



**INDIRA GANDHI INSTITUTE OF TECHNOLOGY, SARANG  
DEPARTMENT OF METALLURGICAL AND MATERIALS ENGINEERING**

No. IGIT/MET/326

Date: 30/12/2019

**CALL FOR QUOTATION**

Sealed separate quotations are invited for the supply of equipment mentioned in Annexure-1 on or before 10.01.2020 for the SERB TARE project at Department of Metallurgical and Materials Engineering.

Quotation number and date should be superscripted on the sealed envelope and sent by Registered Post/Speed Post to

**MR. SIDDHARTHA TIWARI,  
ASSISTANT PROFESSOR & PRINCIPAL INVESTIGATOR,  
DEPARTMENT OF METALLURGICAL AND MATERIALS ENGINEERING,  
INDIRA GANDHI INSTITUTE OF TECHNOLOGY, SARANG,  
DIST- DHENKANAL, ODISHA, PIN-759146.**

Quotations received after the due date, or without seal will not be considered. The equipment will have to be delivered within 30 days from the date of placing order unless otherwise directed failing which the purchase order is liable to be cancelled.

The terms of delivery along with any extra charges e.g. GST etc. & mode of payment should be indicated clearly in the quotation.

QUOTATION OPENING DATE & TIME: Dt. 11.01.2020 (11.30 AM).

Sd/-  
(Siddhartha Tiwari)  
Principal Investigator  
TARE-SERB Project  
(TAR/2018/001263)



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**TERMS AND CONDITIONS**

1. The equipment should be delivered to Mr. Siddhartha Tiwari, Department of Metallurgical and Materials Engineering, Indira Gandhi Institute of Technology, Sarang, Dist- Dhenkanal, Odisha, Pin-759146 as per terms and conditions within 30 days from the date of placing order.
2. The equipment is to be carefully packed and insured against breakage / pilferage and losses during transit.
3. Rate as per your quotation / as per manufacturers' price list should be furnished with usual discount admissible to the educational institution.
4. Inspection of goods before delivery shall be allowed to our representative.
5. Defective supplies will be rejected and returned at the cost of suppliers.
6. The supplier to withstand guarantee for a period of one year against all manufacturing defects and during the guarantee period, all the repair / replacements will be done at their cost.
7. Payment will be made by crossed cheque / Bank draft on state Bank of India, IGIT Sarang. Full payment will be made on receipt of equipment in good condition & after successful installation.
8. No advance will be paid for the above supply.
9. Bill prepared in **triplicate named Director, IGIT, Sarang, attention to the Principal Investigator, Department of Metallurgical and Materials Engineering, IGIT Sarang.**
10. Any legal disputes pertaining to the purchase order will be subjected to jurisdiction of concerned courts within Dhenkanal district.
11. All correspondences arising out of this order should be addressed to Mr. Siddhartha Tiwari, Department of Metallurgical and Materials Engineering, Indira Gandhi Institute of Technology, Sarang, Dist- Dhenkanal, Odisha, Pin-759146, noting the number and date of order (**E-mail: [siddhartha.tiwari@igitsarang.ac.in](mailto:siddhartha.tiwari@igitsarang.ac.in)**).
12. Valid up to date GST/VAT clearance certificate and PAN / IT copy of the firm should be submitted.
13. The authority/committee reserves the right to accept or reject in part or in full any or all the tenders /quotations at any stage without assigning any reason thereof.



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**Annexure-I**  
**Details of Equipment**

S.No	Description of Item	Quantity
	<b>Low Intensity Wet Magnetic Separator (Lab Scale Operation)</b> Suitable to separate magnetic material/contamination from raw materials	1 (One)
	<b>Technical Specification:</b>	N.B.: Please furnish the PAN/GST/IT clearance Certificate.  Please indicate clearly following information:  F.O.R- IGIT, SARANG with all charges included, Guarantee period, Free service period at IGIT, Sarang.  Payment shall be made after successful installation and commissioning.
<b>Drum Size</b>	<ul style="list-style-type: none"> <li>• Diameter 200-250 mm</li> <li>• Length 250-300 mm</li> </ul>	
<b>Construction Material</b>	<ul style="list-style-type: none"> <li>• 3 mm thick 304 Stainless Steel Shell.</li> <li>• MS bearing blocks</li> <li>• Sealed and water-proof construction for longevity.</li> </ul>	
<b>Magnetic Element</b>	<ul style="list-style-type: none"> <li>• Strontium Ferrite Permanent Magnet (Ni Coated)</li> <li>• Field strength: Around 1500 Gauss at Drum Surface</li> <li>• Completely Sealed and Water Proof Fabrication</li> <li>• Must be suitable for fine particle size</li> </ul>	
<b>Machine Body</b>	<ul style="list-style-type: none"> <li>• Heavy Body and Total Machine Cover</li> <li>• Feed input and discharge outlet hopper made of 304 Stainless Steel</li> <li>• Totally dust tight enclosure (around 95% dust cover) with inspection door</li> <li>• Machine frame of Mild Steel</li> <li>• Foot Mounting by Structure</li> </ul>	
<b>Motorized Vibratory Feeder</b>	<ul style="list-style-type: none"> <li>• 0.5 HP, 1440 RPM Vibrator Motor with MS body</li> </ul>	
<b>Motor/ Gearbox</b>	<ul style="list-style-type: none"> <li>• Make: Crompton/ ABB</li> <li>• Capacity: 1.0 HP, 440 watt, 50 HZ Three Phase Motor</li> <li>• Flange Mountain Type Motor</li> <li>• Drive geared motor with V belt drive</li> <li>• 3 HP Gearbox</li> </ul>	
<b>Panel Board</b>	Electrical panel of suitable size for vibro feeder with variable drive based firing module, ammeter, supply indicators, on/off switch for vibratory feeder, start/stop push button; HRC fuses for power and control circuit; Power Transformer with ABB motor drive	
<b>Power Supply</b>	Compatible with Indian Standard	
	<b>Other Terms and Conditions</b>	
	<ul style="list-style-type: none"> <li>• Standard Warranty of 3 years from the date of installation and commissioning</li> <li>• Free installation, commissioning, training and demonstration</li> <li>• If vendor is not OEM, principal authorization letter must be provided in the letter head of OEM.</li> <li>• Printed instruction manual must be provided.</li> <li>• Supplier must provide at least one PO copy of the similar equipment supplied to any Government Institute/ Organization like IITs, NITs, CSIR Labs, DRDO Labs etc.</li> <li>• Service centre for the equipment nearer to the IGIT Sarang will be given preference.</li> </ul>	