

Instruction to bidders and terms & conditions for supply of Cold Rolled Grain Oriented (CRGO) steel laminations on finished and stacked basis under enquiry (E1443072) for BHEL Bhopal Unit (India) – 844680 kgs.

Offers through GeM's e-procurement portal <https://gem.gov.in> are invited in Two-Part Bid system for purchase of **27CG130 / 23CG130 / 27CG120 / 23CG120** grade of CRGO laminations on finished and stacked basis as per terms and conditions below.

General: Enquiry will be governed by below mentioned technical and commercial terms for supply of Cold Rolled Grain Oriented (CRGO) Laminations in conformity with BHEL specification AA10905 rev.08 for requirement of BHEL Bhopal.

The supplies against this enquiry shall be subject to GeM's general Terms and conditions of enquiry and PO. In addition, the terms and conditions given under this annexure shall specifically apply to this enquiry.

- 1. Technical terms and condition** detailed herein along with BHEL specification AA10905 rev.08 (27CG130 or equivalent or superior) mentioned under scope of contract will govern supply of CRGO Laminations.
- 2. Quantity & bid evaluation:** Tentative quantity for **27CG130 / 23CG130 / 27CG120 / 23CG120** or equivalent or better grade of CRGO Laminations in terms of core losses is as under: Total quantities is for manufacturing of 24 sets of reactors (12 sets each against each item). Item details of tender are as under:

(all quantities in kg)

It. No	Item description of CRGO laminations in grade 27CG170 / 23CG130 / 27CG120 / 23CG120, equivalent or superior in terms of losses	Per set qty.	Total no. of sets	Total qty.	Total qty. with+1% tolerances.
1	As per core computed drg no. 34977000040	39172	12	470064	474765
2	As per core computed drg no. 34977000041	30521	12	366252	369915
Total			24	836316	844680

Over all quantities are subject to variation of +1%. Bidders can also quote superior grade material (in terms of core losses). Acceptance / rejection of the same shall be in purview of BHEL.

Item-1: Total supply quantity is to be restricted between 470064 kg & 474765 kg.

Item-2: Total supply quantity is to be restricted between 366252 kg & 369915 kg.

Evaluation shall be done on item wise i.e. individual L1 shall be established for each item.

- 3. Quantity distribution:** The quantity distribution in such cases shall be as below:

Quantity is for 24 sets of CRGO laminations for 24 nos of reactors. Quantity shall be distributed between $n - 1$ vendors in the ratio detailed below for each item of 12 sets.

Item no.	Number of qualified suppliers = n	Distribution ratio	
		L1	L2
1	3 or more	8 sets	4 sets
2	3 or more	L1	L2
		8 sets	4 sets

Counter Offer: Final accepted rate of L1 shall be counter offered to L2 bidder and beyond as per relative status in tender against each item. On non-acceptance of counter offer by any of the L2 bidders and beyond, counter offer of final L1 rate shall be given to next bidder in sequence of their ranking. Based on the acceptance of counter offer by any two bidders in order of their ranking, quantity shall be distributed in the ratio mentioned above of the total tender quantity. In case, no bidders accept the counter offer, 100% of the quantity for that item shall be awarded to L1 vendor.

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In case of only two qualified bidders the distribution among the both the bidders depending upon the committed capacity to BHEL, BHEL's production requirement, acceptance to counter offer etc., if any, at the discretion of BHEL.

Raw material sources: CRGO laminations are to be made from CRGO steel (mother coil) grade **(27CG130 / 23CG130 / 27CG120 / 23CG120 or equivalent or superior in terms of core losses)**. For subject requirement, lamination processor and raw material – CRGO coils supplying mills, both, must be approved by M/s PGCIL for their 765 kV class jobs.

4. PQR (pre-qualifying requirement) conditions:

- **As per attached PQR points along with NIT- E1443072 (Annexure-II).**

Important note:

- All circulars issued by Government of India affecting any of the above conditions directly / indirectly shall supersede the above-mentioned conditions.
- Vendors to fill the Annexure- III with duly signed and stamped along with Bid submission.
- All the Annexures – I, II, III & IV to be duly signed and stamped and submit along with part – I bid.

5. Supply conditions: Tentative shipment / delivery shall be within 45 days from Purchase order (PO) OR contractual delivery, whichever is later from date of award of formal PO. Expected shipment dates beyond contractual delivery may change subject to mutual consent. Tentative requirement of materials against this enquiry for BHEL- Bhopal is from Mid Feb 2025 to Jun 2025 progressively.

Laminations are to be cut on CNC cropping line only. CRGO laminations are to be made as per BHEL drawing provided for each purchase order. Number of sheets specified per stack per width should be ensured. Stack height is very important and to be maintained, weight may vary slightly. Clarification should be immediately taken from BHEL Bhopal, if stack height is not achieved. Tolerance of + 1% in total weight per PO will be permissible to achieve required stack height and completeness of laminations. If total weight of laminations required exceeds PO quantity with permissible tolerance, prior approval shall be obtained from Transformer Engineering. All the limbs, Centre leg, side leg, yoke and fishes shall be supplied duly stacked in ready to build to core condition. Clarification, if any, to be taken from TRM/ TRE, BHEL Bhopal.

6. Inspection and Test certificates: -

- I. Supplier shall submit Mill TC of raw material CRGO coils along with commercial documents if required by PGCIL (Bill of lading, Bill of entry, commercial invoice and packing list etc.) evidencing purchase of genuine CRGO coils for BHEL's lamination job for each purchase order. Mill TC shall be submitted before processing the job for approval / inspection from BHEL QC / PGCIL to avoid any quality complaints in future.
- II. BHEL Quality/ PGCIL /TPIA will review TC or inspect coil at vendor works and accord clearance for processing laminations within 10 days (considering inspection duration and testing of samples at competent accredited testing lab as per ISO 17025. Certificate shall contain accreditation & Accreditation Symbol) of submission of complete mill TC, clarifications and other documents if required any. Mill TC shall be as per BHEL specifications. No delivery extension request will be considered in case of delay by supplier in submission of complete documents and clarifications. BHEL will not be responsible for LD penalty due to delay in submission of mill TC or clarifications by vendor.
- III. Test certificates should cover result of tests for mechanical and electrical properties as per specification for each coil No/ Heat No.
- IV. Dimensions and tolerances shall be as per specifications and a clause confirming same shall be mentioned clearly in mill TC submitted.
- V. Inspection is to be done before (of prime CRGO coils) and after processing (of finished laminations) by PGCIL and BHEL, Quality or any one agency. Supplier shall give inspection call at least 10 days in advance for both.
- VI. Raw material and finished laminations testing are in supplier's scope wherever required as per Quality Plan. Inspection both RM and final shall be as per PGCIL's applicable QA plan.

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- VII. Maximum specific total loss and magnetic permeability measurement is by single sheet testing (for domain refined). Samples of raw material CRGO Laminations shall be provided to BHEL for internal testing. Sample of the Domain Refined Grade of CRGO will be tested on the Single Sheet Tester (SST). Total specific core loss measured by SST should be less than the maximum value specified in the corresponding specification. Results obtained at BHEL lab will be final and binding for acceptance of material.
- VIII. TC shall clearly bear BIS mark with license number.

7. Tests and procedure: Test certificate shall clearly indicate following information:

- I. Supplier's name, Grade, Identification no., Size and weight, Packet/ Bundle no.
- II. Test results of dimensions and tolerances
- III. Details of insulation coating
- IV. Type test as required
- V. Properties of Specific total loss of each coil, Mechanical and Electrical properties for one random coil of each lot.
- VI. Results of chemical composition (for information only, if required). Supplier shall enclose one copy of test certificate as per above along with dispatch documents to facilitate clearance/ acceptance of finished laminations. After making core with supplied laminations the core losses shall be measured at BHEL Bhopal in presence of M/s PGCIL.
- VII. It will be reviewed with respect to the Test certificates of raw material / lamination provided by Supplier. Supplier shall be responsible for higher losses if any. In case of higher losses, BHEL reserves the right to reject full lot.

8. Bid opening: - The 'Techno-commercial' part of the bid i.e. Bid Part – I of the offers shall be opened on the due date of tender opening **on GeM portal**. Clarifications if required on this part may be obtained from the bidders for their evaluation. The Price bid Part-II of such bidders alone shall be opened on a later date **on GeM portal** whose techno-commercial bids are found acceptable. The date of 'Price bid –Part II' opening shall be intimated to technically qualified bidders later.

9. Price finalization shall be done through price bid opening and through reverse auction as per GeM terms and conditions.

10. Delivery period: Delivery period shall be quoted in number of Days from PO date or as per agreed commercial conditions. BHEL prefers delivery to be 45 days from date of PO. Early deliveries will be acceptable with mutual consent. Item wise PO shall be placed separately. Supply requirement against this enquiry for BHEL- BHOPAL shall be from 1st Feb-2025 to 31st July 2025 progressively.

11. Terms of delivery: F.O.R. destination on door delivery basis (BHEL Bhopal).

12. Levy of Penalty for delayed performance: As per latest GeM guidelines. On LD recovery, the applicable GST shall also be recoverable from indigenous vendors. Receipt of material at BHEL (CN date i.e material entry date in BHEL) will be taken as proof of delivery for indigenous bidders.

13. Replacement of rejected goods: Final inspection for acceptance of material shall be at BHEL's works after testing in presence of BHEL as well as PGCIL representative during core building stage and results shall be binding on the suppliers. Rejected goods are to be lifted and replacements to be supplied immediately free of cost by the vendor. It will be dealt as per latest GeM guidelines.

14. Payment Terms: - As per latest GeM guidelines.

MSME Suppliers may opt for the below payment terms:

- I. **Micro & Small enterprises** - Within 45 days from receipt & acceptance of materials at BHEL-BHOPAL.
- II. **Medium enterprises** - Within 60 days from receipt & acceptance of materials at BHEL-BHOPAL.
- II. MSME vendors may opt for payment through TReDS (Trade Receivables Discounting System). For details please visit www.rxil.in
- III. No overdue interest shall be payable by BHEL.

15. Transit Insurance: - All type of risks to be covered in Insurance policy and in supplier scope only.

16. Validity of Offer: Offer should be valid for a period of 90 days from the date of technical bid opening date for finalization of the contract. In case, validity lower than 90 days is provided, bids shall be liable for rejection.

17. Taxes & Duties: -

- The bidders are requested to furnish the rate and type of duty / taxes as extra applicable to the product under this enquiry in their bid (along with details like HSN, SAC codes, GSTIN no. of vendor etc).
- Indian Bidders-Bidders to ensure timely remittance of SGST, CGST, IGST as applicable in time as per law.
- Vendor to ensure compliance to timely filing of monthly GST return. GST portion of invoice shall be released only upon the invoice being reflected in GSTR 2A of BHEL and invoices being compliant to GST Invoice rules.

BHEL will avail tax credit as per GST rules. Vendors to note that GST portion of invoice amount shall be released only upon:

- Vendor declaring such invoice in his GSTR – 1 and
- Receipt of goods and tax invoice by the BHEL and
- Confirmation of payment of GST thereon by vendor on GSTN portal
- Above is subject to receipt of goods and tax invoice thereof along with vendor declaring invoice in his return and paying GST within timeline prescribed for availing TC by BHEL.

In case, GST credit is delayed / denied to BHEL due to non / delayed receipt of goods and / or tax invoice or expiry of timeline prescribed in GST law for availing such ITC (Input Tax Credit) or any other reasons not attributable to BHEL, GST amount shall be recoverable from vendor along with interest levied / leviable on BHEL.

In case, vendor delays declaring such invoice in his return and GST credit availed by BHEL is denied or reversed, subsequently as per GST law, GST amount paid by BHEL towards such ITC reversal as per GST law shall be recoverable from vendor along with interest levied / leviable on BHEL. Further, any GST liability arising on BHEL under RCM (Reverse Charge) before actual receipt of goods and / or invoice thereof would be subject to recovery of interest leviable for the period between the date of such liability and actual date of eligibility of ITC based on receipt of goods, receipt of invoices and other conditions specified in GST law.

18. Integrity Pact:

- a) The integrity pact submitted along with the current rate contract will be considered valid for the duration of contract.
- b) IP is a tool to ensure that activities and transactions between the Company and its Bidders/Contractors are handled in a fair, transparent and corruption free manner. A panel of Independent External Monitors (IEM) has been appointed to oversee implementation of IP in BHEL.
- c) The IP as enclosed with the tender is to be submitted (duly signed by authorized signatory who signs in the offer) along with techno-commercial bid. Only those bidders who have entered into such an IP with BHEL would be competent to participate in the bidding. In other words, entering into this Pact would be preliminary qualification. Details of IEMs for this tender is furnished below:

Sl.No	IEM	Email
1	Shri Otem Dai, IAS (Retd.)	iem1@bhel.in
2	Shri Bishwamitra Pandey, IRAS (Retd.)	iem2@bhel.in
3	Shri. Mukesh Mittal, IRS (retd.),	iem3@bhel.in

- d) Please refer section-8 of the IP for Role and Responsibilities of IEMs. In case of any complaint arising out of the tendering process, the matter may be referred to the IEM mentioned in the tender.
- e) No routine correspondence shall be addressed to IEM (phone/post/email) regarding the clarifications, time extensions or any such administrative queries, etc. on the tender issued. All such clarification/issues shall be addressed directly to the tender issuing (procurement) department.

19. Short closure: BHEL reserves right to short close the contract for quantities anytime during the tenure of the contract.

20. Fraud prevention policy: Fraud prevention Policy of GeM is to be complied.

21. Compliance to MAKE IN INDIA circular issued by Gol:

“For this procurement, Public Procurement (Preference to Make in India), Order 2017 dated 15.06.2017, 28.05.2018 and subsequent Orders issued by the respective Nodal Ministry shall be applicable even if issued after issue of this NIT but before finalization of contract/ PO/ WO against this NIT.

In the event of any Nodal Ministry prescribing higher or lower percentage of purchase preference and/ or local content in respect of this procurement, same shall be applicable “

To avail purchase preference under Make in India guidelines, vendor should be categorized as Class 1 supplier. For a vendor to be classified as Class 1 supplier, bidder & their mill from which support letter has been furnished shall have to submit annexure – IV with seal and sign duly ratified / verified by statutory auditor or cost auditor of the company (in case of companies) or from a practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content.

22. Corrigendum / addendum: Any corrigendum/addendum related to this tender shall be updated on GeM portal <https://gem.gov.in>. Bidders are requested to regularly visit the BHEL website to keep themselves abreast with updates.

23. Bidders are advised to read the latest Government circular/OM/Notices etc. issued by Government of India & BHEL (wherever applicable to BHEL, shall be follow).

- i. BHEL's PO conditions for indigenous bidders (attached).
- ii. Latest Order (Public procurement no-4 dtd. 23.02.2023) subject: Restrictions under rule144 (Xi) of general financial rules GFRs, 2017 shall be applicable along with subsequent order issued by Government of India (Ministry of Finance).
- iii. General terms and conditions as per GeM shall be applicable.

24. BHEL shall not be releasing any additional document other than formal PO in case contract is finalized with a bidder. For any queries, please contact the undersigned:

Name:	Dharmendra singh	Vineet Suman
Designation:	AGM	Sr. Manager
Department:	CMM – Steel, Copper & FE	CMM - Steel
Contact details:	+91 755 – 250 3360	+91 755 – 250 5805
Email:	dharmendra2000@bhel.in	vineetsuman@bhel.in

PQR (Pre-Qualifying requirement) conditions of tender no - E1443072.

Sr. No	Parameters	Vendors compliance (Yes/No)
1.	Vendors of CRGO rolls and lamination (slitting & cutting) must be approved by M/s. PGCIL (Component Manufacturers of Power Transformer/Reactor up to 765 kV Class) on tender bid part-1 opening date. Any change in M/s PGCIL status shall be immediately informed to BHEL. Vendors must be approved by M/s PGCIL and if validity extension is pending with PGCIL, same shall be considered for further processing.	
2.	Certificate of conformity: Lamination processor to submit valid certificate of conformity as on bid part – 1 opening date as per latest quality control order issued by Government of India.	

(Seal & sign of the bidder)

Other salient parameters for compliance in tender E1443072:

Sr. No	Conditions	Vendors compliance/acceptance (Yes/No)
1	Confirmation about UOM (Unit of Measurement) & currency in which you have quoted i.e. INR / kg OR INR / MT. Also, please confirm whether you have quoted your rate inclusive of GST. (*please quote rate inclusive of GST only.)	(Yes / No)
2	Acceptance to supplies as per BHEL's specification AA 10905 rev.08	(Yes / No)
3	Confirmation that tendered quantity for item 1 has been offered.	(Yes / No)
4	Confirmation that tendered quantity for item 2 has been offered.	(Yes / No)
5	Quoted delivery period. Material requirement shall from Mid Feb 2025 till June 2025.	(Delivery period to be quoted in no. of days)
6	Acceptance of penalty clause as per standard GeM terms	(Yes / No)
7	Acceptance to distribution of each item as per clause 3 of annexure – I	(Yes / No)
8	Acceptance to bid evaluation criteria as per clause 2 of annexure - I	(Yes / No)
9	Acceptance to general terms and conditions as per GeM.	(Yes / No)
10	Acceptance to fraud prevention Policy of BHEL/GeM.	(Yes / No)
11	Acceptance of inspection clause: Inspection to be carried out as per applicable QA plan of PGCIL.	(Yes / No)
12	Acceptance of standard payment term of GeM.	(Yes / No)
13	Acceptance to Integrity Pact clauses. Integrity Pact duly signed & filled to be submitted with the offer.	(Yes / No)
14	Confirmation that only one grade & type of CRGO steel to be used for manufacturing of one set	(Yes / No)
15	Acceptance that BIS grade CRGO coils shall be sourced from mills holding valid BIS license and from only those approved by PGCIL for their 765 kV class jobs.	(Yes / No)

(Seal & sign of the bidder)

MAKE IN INDIA format (to be filled by OeMs of the participating bidders)

BHARAT HEAVY ELECTRICALS LIMITED, BHOPAL

MATERIAL MANAGEMENT – STEEL DIVISION

For this Procurement, Government of India Public Procurement (Preference to Make in India), Order 2017 with its amendments and subsequent Orders issued by the respective nodal ministries shall be applicable even if issued after issue of this NIT but before finalization of contract/PO/WO against this NIT.

*As per the Provisions of this order, please submit **a self-certification complying with the conditions below on company letterhead duly signed by competent authority.***

I _____, hereby declare on behalf of M/s. _____ that we are participating in the Enquiry No. _____ floated by BHEL, Bhopal (MP), India and shall comply with following:

1. Public Procurement (Preference to Make in India), Order 2017 *with its amendments* and subsequent Orders issued by the respective nodal ministries shall be applicable even if issued after issue of this NIT but before finalization of contract/PO/WO against this NIT.

(a) A supplier will be treated as “**Class-I Local Suppliers**”, if the items quoted by bidder have local content equal to or more than 50%.

(b) ‘**Local Content**’ means the amount of value added in India, which shall be total value of item quoted (excluding net domestic indirect taxes) minus the value of imported content in the item (including all custom duties) as a proportion of the total value, **in percent**.

2. I hereby declare that our firm qualifies as “**Class-I Local Suppliers**”.

a. The Local Content in the items quoted under this Enquiry is _____ Percent

b. Details of location(s) in India where this value addition shall be done, is/are as follows:

- (a) _____
(b) _____
(c) _____

(_____)

For M/s.

(Seal & Sign)