactured, tested, supplied and commissioned similar equipment and such equipment should have completed at least five (05) years of service in Indian /overseas mines as on date of closing of this Eol.	Yes/No	Yes <input type="checkbox"/> No <input type="checkbox"/>
3	Number of years of experience in design & Development of Surface Mine.	Nos	_____ Years
4	Number of Surface Miner manufactured and supplied during last five (05) Financial years.	Nos	_____ Nos
5	Whether information on market share has been enclosed.	Yes/No	Yes <input type="checkbox"/> No <input type="checkbox"/>
6	Whether the Prospective Collaborator owns the IPRs for the technology being proposed for transfer under the Technology Collaboration Agreement (TCA) or have an unencumbered right from the owner of the IPRs to sub-license the technology, if applicable. If yes, whether list of such IPRs is enclosed.	Yes/No	Yes <input type="checkbox"/> No <input type="checkbox"/>
7	Whether Surface Miner offered for technology collaboration is the latest being marketed by the Prospective Collaborator.	Yes/No	Yes <input type="checkbox"/> No <input type="checkbox"/>
8	Whether customers (end users) letters / documentary evidence for satisfactory operation of model for Surface Miner which is being offered to BEML under this Eol have been enclosed.	Yes/No	Yes <input type="checkbox"/> No <input type="checkbox"/>
9	Cumulative turnover and PAT (profit after tax) of the company for the past three (03) years i.e., FY2021-22 to FY2023-24 in USD/INR	USD/INR	_____ USD/INR

## Eol for Technology tie-up for Indigenous development of Surface Miner



Eol Ref: CTP&AM /Eol/SM/2025

Date: 13-03-2025

10	<p>Acceptance to associate with BEML in any of the following mode or co-operation</p> <p>a. Joint Manufacturing in India (JV).</p> <p>b. Providing Manufacturing License.</p> <p>c. Providing Technology License.</p> <p>d. Transfer of Technology (ToT).</p> <p>Any of the above or combination of above is also acceptable.</p>	Yes/No	<p>Yes <input type="checkbox"/></p> <p>No <input type="checkbox"/></p>
11	Willingness to indigenise at least 50% of the value of equipment in India to meet "Make in India" criteria.	Yes/No	<p>Yes <input type="checkbox"/></p> <p>No <input type="checkbox"/></p>
12	Willingness to share with BEML any up- gradations / improvements made during the period under which the joint working arrangement is effective.	Yes/No	<p>Yes <input type="checkbox"/></p> <p>No <input type="checkbox"/></p>
13	Willingness to train a strong core technology team of Engineers from BEML Limited.	Yes/No	<p>Yes <input type="checkbox"/></p> <p>No <input type="checkbox"/></p>
14	Submission of Undertaking that the company has not been debarred / blacklisted by Government of India / any State Government in India / Central or State Government undertaking upon PSU/Central Government funded organizations / State Government funded organizations/ World Bank, or other World Bank organizations and is not under any illegal expression by Government of India or blacklisted by any Government outside India.	Yes/No	<p>Yes <input type="checkbox"/></p> <p>No <input type="checkbox"/></p>
15	Whether there is any outstanding bankruptcy, judgment or pending legal action that could impair the operations of the Company as a going concern.	Yes/No	<p>Yes <input type="checkbox"/></p> <p>No <input type="checkbox"/></p>
16	Submission of Quality Certificates such as ISO 9001, ISO 14001 or any other relevant certificate.	Yes/No	<p>Yes <input type="checkbox"/></p> <p>No <input type="checkbox"/></p> <p>List of certificates:</p> <p>(i)</p> <p>(ii)</p> <p>(iii)</p> <p>(iv)</p>

**Note:** Please provide the above information. Documents required to authenticate the above information/details may be enclosed.

**Signature & Seal:**

Authorised Signatory of the Prospective Collaborator

**Annexure-3**

**Compliance to Technical Parameter Sheet for Surface Miner**

The prospective collaborator shall comply to the brief specification provided below and also shall indicate superior features if any and submit the details along with technical brochures.

**Design Criteria & Working Ranges Description:**

Maximum Cutting Depth not less than 250 mm

Drum Width- 3800 mm (EQUAL or MORE than)

Rated Productivity- 600 Cum/HR (EQUAL or MORE than)

Size of the Product (coal) - 100 mm (EQUAL or LESS than)

Machine should be capable of cutting Coal and Coal Major strata of compressive strength of 500 Kg/Cm<sup>2</sup>

- 1. Engine:** The engine shall be provided with 24V electric starting, suitable air-cleaner, cooling system and fuel filter with water separator device. The engine shall be of suitably rated capacity (HP/KW) for continuous operation at rated productivity in each shift of 08 hours.  
The engine shall be environment friendly and fuel efficient recommended by CMVR or any other regulation issued by central/state (Odisha) Government prevailing at the time of supply of equipment.
- 2. Drive system:** The power transmission from the engine to the crawler drive sprocket should either be through conventional means i.e. torque flow transmission, differential, final drive, steering and brakes or through any other proven means.
- 3. Brakes:** Suitable reliable service, secondary and parking brakes as per relevant ISO standard shall be provided
- 4. Undercarriage:** The undercarriage shall be heavy duty rugged design suitably suspended with oscillating type equalizer bar and pivot shaft to reduce shock loads transmitted to the Surface Miner.
- 5. Fuel Tank:** The fuel tank shall be of sufficient capacity to allow 16 hours operation without re-fueling and be provided with a level indicator and a lockable hinged cap. Construction of the tank should be such that it provides for easy accumulation and drainage of water with minimum loss of fuel. Anti-pilferage device shall be provided in the tank



6. **Operator's Cabin:** A fully insulated, sound suppressed operator's cab with safety glass, rear-view mirror, windshield wipers and washers shall be provided. The sides (left & right) & rear of the machine shall be clearly visible to the operator for which suitable device, if required, shall be provided. The operator shall be capable of setting the cut depth & other movements of the machine required for the operation from the cabin itself. The operator's seat shall be a fully adjustable bucket type with foam rubber cushion and best quality upholstery. Heavy duty rubber floor mats and a cooling fan shall be provided. All doors, windows and vents shall be dust and weather proof seals. An operator's seat belt to be provided. The Operator's Cabin shall be fully Air Conditioned.
7. **Steering:** Independent track steering shall be provided. All hoses and piping shall be protected from damage.
8. **Gauges and Indicators:** The following shall be provided as a minimum:
  - a. Coolant temperature
  - b. Engine oil temperature and pressure gauge/indicator
  - c. Fuel capacity gauge
  - d. Engine tachometer
  - e. Engine hour-meter
9. **Warning Alarms/Lights:**

Audio/visual warning alarm systems shall be provided for the following:

  - a. Coolant level & temperature
  - b. Engine oil pressure
  - c. Front warning horn
  - d. Reversing alarm
10. **Hydraulic Hoses:** All hydraulic hoses shall be suitably grouped and clamped to avoid damage from vibration. Hydraulic hoses in the hot zone shall be fire / heat resistant or retarded type.
11. **Fire Extinguisher:** Minimum Two Nos of fire extinguisher shall be provided at strategic point on the Surface Miner, suitably mounted in a heavy-duty bracket for ease of removal. The extinguisher shall be dry powder (cartridge type) with a minimum capacity of 5 kg and shall comply with Indian Standard IS: 15683:2006. The materials and chemicals to be used in all the fire extinguisher to be supplied with equipment must be of a type and make conforming to DGMS Circular: DGMS (approval) Circular No. 02 Dated 08.07.2013.
12. **Automatic Fire Detection and Suppression System:** A suitable automatic fire detection and suppression system of reputed manufacturer (indigenous or

imported) conforming to DGMS Circular: DGMS (approval) Circular No. 02 Dated 08.07. 2013 shall be provided.

13. **Safety Features:** The offered Equipment Shall be provided with all safety features required as per The Gazette Notification issued on 1st Oct 2018 under the Head Safety features and devices to be provided in Heavy Earth Moving Machinery (HEMM) including trucks and tippers Point No 1 General Requirement and DGMS(Tech) Circular No. 06 of 2020 Dhanbad dated 27.02.2020.
14. **Dust Suppression System:** Suitable Dust Suppression System in order to reduce the dust and powder during operation of the Surface Miner shall be provided. Such dust suppression should be done through suitable water spraying at the drum to control the dust and fines generated during operation to mitigate the air pollution. Interlocking arrangement of dust suppression system with drum rotation in case of low or zero level of water in the water tank shall be provided. The Water tank shall be of sufficient capacity to allow 08 hours operation without re-filling.

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**Annexure-4**

**Reference List: The Prospective Collaborator shall furnish a summary of their product reference as detailed below for major supplies in last five (05) years**

SL No.	Name of Country where Surface Miner supplied and commissioned successfully.	Number of units supplied	Year of Supply

**Signature & Seal:**

Authorised Signatory of the Prospective Collaborator

**Appendix A**

*{To be printed and submitted on Prospective Collaborator's official letterhead}*

**Eol RESPONSE FORMAT**

To,  
Corporate Purchase  
BEML Limited  
SR Nagar, Bangalore 560027  
E-mail: bemleoi@bemltd.in

Dear Sir,

Ref: **Expression of Interest to collaborate with BEML Limited for Notice Inviting Expression of Interest (Eol) for Technology tie-up for indigenous development of Surface Miner.**

Having examined the Expression of Interest (Eol) document dated \_\_\_\_\_, downloaded from the BEML Limited website, i.e., [www.bemlindia.in](http://www.bemlindia.in), we, the authorised signatories of the Prospective Collaborator, intend to submit the response/proposal to the aforesaid Eol document.

We attach hereto the response/proposal to Eol as required as per the Eol document, which constitutes our response to Eol.

Primary and Secondary contacts for our company are:

	<b>Primary Contact</b>	<b>Secondary Contact</b>
Company Name:		
Name:		
Title:		
Address:		
Phone:		
Mobile:		
Fax:		
E-mail:		

We confirm that the information contained in this response or any part thereof, including its exhibits, and other documents and instruments delivered or to be delivered to BEML Limited are true, accurate, verifiable and complete. This response includes all information necessary to ensure that the statements therein do not in whole or in part mislead BEML Limited in its short-listing process nor suppressed any material facts.

We fully understand and agree that on verification, if any of the information provided herein is found to be false /misleading, our response / proposal is liable to be disqualified / rejected from the selection process or termination of the definitive agreement, if the Prospective Collaborator is selected, besides other action as may be required as per the BEML Limited Purchase Manual.

We agree to the unconditional acceptance of all the terms and conditions set out in the Eol document.

It is hereby confirmed that I / We are entitled and duly authorised to act on behalf of the Prospective Collaborator and empowered and authorised to sign this document as well as such other documents, which may be required in this connection.

Dated this

(Signature)

(In the capacity of)

(Name)

Duly authorized to sign the Eol Response for and on behalf of:

(Name and Address of the authorised representative/signatory with Seal / Stamp of the Prospective Collaborator)

Witness Signature:

Witness Name:

Witness Address:

**Appendix B**

*{To be printed and submitted on Prospective Collaborator's official letterhead}*

**CERTIFICATE OF AUTHORIZED SIGNATORIES**

I, ..... the  
..... (Company Secretary/Managing Partner/ CEO etc.,) of M/s  
....., do hereby  
certify that Mr..... who signed the  
response/proposal to the above Eol for Technology tie-up for indigenous development  
of Surface Miner is authorized to do so and bind the company by authority of its  
..... (board / governing body).

Signature with date of Authorized signatory

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Firm's Seal: \_\_\_\_\_

**Appendix C**

*{To be printed and submitted on Prospective Collaborator's official letterhead}*

**DECLARATION BY THE PROSPECTIVE COLLABORATOR**

This is to certify that we M/s \_\_\_\_\_, (Name of the Prospective Collaborator) herein does not have any litigation, arbitration cases or any litigation against BEML Limited pending before any Court / Tribunal /Statutory Authority in connection with any contract / tender issued by BEML Limited.

Signature with date of Authorized signatory

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Firm's Seal: \_\_\_\_\_

**Appendix D**

*{To be printed and submitted on Prospective Collaborator's official letterhead}*

**DECLARATION BY THE PROSPECTIVE COLLABORATOR**

This is to certify that \_\_\_\_\_ (Name of the the Prospective Collaborator) has not been banned / black listed / debarred from Trade by BEML Limited or any Central / State Govt. Dept. / Autonomous Institution / PSUs in India as on the date of submission of the response to the Eol.

I / we hereby certify that all the information given above are true and correct.

Signature with date of Authorized signatory

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Firm's Seal: \_\_\_\_\_