

Mandatory technical Pre-Qualification Requirements for Cold Rolled Non Grain Oriented Sheet Steel- Grade-700 (Material code – HW1091798028)

Description

This covers the requirement of cold rolled, non-grain oriented steel sheet in finally annealed condition in 1.0 mm thickness. It is used for laminations of Electrical Machines.

Mandatory requirement for Pre-Qualification

1. **Experience Requirement –**

Vendor should have experience of manufacturing and supplying, in last ten years as on date of enquiry, at least 5 Tonnes of CRNGO sheet steel (insulated/uninsulated) with following minimum technical details –

| SI no | Product features | Details |
|-------|------------------|--|
| 1 | Material | Cold Rolled Non-grain oriented sheet steel (insulated/uninsulated) |
| 2 | Material Grade | Gr-700 or better as per EN:10106 / IS:648 / IEC 404-8.4 |

In support of above, vendor shall furnish experience list of their supplies as per the following format to BHEL:

| SI No | P.O. Number | Name & address of customer | Material Grade | Quantity (Tonnes) | Year of supply |
|-------|-------------|----------------------------|----------------|-------------------|----------------|
| | | | | | |

Vendor to submit the following documents as an evidence of acceptance of supplied ETS for the above mentioned successfully executed order -

- a) Copy of Un-Priced Purchase Orders executed.
 - b) Test certificate for any one of the submitted PO. The submitted test certificates should have co-relation with PO. Test certificates shall cover magnetic properties etc.
2. **Manufacturing Facilities** Vendor should confirm that they have in-house facilities for manufacturing of Cold rolled non grain oriented (CRNGO) sheet steel.
3. **Testing Facilities:** Vendor to confirm in-house testing facilities as per the requirement of enquiry specification. In case of outsourcing of tests, vendor to agree for testing at Government/International agency's accredited labs only..

Note - BHEL reserves the right to verify information submitted by vendor. In case the information is found to be false / incorrect, the offer shall be rejected.

Pre-Qualification Requirements (Technical) for Cold Rolled Non-Grain oriented (CRNGO) sheets-
Grade:310, Specification AA10907

1. **Experience:**

1.1 The vendor should have manufactured and supplied at least 50 Metric Tonnes (MT) of 0.5mm thick CRNGO sheets in grade 350/310/290/270/250 as per EN:10106 / IS:648 / IEC 60404-8-4 in last 10 years as on date of enquiry.

In support of above, vendor to furnish details of their supplies in the following format:

| Purchase Order no. | Material Grade: | Sheet dimension (in mm) | | | Qty. (MT) | Date & Year of Supply |
|--------------------|-----------------|-------------------------|---------|---------------------|-----------|-----------------------|
| | | Thickness | Breadth | Length or Roll form | | |
| | | | | | | |
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1.2 In support of above, vendor to furnish copy of at least one unpriced purchase order of minimum 12 MT executed during last 10 years from date of enquiry.

1.3 Vendor to furnish test certificate for the PO submitted against clause 1.2. Test certificates shall cover magnetic properties, dimensional reports, mechanical test reports, varnish / coating thickness etc. Technical Data sheet of insulation varnish also needs to be submitted along with test certificates.

2. **Manufacturing Facilities:** Vendor shall confirm that they have manufacturing facilities in-house for producing CRNGO sheets as per enquiry. Vendor to furnish details of the manufacturing facilities available at their works.
3. **Testing Facilities:** Vendor to provide details of in-house testing facilities required for carrying out testing as per enquiry specification. In case of outsourcing of tests, vendor to agree for testing at Government/International agency's accredited labs only.
4. Vendor to confirm that the supply of item shall be as per BHEL's enquiry specification and size.

Note:

1. The vendor should furnish all the documents in English language only. If the documents are not in English, then they must be accompanied by duly certified English translations of the same.

Mandatory technical Pre-Qualification Requirements for Cold Rolled Non Grain Oriented Sheet Steel- Grade-530 (Material code – HW1091778060)

Description

This covers the requirement of cold rolled, non-grain oriented steel sheet or coil in finally annealed condition in 0.5 mm thickness. It is used for laminations of Electrical Machines.

Mandatory requirement for Pre-Qualification

1. Experience Requirement –

Vendor should have experience of manufacturing and supplying, in last ten years as on date of enquiry, at least 1 Ton of CRNGO sheet steel (insulated/uninsulated) with following minimum technical details –

| SI no | Product features | Details |
|-------|------------------|--|
| 1 | Material | Cold Rolled Non-grain oriented sheet steel (insulated/uninsulated) |
| 2 | Material Grade | Gr-530 or better as per EN:10106 / IS:648 / IEC 404-8.4 |

In support of above, vendor shall furnish experience list of their supplies as per the following format to BHEL:

| SI No | P.O. Number | Name & address of customer | Material Grade | Quantity (Tonnes) | Year of supply |
|-------|-------------|----------------------------|----------------|-------------------|----------------|
| | | | | | |

Vendor to submit the following documents as an evidence of acceptance of supplied

CRNGOETS for the above mentioned successfully executed order -

and

- a) Copy of Un-Priced Purchase Orders executed.
- b) Test certificate for any one of the submitted PO. The submitted test certificates should have co-relation with PO. Test certificates shall cover magnetic properties etc.

2. **Manufacturing Facilities** Vendor should confirm that they have in-house facilities for manufacturing of Cold rolled non grain oriented (CRNGO) sheet steel.

3. **Testing Facilities:** Vendor to confirm in-house testing facilities as per the requirement of enquiry specification. In case of outsourcing of tests, vendor to agree for testing at Government/International agency's accredited labs only.

Note - BHEL reserves the right to verify information submitted by vendor. In case the information is found to be false / incorrect, the offer shall be rejected.