



**PRE-QUALIFICATION REQUIREMENTS FOR  
TREFOIL CLAMPS (RATE CONTRACT)**

PE-PQ-RC-507-E005

REVISION NO. 0

DATE 09.04.2025

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**ITEMS: Trefoil Clamps**

Vendor may be considered for evaluation for one or more of the following type of trefoil clamps:

Type 1 – Nylon – 6 material

Type 2 – Aluminium alloy

Type 3 – FRP

**SCOPE SUPPLY: YES;**

**ERECTION & COMMISSIONING: NO;**

1	Manufactured & supplied applicable type of trefoil clamps for single core cable of minimum overall dia. of 50 mm.
2	Availability of type test certificates (for short circuit at 125kA peak or above) for the applicable type of trefoil clamps.
3	Vendor should have in-house manufacturing & testing facility for applicable type of trefoil clamps.
4	Manufacturing capacity of 25000 nos. per month for the applicable type of trefoil clamps.
5	Manufactured & supplied at least 75000 nos. trefoil clamps of applicable type in one or more orders.
6	Minimum two (2) nos. purchase orders for trefoil clamps of applicable type shall be submitted which should not be more than five (5) years old from the date of techno-commercial bid opening for establishing continuity in business.

**Notes (General points of PQR):**

1. Consideration of offer shall be subject to customer's approval of bidders, if applicable.
2. Bidder to submit all supporting documents in English. If documents submitted by bidder are in language other than English, a self- attested English translated document should also be submitted.
3. Notwithstanding anything stated above, BHEL reserves the right to assess the capabilities and capacity of the bidder to perform the contract, should the circumstances warrant such assessment in the overall interest of BHEL.
4. After satisfactory fulfilment of the above criteria/ requirement, offer shall be considered for further evaluation as per NIT and all the other terms of tender.
5. Attached annexure (Annexure-I) to be filled by the bidder on quality & general terms. Requisite documents (like factory registration certificate, R&D set-up details etc.) asked in Annexure-I, shall also be attached as Annexure-F2.1 to Annexure-F2.17 along with the filled response in Annexure-I.

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## ANNEXURE-I

### SUB-VENDOR QUESTIONNAIRE

<b>i.</b>	<b>Item/Scope of Sub-contracting</b>			
<b>ii.</b>	<b>Address of the registered office</b>	<b>Details of Contact Person</b> <b>(Name, Designation, Mobile, Email)</b>		
<b>iii.</b>	<b>Name and Address of the proposed Sub-vendor's works where item is being manufactured</b>	<b>Details of Contact Person:</b> <b>(Name, Designation, Mobile, Email)</b>		
<b>iv.</b>	<b>Annual Production Capacity for proposed item/scope of sub-contracting</b>			
<b>v.</b>	<b>Annual production for last 3 years for proposed item/scope of sub-contracting</b>			
<b>vi.</b>	<b>Details of proposed works</b>			
<b>1.</b>	<b>Year of establishment of present works</b>			
<b>2.</b>	<b>Year of commencement of manufacturing at above works</b>			
<b>3.</b>	<b>Details of change in Works address in past (if any)</b>			
<b>4.</b>	<b>Total Area</b>			
	<b>Covered Area</b>			
<b>5.</b>	<b>Factory Registration Certificate</b>	<b>Details attached at Annexure – F2.1</b>		
<b>6.</b>	<b>Design/ Research &amp; development set-up</b> <b>(No. of manpower, their qualification, machines &amp; tools employed etc.)</b>	<b>Applicable / Not applicable if manufacturing is as per Main Contractor/purchaser design)</b>  <b>Details attached at Annexure – F2.2</b> <b>(if applicable)</b>		
<b>7.</b>	<b>Overall organization Chart with Manpower Details</b> <b>(Design/Manufacturing/Quality etc)</b>	<b>Details attached at Annexure – F2.3</b>		
<b>8.</b>	<b>After sales service set up in India, in case of foreign sub-vendor</b> <b>(Location, Contact Person, Contact details etc.)</b>	<b>Applicable / Not applicable</b>  <b>Details attached at Annexure – F2.4</b>		
<b>9.</b>	<b>Manufacturing process execution plan with flow chart indicating various stages of manufacturing from raw material to finished product including outsourced process, if any</b>	<b>Details attached at Annexure – F2.5</b>		
<b>10.</b>	<b>Sources of Raw Material/Major Bought Out Item</b>	<b>Details attached at Annexure – F2.6</b>		
<b>11.</b>	<b>Quality Control exercised during receipt of raw material/BOI, In-process, Final Testing, packing</b>	<b>Details attached at Annexure – F2.7</b>		



## ANNEXURE-I

### SUB-VENDOR QUESTIONNAIRE

12.	<b>Manufacturing facilities</b> (List of machines, special process facilities, material handling etc.)	<i>Details attached at Annexure – F2.8</i>
13.	<b>Testing facilities</b> (List of testing equipment)	<i>Details attached at Annexure – F2.9</i>
14.	<b>If manufacturing process involves fabrication then-</b>	<i>Applicable / Not applicable</i>
	<b>List of qualified Welders</b>	<i>Details attached at Annexure – F2.10</i>
	<b>List of qualified NDT personnel with area of specialization</b>	<i>(if applicable)</i>
15.	<b>List of out-sourced manufacturing processes with Sub-Vendors' names &amp; addresses</b>	<i>Applicable / Not applicable</i>  <i>Details attached at Annexure. –F2.11</i> <i>(if applicable)</i>
16.	<b>Supply reference list including recent supplies</b>	<i>Details attached at Annexure – F2.12</i> <i>(as per format given below)</i>
<b>Project/ package</b>	<b>Customer Name</b>	<b>Supplied Item (Type/Rating/Model /Capacity/Size etc)</b>
		<b>PO ref no/date</b>
		<b>Supplied Quantity</b>
		<b>Date of Supply</b>
17.	<b>Product satisfactory performance feedback letter/certificates/End User Feedback</b>	<i>Attached at annexure - F2.13</i>
18.	<b>Summary of Type Test Report (Type Test Details, Report No, Agency, Date of testing) for the proposed product (similar or higher rating)</b> <i>Note:- Reports need not to be submitted</i>	<i>Applicable / Not applicable</i>  <i>Details attached at Annexure – F2.14</i> <i>(if applicable)</i>
19.	<b>Statutory / mandatory certification for the proposed product</b>	<i>Applicable / Not applicable</i>  <i>Details attached at Annexure – F2.15</i> <i>(if applicable)</i>
20.	<b>Copy of ISO 9001 certificate (if available)</b>	<i>Attached at Annexure – F2.16</i>
21.	<b>Product technical catalogues for proposed item (if available)</b>	<i>Details attached at Annexure – F2.17</i>
<b>Name:</b>	<b>Desig:</b>	<b>Sign:</b>
		<b>Date:</b>

**Company's Seal/Stamp:-**