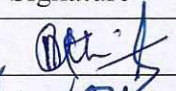
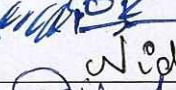

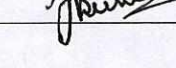

 An ISO 9001:2015 Company	TECHNICAL PRE-QUALIFICATION REQUIREMENTS (PQR) FOR VENDORS	PQR/ISE/BP28187/EOI/2020/65
	INSULATION SYSTEMS ENGINEERING	Rev. No.: 00
	TECHNICAL PRE-QUALIFICATION REQUIREMENTS (PQR) FOR IDENTIFICATION OF VENDORS FOR GLASS POLYESTER/ MIX YARN INSULATION SINTERED RECTANGULAR COPPER CONDUCTORS TO BHEL SPECIFICATION BP28187 THROUGH EOI	Rev. Dt.: 23/11/2020 Sht. 1 of 3 shts.

This insulated copper conductor is used in winding of synchronous motors. This PQR is being issued for identification/ location of additional indigenous vendors for this material.

Qualifying information to be submitted by the vendor

Cl. No	Description	Vendor to comment	
		Complied	Relevant supporting documents to be submitted
1.	Offers of only original Indian manufacturers are acceptable. Traders/ dealers/ agents are not acceptable & their offer will be rejected.	Yes/No	Certificate/ documentary evidence of being original manufacturer of this item
2.	Complete compliance to technical specification BP28187	Yes/No	No deviation is acceptable. Clause by clause acceptance or signed & stamped copy of specification BP28187 to be submitted.
3.	Source of raw material 1. Use of virgin copper from any of the BHEL approved sources only as per Annexure-1 2. Use of other raw materials only of reputed makes.	Yes/No	Make & grade of raw materials to be provided along with documentary proof of source (PO/ invoice etc.)

Distribution:	Date of Rev. 00: 23/11/2020	Name	Signature
CIM MDX QFD AME ISE	Prepared by	Abha Otti	
	Checked by	Bishwanath Oraon/ Nidhi Gupta	
	Approved by	Anirudha Tijare	
	Issued by	Gautam Kumar	
BHEL, BHOPAL			

 <small>An ISO 9001:2015 Company</small>	TECHNICAL PRE-QUALIFICATION REQUIREMENTS (PQR) FOR VENDORS		PQR/ISE/BP28187/EOI/2020/65
	INSULATION SYSTEMS ENGINEERING		Rev. No.: 00
	TECHNICAL PRE-QUALIFICATION REQUIREMENTS (PQR) FOR IDENTIFICATION OF VENDORS FOR GLASS POLYESTER/ MIX YARN INSULATION SINTERED RECTANGULAR COPPER CONDUCTORS TO BHEL SPECIFICATION BP28187 THROUGH EOI		Rev. Dt.: 23/11/2020 Sht. 2 of 3 shts.

Cl. No	Description	Vendor to comment	
		Complied	Relevant supporting documents to be submitted
4.	The firm must have adequate manufacturing facilities at their works/ in-house for manufacturing this material.	Yes/No	1. List of plant & machinery facilities available for manufacturing the said item, at manufacturer's works to be provided. 2. Photographs of manufacturing facility to be submitted.
5.	Testing facilities required to conduct all the tests as per spec. BP28187 be available with the firm. List of outsourced facilities, if any, to be submitted. Outsourced labs/ firms should be Govt / NABL / ISO/ IEC accredited	Yes/No	1.Details of testing facilities available with the firm required for testing of said item along with list of outsourced facilities (if used), to be provided 2.Photographs of testing facility to be submitted
6.	The firm should have supply capacity of approx. 5 tons per annum	Yes/No	Confirmation to be provided
7.	Manufacturing facilities assessment may be carried out by BHEL at supplier's works if required. Vendor to confirm the same.	Yes/No	Confirmation to be provided
8.	Vendor to furnish QAP/ process chart that shall be followed during manufacturing of insulated conductor to BP28187	Yes/No	QAP/ process chart duly filled & signed by authorized signatory

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TECHNICAL PRE-QUALIFICATION REQUIREMENTS (PQR) FOR VENDORS

PQR/ISE/BP28187/EOI/2020/65

INSULATION SYSTEMS ENGINEERING

Rev. No.: 00

TECHNICAL PRE-QUALIFICATION REQUIREMENTS (PQR) FOR IDENTIFICATION OF VENDORS FOR GLASS POLYESTER/ MIX YARN INSULATION SINTERED RECTANGULAR COPPER CONDUCTORS TO BHEL SPECIFICATION BP28187 THROUGH EOI

Rev. Dt.: 23/11/2020

Sht. 3 of 3 shts.

Cl. No	Description	Vendor to comment	
		Complied	Relevant supporting documents to be submitted
9.	<p>In case of technical qualification in the above points, vendor to submit a 10 m long free sample of insulated copper conductor to spec. BP28187 along with TC for testing & evaluation at BHEL. The submitted sample will be tested as per spec. BP28187 and on successful passing the tests, final technical clearance will be given.</p> <p>The size/ cross section (width & depth) of free sample will be informed by BHEL during sample submission.</p>	Yes/No	Confirmation to be provided

Non-Qualifying information to be submitted by the vendor

10.	Year of Establishment	-	Certificate to be submitted
11.	Whether the vendor is registered with BHEL Bhopal or any other unit of BHEL?	Yes/No	If yes, the name of BHEL unit where registered along with vendor code and list of items for which registered to be provided.
12.	Is the company ISO 9001 certified?	Yes/No	If yes, valid ISO 9001 certificate to be submitted
13.	Is the company supplying this/ similar material to other reputed motor/ generator manufacturers	Yes/No	If yes, documentary evidence like PO etc. to be submitted

New Vendors will have to get themselves registered in BHEL as per BHEL's standard vendor assessment & registration procedure (Refer link https://supplier.bhel.in/new_reg1.jsp)

Note:

- Vendors meeting the above qualifying requirements (Cl. No. 1-9) and successful in sample evaluation (as per Clause 9) will be considered for placement of development/ trial orders for small quantities. Based on the performance of supply/ completion/ execution of trial orders, the vendor may be considered for addition in BHEL's list of approved vendors as a permanent vendor.
- BHEL reserves the right to verify the information submitted by the vendor. In case the information submitted is found false or incorrect, the offer will be rejected and suitable action as per extant guidelines will be taken.

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BHEL APPROVED SOURCES

Sl. No	Material	BHEL Approved sources
1.	BHEL approved sources for copper (raw material) to be used for making rectangular copper wire	M/s Hindustan Copper Ltd.
		M/s Hindalco Industries Ltd.
		M/s Vedanta (SESA Sterlite Limited)