

IDCOL FERRO CHROME & ALLOYS LIMITED

(A Wholly Owned Subsidiary of IDCOL)
A Govt. of Odisha Undertaking

TENDER DOCUMENT

FOR

SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF VIBRATING FEEDERS WITH SPARES & WEIGHING BACHING SYSTEM

Regd. Office: Ferro Chrome Project – 755
020 Jajpur Road, Dist: Jajpur (Odisha)
Tel. No. 06726-220508, Fax No. 06726-220524
Visit us at www.ifcal.nic.in/idcorissa.com



IDCOL FERRO CHROME & ALLOYS LIMITED
PO: FERRO CHROME PROJECT -755020
JAJPUR ROAD DIST:JAJPUR, ODISHA.

Tender Call Notice No. IFCAL/Elect/613

Date:10.08.2021

TENDER CALL NOTICE FOR

**SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF VIBRATING FEEDERS WITH
SPARES & WEIGHING BATCHING SYSTEM**

Sealed tenders in two parts (Part-I General Bid & Part-II: Price Bid) are invited from the manufacturers/Distributor/Traders/Dealers for **Supply, Installation, Testing & Commissioning of Vibrating Feeders with spares & Weighing Batching System** as per specification and scope of supply given in the tender document. Tender document can be downloaded from our website www.ifcal.nic.in/ www.idcorissa.com. The tender should accompany the cost of the tender document of Rs. 500/- (inclusive of GST) and an EMD of Rs.100,000/- in shape of separate D.D drawn in favour of "IDCOL Ferro Chrome & Alloys Limited" payable on any Nationalised Bank at Jajpur Road. Tender submitted other than the manners prescribed in the tender document shall be out rightly rejected. Last date and time of submission of tender is **26.08.2021 at 5.00 P.M.**

MANAGING DIRECTOR

IDCOL FERRO CHROME & ALLOYS LIMITED
 PO: FERRO CHROME PROJECT -755020
 JAJPUR ROAD DIST:JAJPUR, ODISHA.

IMPORTANT INFORMATION FOR TENDERER

1.	Name of the Work	: Supply, Installation, Testing & Commissioning of Vibrating Feeders with spares & Weighing Batching System
2.	Quantity	: As per Scope of Work of Tender Document.
3.	Contract Period	: 90(Ninety) days from the date of placement of our Letter of Intent / Purchase Order. If the supply of order quantity is not completed within the period stipulated , the buyer may extend the period of contract for a further period of 01(one) week or such other period the management may think appropriate at the same price , terms & conditions.
4.	Availability of Tender Paper	: our website www.ifcal.nic.in/ www.idcorissa.com .
5.	Mode of Submission of Tender Paper	: By Post/ By Courier
6.	Last date and Time of receipt of Tender Paper	: 5.00 PM on Dtd.26.08.2021
7.	Address to which tender papers to be sent.	: The Managing Director, IDCOL Ferro Chrome & Alloys Ltd Po- Ferrochrome Project Dist- Jajpur , Odisha Pin-755020
8.	Cost of Tender Paper	: 500/- (inclusive of GST) in shape of D.D drawn in favour of "IDCOL Ferro Chrome & Alloys Limited" payable on any Nationalised Bank at Jajpur Road.(No Exemption for MSME)
9.	Earnest Money Deposit	: In figure- Rs.100,000/- In word-Rupees Hundred Thousand Only in shape of D.D drawn in favour of "IDCOL Ferro Chrome & Alloys Limited" payable on any Nationalised Bank at Jajpur Road.

GENERAL CONDITIONS OF THE CONTRACT

- 1) The word "IFCAL" wherever mentioned in the tender document shall mean the company "IDCOL Ferro Chrome & Alloys Limited" having its Regd Office at Ferrochrome Project, Jajpur Road, Dist: Jajpur (Odisha), Pin-755020.
- 2) The "legal status" of the bidder i.e. proprietary concern, partnership firm, private or public limited company or any other as per the case may be, shall be specified with documentary proof attached.
- 3) The person signing the tender document shall either be the Managing Director/Authorised Signatory in case of a company or the Proprietor of the firm or the authorised partner, as the case may be. Otherwise the Letter of Authority, to sign the tender on behalf of the company/Partnership firm shall be enclosed.
- 4) The tenders (also called bids) not submitted in the manner prescribed in this document, shall be rejected at the risk & responsibility of the bidder.
- 5) All the information, as called for in the tender document, should be submitted truly, clearly, legibly, transparently, unambiguously and without the use of abbreviations. It shall be submitted in English.
- 6) All the crucial figures, like rates and amount shall be written in figures followed by words in a bracket.
- 7) There shall be no over writing in the tender document and other papers submitted. All additions, alterations, deletions, cuttings, corrections etc. should be initialed and rubber-stamped (or seal) by the same person, who signs the tender document. Failing so, the tender may be rejected.
- 8) All the rates and amounts shall be quoted in Indian Rupees (INR) and shall be presumed to be in Indian Rupees. In case of any reduction in taxes, duties or levies announced subsequent to submission of bid, the prices quoted shall stand reduced by the corresponding amount.

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- 9) Each page of this tender document should be signed by the bidder with seal in token of having read, understood and accepted the terms and conditions of this contract and shall be returned in original along with the bid submitted. The bidder may, in his own interest, visit the buyer's site to assess various elements of cost before filling in the Price Bid.
- 10) All documents and papers submitted with the bid should be in English and shall be authenticated under the seal and signature of the bidder unless specified otherwise in this tender document. If the documents are in other language, a true translation in English, duly certified by an independent person of repute, shall also be submitted.
- 11) Use separate piece of paper, where the space provided in the formats in this tender document for submission of information, is not sufficient.
- 12) All information submitted or supplied in the formats of this tender document shall be presumed to be true to the best of knowledge of the bidder.
- 13) The bidder shall submit the self-certified legible Xerox copies of his PAN Card, GST Certificate along with the bid.
- 14) The bidders can send tenders or bids by person, post or courier. However, the authorities shall not be responsible for postal and any other delays in receipt of bids.
- 15) If the last date for submission of the tender/bid turns out to be a holiday, it will automatically be extended to next Govt. working day.
- 16) A bid submitted cannot be withdrawn. The bidder or his authorized representative (one person only) will be allowed to be present at the time of opening of tenders. However, they shall not participate in the discussions. They may provide clarifications sought, if any.
- 17) Entire tender document, duly filled in, shall be treated as part of the contract agreement for supplies in case of the successful bidder.

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- 18) The tender/bid submitted shall remain valid for a minimum period of 60(Sixty) days from the last date of submission of bids.
- 19) IFCAL management reserves the right to accept / reject any or all tenders without assigning any reason thereof. No claim, whatsoever, shall be admissible for the loss / damage suffered by the bidders on account of such rejection. Management also reserves the right to split the total order quantity between more than one party as per its choice.
- 20) No conditional tender shall be entertained without approval of the competent authority. However, technical specification regardless of whether identical to our tender specification or different may be submitted in a separate sheet as prescribed under clause 1 (c) of special condition of document.
- 21) This tender document has prescribed a General Bid format and a Price Bid format. The "Price Bid" shall be submitted in a separate sealed cover after detaching its formats from this tender document. General Bid format duly filled up, along with the remaining part of the tender document (i.e. General Conditions of the Contract & Special Conditions of the Contract including EMD) signed on each page should be put inside another sealed cover. **Both the sealed covers (General Bid & Price Bid) should be enclosed in a bigger envelope. The name of the Bidder, Tender Call Notice No. & last date of submission shall be boldly written in all the sealed covers / envelopes.**
- 22) The General Bid shall be opened first.
- 23) "Price Bids" shall be opened thereafter only in those cases, where the bidders are found to have fulfilled all the requirements/specifications asked for in the General Bid format and in the tender document.
- 24) Price negotiations, other than with the lowest bidder shall not be held without obtaining prior approval of M.D, IFCAL.
- 25) The purchaser is not bound to accept the lowest price bids.
- 26) All transit risks shall be the responsibility of the supplier.

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- 27) Failure to supply the order quantity and to complete the job within the stipulated period may lead to forfeiture of Security Deposit and blacklisting of the supplier.
- 28) All clarification sought from the bidders/suppliers on technical specifications of the products or otherwise shall be promptly submitted in a transparent and unambiguous manner.
- 29) Terms & conditions of this tender document cannot be changed without obtaining the prior approval of M.D, IFCAL.
- 30) Entire tender document duly filled in, shall be treated as part of the contract agreement for supplies in case of the successful bidders. No separate contract agreement shall be executed.
- 31) **Settlement of dispute:** In the event of any dispute / differences between the parties arising under or in connection with this Agreement or any associated agreement entered into pursuant to this Agreement, they shall use all reasonable endeavors to resolve the matter on an amicable basis. If one party serves formal written notice on the other that a dispute / difference of such a description has arisen and the parties are unable to resolve the dispute within a period of [thirty (30)] days from the service of such notice, then the dispute shall be referred to an Arbitrator for Arbitration of the dispute to be appointed by the parties with their mutual consent. The agreement to appoint an arbitrator will be in accordance with the Arbitration & Conclusion Act.1996. The arbitration proceedings shall take place at Jajpur Road, Jajpur, Odisha and should be conducted in English. The provisions of Arbitration & Conclusion Act.1996 as the rules frames there under and in force shall be applicable to such proceedings.
- 32) That, all legal proceedings in any manner arising out of or in relation to the contract between the parties can only be initiated in a court of law situated within the territorial jurisdiction of the State of Odisha and none of the parties shall have the liberty of initiating any legal proceeding any where beyond the territorial limits of the State of Odisha.

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SPECIAL CONDITIONS OF THE CONTRACT

1. Eligibility of Bidder:-

- a) The bidder should have successfully executed an order valuing at least 5.00 lac for supply of Vibrating Feeders with spares & weighing Batching system to any industries during last 5(five) years. (Copies of Purchase Order/Work order from the purchaser/an invoice raised for the said job to be enclosed).
- b) The intending Bidder, in case of manufacturers shall submit a self-declaration on their letter-head, along with the Technical Bid, confirming that they are regular in manufacturing & supplying the Vibrating Feeders with spares & Weighing Batching System of similar machines, as asked in this tender. A list of clients alongwith Work Order reference number and the details of capacities/specifications of similar machines supplied are to be furnished
- c) The intending Bidder, in case of Authorized Distributor / Authorized Dealers / Traders of shall possess valid authorized Distributorship/Dealership license from Original Equipment Manufacturers who should be engaged in regular manufacturing and supplying the vibrating Feeders with spares & weighing Batching system similar machines of similar machine. The Bidder shall enclose the copy of the same in Technical bid while submitting the tender. Also the list of clients alongwith Work Order reference number and the details of capacities/specifications of similar machines supplied are to be furnished
- d) Time required to complete the entire job in respect. (A bar chart to be furnished)

2. Scope of Supply:

- a) The material shall be supplied in compliance to the specifications mentioned in **Annexure-A** of the tender.
- b) The specifications of the equipments as mentioned in the **Annexure-A** are the minimum requirements of tender. However higher specifications of equipments may be considered.
- c) After the supply of equipments as mentioned in the **Annexure A**, the bidder has to execute its installation, testing & commissioning at the IFCAL site within the prescribed time limit.
- d) The awarded bidders shall have to depute expert(s) for installation, testing & commissioning at site as and when instructed by purchaser. No additional charges shall be payable by purchaser, for installation, testing & commissioning of equipment at site.

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- e) The supplier will be required to train the local concerned persons, as decided by purchaser for at least 7 days for proper managerial and functional skills during installation, testing & commissioning.
- f) Training should cover the equipment's operations, maintenance, information about Do's & Don'ts as well as trouble shooting & all other areas which are necessary for smooth functioning of equipments shall be provided to at least two persons designated by purchaser, at site, by the bidder.
- g) The power supply system with rated voltage 3 Phase 415VAC, 50 Hz, Voltage variation +10%, -10% & Frequency variation 50Hz +6%, -6%
- h) The panel for vibro feeders and batching system, switchgear components and accessories should have sheet steel used for fabrication of metal cabinet shall be of cold rolled type and of thickness not less than 2 mm. Non-load bearing side may be of 1.6 mm thick sheet. Height limitation shall be limited by the customer.
- i) The cabinet shall be floor-mounting type and shall be provided with lockable-hinged door at front with handle. Hinges should be of stainless steel or alloy steel.
- j) Durable gasket shall be provided for all doors and covers and for all partitions between adjacent units. The gasket shall be of sponge rubber synthetic rubber and shall be adequately secured. Barrier shall be provided/between power equipment and control equipment.
- k) Internal control & power wiring shall be routed separately to have better noise immunity.
4.8.6 The control and power terminals shall be such that each and individual terminal shall be accessible for maintenance without effecting the wiring at any other terminal
- l) Inside the control panel, it shall be possible to identify individual circuits and their protective devices. For this purpose, metal engraved marking shall be permanently fixed on the mounting base of the components.
- m) An identification, name-plate/markings by inscription indicating the panel designation, that is the operation of the Vibro Feeders for which it is intended, shall be provided approximately at the centre of the panel. The inscription shall be in English languages with the height of letters not less than 10 mm.
- n) Each component or apparatus inside the panel shall be properly identified and marked on the base mounting. The marking or the symbol given shall tally with those used in the circuit diagrams. The size of the marking used shall be suited to the component and shall be clearly visible.

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- o) The manufacturer shall also provide circuit/wiring diagrams with complete cable and component specifications along with instructions for installation, operation and maintenance.
 - p) An instruction manual shall be provided, containing schematic and wiring diagram with step by step operational explanation of the circuit, and component specifications in detail.
 - q) A schematic diagram for different schemes shall be provided on respective panels preferably metallographed or printed.
3. **Price:** Price should be quoted as per the detail break up given in the PRICE BID format.
4. **Price Variation :-**
- a) The basic price and service/installation charges of the materials shall remain “firm” till validity of the contract period as mentioned under clause 5(a) of SCC of tender document. No upward revision in respect of basic price shall be allowed
 - b) However statutory variation in any taxes , duties , levies during contractual delivery period may be considered against documentary evidence.
5. **Period of Contract:**
- a) The period of contract shall be valid for 90(Ninety) days from the date of placement of our Letter of Intent / Purchase Order. If the supply of order quantity is not completed within the period stipulated , the buyer may extend the period of contract for a further period of 01(one) week or such other period the management may think appropriate at the same price , terms & conditions.
 - b) The material shall be inspected at works and bidder shall be responsible for any damage during the transit of machine/ equipment to place of delivery as given in delivery instructions.
 - c) The insurance cover including insuring the goods against the loss or damage incidental to manufacture or acquisition, transportation, storage and delivery/Installation & Commissioning shall be obtained by the bidder in his own name and not in the name of purchaser.
6. **Site Visit:** The bidders are advised to visit the site, prior to submission of bid, to assess the site conditions, particularly relating to the available clearances/space for installation and commissioning of vibro feeders and batch system, as a replacement of the existing vibro feeders and batching system with up gradation of existing weighing batching control system

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7. **Guaranty/ Warranty :-**

- a) The Vibrating Feeders with spares & weighing Batching system equipment shall be warranted for any manufacturing defect for a period of 24 months from the date of successful commissioning at site.
- b) Any defects noticed to any part or parts fail or proved defective within the period specified above, owing to defect in design, material or workmanship, the supplier will have to replace them at the place of installation free of all charges.
- c) During the guaranty and warranty period as specified above the supplier shall ensure to attend any issue occurred at the screen station site due to any defect identified on the spare parts installed within the scope of this tender document with a period of 24 hours of the intimation (through email/whats app/telephone/whichever is earlier) and shall replace the spare parts and do whatever necessary to make the issues resolved or managed till it get resolved permanently as per the norms and actual. At no cost the production process to be hampered, if any will be recovered from the supplier as decided by the management.

8. **Inspection & Testing:** All the inspection and tests shall be carried out as per requirements of the specifications governing the tender document. Final inspection shall be carried out at IFCAL premises and if found not confirming to our specification will be rejected outright. In that case the supplier has to take back the rejected materials within 15(fifteen) days and if fails to take back the materials within stipulated period, a penalty of 500/- per day will be collected/adjusted against bills or security deposit lying with IFCAL. If the supplier fails to take back the rejected materials within one month, no claim of their materials will be entertained. However, the bidder shall remain responsible for the quality assurance of the equipments to be supplied by them. The inspection of the component parts/materials of the batching system at the supplier's work do not relieve the Supplier of their responsibility towards quality/performance of the equipments delivered by them.

9. **Bill of Materials & Despatch Documents:**

- a) The bidders are required to submit details and quantity of the bought out equipment / components along with the Tender.
- b) Despatch documents should include tax invoice as per GST norms, challan, L.R , packing list and copy of test certificate from a reputed test house, a complete set of despatch documents in duplicate is required to be sent to IDCOL Ferro Chrome & Alloys Limited, P.O- Ferrochrome Project, Jajpur Road, Dist- Jajpur (Odisha) by courier immediately on despatch of the consignment.

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10. Payment:

- a) The 50% payment of order value will be made by the purchaser on submission of bill against supply of consignment documents within 30 days of actual receipt and inspection of the materials at IFCAL site. Bank commission/charges towards payment shall be to the supplier's account.
- b) 40% payments of order value after completion of the installation, testing & commissioning and submission of all drawings/documents/datas and ordering specifications as referred to in the Scope of Work.
- c) Balance 10% order value shall be released after successful installation and commissioning of equipment at site and upon furnishing performance bank guarantee (as per Annexure B) stated at Para 22 of this tender document.

NB: No interest can be claimed upon any of the above payments.

11. Performance Guarantee:

Performance Guarantee in the form of Bank Guarantee (BG) on the prescribed format @10% of order value in favour of IDCOL Ferrochrome Alloys Ltd, Jajpur Road towards performance of the contract (Purchase Order) shall be required to be submitted by the party after successful installation of the project at site. This bank guarantee shall be valid for 24 months from the date of successful completion of installation and commissioning at site or 10% amount can be withheld in lieu of Performance Guarantee.

12. Validity Period of the BID:

- a) The tender shall be valid for a period of 60(Sixty) days from the date of opening of the Technical Bid of tender. Terms and financial details submitted in the bid shall be treated as "firm" during the said period.
- b) In exceptional circumstances, prior to the expiry of the bid validity period, the Purchaser may request bidders to extend the period of validity of their bids. The request and the responses shall be made in writing.

13. **Rejection:** If the Spares/its component parts after installation and commissioning at our site are found not confirming to our specification, the same shall be rejected. The supplier is to repair/replace the spares/ its component parts at their own cost & risk within 7 (seven) days of delivery beyond which IFCAL authority shall not be responsible for its safe custody.

14. **Liquidated Damage:** Delivery, installation and commissioning of the materials are being the essence of the contract, if delayed beyond schedule(As per the bar chart), liquidated damage @ 0.5% per week of the basic price for delayed Consignment shall be levied and recovered subject to a maximum of 5% of the total order value excluding taxes & duties.

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15. **Risk Purchase**: In case the supplier fails to supply the Spares for vibrating Feeders & Weighing Batching System and to complete the installation and commissioning work beyond schedule (As per bar chart) and as per our order/intimation, IFCAL shall be at liberty to purchase the same from any other sources and to complete the installation and commissioning work by engaging any other agency and extra expenditure incurred, if any, for such, shall be recovered from the supplier i.e. either from pending bills or from the Security Deposit.
16. **Force Majeure**: Either party shall not be in any way liable for non-receipt, non-supply of materials in whole or part of our ordered quantity in consequence of any strike, lockout, stoppage, fire, breakdown, accident or whatever in nature beyond the control of Buyer and Seller.
17. **Earnest Money Deposit (EMD)**: Earnest money of Rs.100,000/- (Rupees Hundred Thousand only) shall be furnished in the form of Demand Draft (D.D) drawn on any Nationalized Bank in favour of IDCOL Ferro Chrome & Alloys Limited payable at Jajpur Road. No request for adjustment of EMD against any outstanding dues with IFCAL shall be entertained.
- i) Bidders having valid registration under MSME/NSIC units are exempted from deposit of EMD (Documentary proof in support of valid MSME/NSIC registration to be enclosed).
 - ii) In case of unsuccessful bidders, the EMD shall be refunded to the bidder without any interest immediately after issuance of the order and its acceptance by the successful bidder.
 - iii) **Forfeiture of EMD**: In case the bidder opts to withdraw from the tendering process after opening of the tender and while the same is under consideration of IFCAL during the validity period of 60(sixty) days, the Earnest Money as deposited by the bidder shall be forfeited without any reference to the bidder.

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18. **Security Deposit (SD) & Earnest Money Deposit(EMD):**

The tenderer have to provide an amount of Rs.100,000/- (Hundred Thousand) only as EMD along with the tender documents (to be placed in the envelope together with General Bid) which unless otherwise specifically restricted /exempted under any other clause of this document, the said amount of un-successful bidders shall be returned after completion /finalization of tender i.e. within 10 days of the issuance of the LOI or Purchase order to the successful bidder whichever is later.

In case of non-MSME successful bidder the EMD amount shall be adjusted towards security deposit and in the case of MSME bidder , upon intimation shall deposit 25% of the EMD amount as mentioned in this clause of this document as security deposit within a period of 7(seven) days from the date of the intimation. Security Deposit will be refunded only after satisfactory execution of the purchase order and after adjustment of any due.

- (i) The EMD of the successful bidder shall be converted to Security Deposit after they confirm acceptance of the Purchase Order with other terms & conditions.
- (ii) Security Deposit shall be retained with IFCAL & shall be refunded without any interest after successful performance from the date of complete supply.

19. **Buyer's Option:** IDCOL Ferro Chrome & Alloys Ltd reserves the right to split the tender quantity among more than one party. The company may reject any or all quotations without assigning any reason thereof.

20. **Termination of the Contract:** IFCAL Shall have the discretion to terminate agreement/ work order without assigning any reason thereof, whereupon the contractor will immediately cease the provision of the services and submit the bill for the contracted services to the date of termination subject to deductions if any under the terms of work order and no compensation /other claims will be allowed or considered.

In case of failure by the supplier to fulfill any of the contractual obligation the management of IFCAL reserves the right to cancel the purchase order and in such case , the security deposit will be forfeited.

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21. Safety:

- a) The safety of the workmen & officers of the contractor , during the period of installation ,Testing & Commissioning shall be the sole responsibility of the contractor.
- b) Safety instrument should be made available to all the concerned workmen by the contractor only.
- c) Safety norms to be followed strictly as set by/in consultation with the officer in charge of safety of IFCAL and as per the rules framed under concerned Act. The authorized representative to contract is Safety (I/C) of IFCAL.
- d) All workmen should be ---- insured against any accidental damages may occurred. IFCAL will not be responsible /obliges for any accident or any compensation may arise during the whole job.

22. Scope of IFCAL

- a. Free accommodation with electricity on chargeable basis and water for staff and supervisors engaged for the job shall be provided by IFCAL
- b. Tiffin and meals can be provided for contractor's workmen at our canteen inside the factory premises at usual subsidized rate.
- c. Free electricity shall be provided for the equipments required during installation and commissioning.

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ANNEXURE A**Details of Requirements and Technical Specifications of Equipments**

Supply, Installation & Commissioning of vibrating Feeders with spares & weighing Batching system and the quantity of requirement. (Quantity may increase/decrease as per buyer's option).

Sl. No	Name of Items	Quantity
1	<p>Electro Mechanical Suspension type Motorized Vibrating Feeders with VFDs control panel, 3 phases (415 V AC). (8 charging feeders, 4 discharging feeders) Specifications: Length of the Trough: 1400 for Charging /1000 mm for discharging Width of the Trough: 600 mm. Bulk Density: 0.5 to 2.2T/m³ Capacity: 60 TPH (Dry Sand) Material of construction of Trough: MS in 5mm thick plate. Power Supply: 415V, Three Phase Drive Rating: 0.54 KW (2 motors – IP65, S1 Duty, F Class) Max. Amplitude of Vibration: 2 mm. Frequency of Vibration: 1500/minute Lining for Trough: 10mm Polymer liner at base & side</p>	12 Nos.
2	Combined Electrical Panel of suitable size for 12 numbers of 60 TPH Vibro feeders with MCC circuit and 04 Nos. of ABB make Variable Frequency Drive for controlling 8 Nos. Vibro-feeders in Coarse & Fine mode and controlling the speed of 4 Nos. Discharge Vibro-feeders	01 No.
3	<p>Fully wired Batching control panel for MA-10B Weighing Batch Controllers (04 Nos) with upgradation of existing weighing batching control system to PLC based SCADA station with provision of storage, print & execution of daily batch wise data in PC. Specifications: (i) Fully wired Batching Control Panel of Suitable size with required Mimic diagram, Relays, MCBs, Push buttons, two way switches, lamps, 24V power supply, etc (Colour Siemens Gray) for automatic and Manual operation having provision for installation of 04(four) Nos. Weighing Batch Controllers.</p>	01 No
	(ii) Siemens make PLC, Model CPU 1510 SP1 PN consists of: (DQ) Digital Output with Simatic base unit	32 Nos.
	(DI) Digital Input with Simatic base unit	32 Nos
	Simatic S7 Memory Module, Ethernet Port, Modbus Module, Interfacing cable.	01 set
	(iii) SCADA station Core i3, 4 GB RAM 500 GB HD, 4 USB port, Ethernet port, optical USB mouse, USB Keyboard, monitor TFT LED 21" wide.	01 No.
	(iv) Movicon make SCADA software runtime with unlimited tags. Qty- 01 No	01 No.
	(v) Deskjet Printer	01 No.
	(v) Deskjet Printer	01 No
	(vi) 1KVA Load UPS, 30 min Battery Backup.	01 No.

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ANNEXURE B
BANK GUARANTY FOR PERFORMANCE
(ON NON-JUDICIAL PAPER OF APPROPRIATE VALUE)

TO:

M/s. IDCOL Ferro-Chrome & Alloys Ltd.
 At/PO. Ferro-Chrome Project.
 JAJPUR ROAD.DIST. JAJPUR.ODISHA.
 PIN-755020

B.G. NO. :
 DATE OF ISSUE :
 VALIDITY :
 AMOUNT : Rs.

THIS DEED OF GUARANTEE executed by M/s _____ registered under the Nationalized Bank, constituted under the Banking Companies (Acquisition and Transfer of Undertakings), Act, having its registered office at _____ (hereinafter referred to as "the Bank") in favour of M/s. IDCOL Ferro-Chrome & Alloys Ltd. (hereinafter referred to as "IFCAL") for an amount of not exceeding Rs _____ (Rupees _____) at the request of M/s _____ (hereinafter referred to as the Contractors / Suppliers).

This guarantee is issued subject to the condition that the liability of the Bank under this Guarantee is limited to a maximum of Rs _____ (Rupees _____) and the guarantee shall remain in full force upto (date of expiry) and cannot be invoked otherwise than by a written demand or claim under the guarantee served on the Bank on or before the (last date of claim).

Whereas the M/s. IDCOL Ferro-Chrome & Alloys Ltd.(A Unit of IDCOL, A Government of Odisha Under Taking)Jajpur Road,Jajpur,Odisha, – 755020 (hereinafter called IFCAL) has placed a Work Order No. _____ Dated _____ (called the order) with M/s _____ (hereinafter called as the Contractors / Suppliers) for the job of **Supply, Installation, Testing & Commissioning of Vibrating Feeders with spares & Weighing Batching System** at M/s. IDCOL Ferro-Chrome & Alloys Ltd.

And whereas it is one of the conditions of the order that the supplier shall submit a performance Bank Guarantee of 10% of the total order value, 10% of the order value being Rs _____ (Rupees _____).

We M/s _____ Hereby undertake that we will pay to the IFCAL without any demur, merely on a demand from the IFCAL any sum or sums which may from time to time demanded by the IFCAL upto maximum of Rs _____ (Rupees _____)

We _____ do hereby undertake to pay the amount demanded under this guarantee without any demur, merely on a demand from the IFCAL. Any such demand made on the bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee.

We undertake to pay to the IFCAL any money so demanded notwithstanding any dispute or disputes raised by the Vendor/supplier in any suit or proceeding pending before any court or Tribunal relating thereto our liability under this present being absolute and unequivocal.

The payment so made by us under this guarantee shall be a valid discharge of our liability for

payment there under and the said Vendor/supplier shall have no claim against us for making such payment.

We M/s _____ further agree that the guarantee herein contained shall remain in full force until (a) payment has been made to the IFCAL by the Bank of the aggregate amount payable hereunder or (b) all the items of work/supply as per the order has been completed in accordance with the conditions of the order or till the expiry of this guarantee and the IFCAL discharges the guarantee accordingly whichever shall first occur.

We, M/s _____ further agree with the IFCAL that they shall have the fullest liberty without consent and without affecting in any manner our obligations hereunder grant time or other indulgence to or compound with the Contractors / Suppliers or enter into any agreement or composition or agree to forebear to enforce any of the terms and conditions of the said order, against the contractor/supplier or agree to vary any of the terms and conditions of the said order or by any such matter or thing which under the law relating to sureties but for this provision have the effect of so relieving us.

This guarantee shall not be affected by any change in the constitution of the bank or the IFCAL of the Vendor/supplier nor shall this guarantee be affected by any change in the constitution of the IFCAL or said contractor by absorption with any other body or corporation and this guarantee shall be available to or enforceable by such body or corporation.

Our guarantee shall remain in force until Unless a claim or demand is made within one month after the expiry of the above date, all the IFCAL's right under the guarantee shall be deemed as waived/forfeited and we shall be relieved and discharged from all liabilities there under.

We M/s _____ lastly undertake not to revoke this guarantee during its currency except with the previous consent of the IFCAL in writing.

Notwithstanding anything to the contrary contained herein.

- a. Our liability under this Bank Guarantee shall not exceed of Rs _____ (Rupees _____).
- b. This Bank Guarantee shall be valid upto
- c. We are liable to pay the guaranteed amount or any part thereof under this bank guarantee if and only if you serve upon us a written claim or demand on or before
- d. The original Bank Guarantee is to be returned back to us on expiry thereof or else it shall be deemed to have been automatically cancelled.

Yours faithfully,

.....Bank
By it's Constituted Attorney

IDCOL FERRO CHROME & ALLOYS LIMITED**Tender Call Notice No. IFCAL/Elect/613****Date:10.08.2021****GENERAL BID**

1. Name of the tenderer :
- Full address :
- Name of the person signing the tender documents & mobile No. of contact person :
- Telephone No./Cell No. :
- Fax No. :
- E-mail ID. :
2. Legal status of the tenderer's farm: :
Please specify whether the tenderer is a public or private limited company or registered partnership firm or proprietary concern.
(Enclose documentary proof). :
3. Please specify whether the tenderer is a Manufacturer/Authorised Distributor/Authorised Dealer/ Trader(Enclose documentary proof)
4. Name of Managing Director / each Partner / Proprietor as the case may be. :
5. The date of commencement of business of the company / farm / proprietary concern. :
5. Valid registration under MSME/NSIC :
(Please enclose Xerox copy of documentary evidence issued by competent authority)
6. Upto-date GST Registration Certificate :
issued by the competent authority.
(Please enclose a Xerox copy of the certificate. The tender will not be taken into consideration if the tenderer does not enclose the copy of up-to-date GST Certificate / the application for issue of up-to-date GST Certificate duly received by the office of the competent authority).

Signature & Seal of Tenderer

7. PAN (Please enclose a xerox copy of the PAN card). :
8. Completion Time & Bar Chart as per Clause 1(d) :
of SCC
8. Quantities supplied to customers during the last 4 years. : 17-18 18-19 19-20 20-21
(Enclose copies of the P.O. for our verification of at least three customers).
.....

<u>Sl.No.</u>	<u>Name of the Purchaser</u>	<u>P.O Reference</u>	<u>Order Qty</u>
(1)			
(2)			
(3)			

9. EMD Details : D.D. No. :
Date :
Amount :
Drawn on :
(Banker' name)
Payable at :
10. Cost of tender paper : D.D. No. :
Date :
Amount :
Drawn on :
(Banker' name)
Payable at :

- a) The bidder should enclose the required documents in support of the above duly sign and sealed .
- b) The General Bid and the Price Bid shall be enclosed in separate sealed cover supper scribed as : General Bid” or “Price Bid ” as the case may be . both the sealed cover and the remaining parts of the tender documents should be put inside a bigger sealed cover which shall be addressed and delivered as per the instructions in important information sheet.

Signature & Seal of Tenderer

IDCOL FERRO CHROME & ALLOYS LIMITED
Tender Call Notice No. IFCAL/Elect/613

Date:10.08.2021

PRICE BID
PART I (Supply)

Sl. No	Name of Items	Unit	Rate	GST %
1	<p>Electro Mechanical Suspension type Motorized Vibrating Feeders with VFDs control panel, 3 phases (415 V AC). (8 charging feeders, 4 discharging feeders)</p> <p>Specifications: Length of the Trough: 1400 for Charging /1000 mm for discharging Width of the Trough: 600 mm. Bulk Density: 0.5 to 2.2T/m3 Capacity: 60 TPH (Dry Sand) Material of construction of Trough: MS in 5mm thick plate. Power Supply: 415V, Three Phase Drive Rating: 0.54 KW (2 motors – IP65, S1 Duty, F Class) Max. Amplitude of Vibration: 2 mm. Frequency of Vibration: 1500/minute Lining for Trough: 10mm Polymer liner at base & side</p>	Nos.		
2	<p>Combined Electrical Panel of suitable size for 12 numbers of 60 TPH Vibro feeders with MCC circuit and 04 Nos. of ABB make Variable Frequency Drive for controlling 8 Nos. Vibro-feeders in Coarse & Fine mode and controlling the speed of 4 Nos. Discharge Vibro-feeders.</p>	Nos.		
3	<p>Fully wired Batching control panel for MA-10B Weighing Batch Controllers (04 Nos) with upgradation of existing weighing batching control system to PLC based SCADA station with provision of storage, print & execution of daily batch wise data in PC.</p> <p>Specifications: (i) Fully wired Batching Control Panel of Suitable size with required Mimic diagram, Relays, MCBs, Push buttons, two way switches, lamps, 24V power supply, etc (Colour Siemens Gray) for automatic and Manual operation having provision for installation of 04(four) Nos. Weighing Batch Controllers.</p>	Nos.		
	(ii) Siemens make PLC, Model CPU 1510 SP1 PN consists of: (DQ) Digital Output with Simatic base unit	Nos.		
	(DI) Digital Input with Simatic base unit	Nos		
	Simatic S7 Memory Module, Ethernet Port, Modbus Module, Interfacing cable.	Set		
	(iii) SCADA station Core i3, 4 GB RAM 500 GB HD, 4 USB port, Ethernet port, optical USB mouse, USB Keyboard, monitor TFT LED 21" wide.	Nos.		
	(iv) Movicon make SCADA software runtime with unlimited tags.	Nos.		
	(v) Deskjet Printer	Nos.		
	(v) Deskjet Printer	Nos.		
	(vi) 1KVA Load UPS, 30 min Battery Backup.	Nos.		

PART II (Installation & Commissioning)

	Charges for the Installation and Commissioning of vibrating Feeders with spares & weighing Batching system at site & Training to staff with commitment to offer after sales Services in the period of Warranty for the machinery & equipment offered to supply as per the tender	Lumpsum	Rate	GST %

Total (Part-I + Part-II) :

(In words.....Rupees only)

I/we have read the terms & conditions of the tender fully and accept the same.

Signature & Seal of Tenderer