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PRICE BID SCHEDULE FOR ENG. E7293409

PI No-340694014

Item-1

(For POWERGRID Bhadla -II, Rajasthan)

SL NO	ITEM	Unit Price on FOR Bhadla- II basis	Quantity	Total Price
1.	600 Ohm Dry Type NGR including i. 1 set of Support Insulators- Porcelain. ii. 1 set Stainless Steel Support Structure iii. Terminal Connector iv. Charges of Tests as mentioned in Technical Annexure.		2 Sets	

Item-2

(For POWERGRID JHATIKARA, DELHI)

SL NO	ITEM	Unit Price on FOR Jhatikara, Delhi basis	Quantity	Total Price
1.	400 Ohm Dry Type NGR including i. 1 set of Support Insulators- Porcelain. ii. 1 set Stainless Steel Support Structure iii. Terminal Connector iv. Charges of Tests as mentioned in Technical Annexure.		2 Sets	

- # Please quote the price, exclusive of GST.
Item to be procured on individual L1 basis.

Seal and Signature of Bidder

2.

Sheet 1 of 2 sheets

SPECIFICATION OF NEUTRAL GROUNDING REACTOR

REV	DATE	ALT CKD	REV	DATE	ALT CKD	REV 00	NAME	SIGN	DATE
						PREP	S. DUTTA		25.11.19
						CKD	A.DAVE		26.11.19
DWI/TCB/TRE/010									

BHARAT HEAVY ELECTRICALS LIMITED, BHOPAL
TRANSFORMER ENGINEERING DEPARTMENT

FORM NO: TRE-2003A

Sheet 2 of 2 sheets

13.	Terminal Connector	3" IPS Al Tube	
14.	Mounting structure	Nonmagnetic material	
15.	The reactor shall be mounted high above ground level to allow free and safe access at ground level for personnel.	support structure height 2.55-meter excluding support insulator	
B	Testing requirement		
	Following routine tests shall be conducted on each NGR – • Measurement of winding resistance • Measurement of impedance at rated continuous current • Measurement of loss • Lightning impulse test • Appearance, construction and dimension check		
C	Other requirements		
1.	The neutral terminals of NGR shall be brought to the ground level by a brass/tinned copper grounding bar. The end of the brass/tinned copper bar shall be brought to the bottom of the tank, at a convenient point, for making bolted connection to Employer's grounding mat.		
D	Drawing requirement with bid		
	OGA Drawing Technical datasheet Rating plate drawing Duly filled, signed & sealed copy of this annexure		
F	Packing - The method of packing shall be such as to protect adequately the equipment with all its components parts against corrosion, dampness, heavy rain, breakage and vibration that might be encountered in transportation, handling & during storage at plant site.		
G	Inspection & Testing		
	• The supplier shall perform all tests as per clause B and inspections necessary to ensure that the material workmanship conform to the appropriate standards and the requirement of this specifications. • The purchaser at all times have reasonable access to the supplier's works to determine or access compliance with the provision of specification. The final tests on NGR shall be witnessed by BHEL or its customer POWERGRID or their authorized inspection agency. After confirmation of order, supplier to submit customer hold point clearance/interim inspection report & get it approved by M/s POWERGRID before commencing the manufacture of NGR. • Certified test reports and oscillogram shall be submitted for evaluation prior to dispatch of the equipment. • Copies of test reports shall be furnished after final approval.		
H	Vendor has to submit valid POWERGRID approval along with the bid. (If available)		
I	Vendor has to submit separate QA plan along with the bid.		

Additional annexure to enquiry E7293409 Dt.-06.01.2020

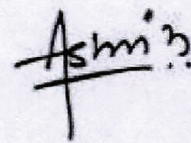
1. For this Procurement, Public Procurement (Preference to Make in India), Order 2017 dated 15.06.2017 & 28.05.2018 and subsequent Orders issued by the respective nodal ministries shall be applicable even if issued after issue of this NIT by but before finalization of contract/PO/WO against this NIT.

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

2. This has reference to Government of India Circular no. P-45021/2/2017-BE-II dt 15.06.2017 for Preference to Make in India and subsequent amendment issued thereon. A self certification complying the condition below may please be submitted on company letter head duly signed by competent authority alongwith Techno commercial offer.

- i. Procedure for preference to make in India shall be applicable in the tender as per Government circular no.P-45021/2/2017-BE-II DTD 15.06.17.

- ii. Minimum Local content shall be 50%. Please furnish details of location where this value addition has been done.



Sr Engineer - MMTCB

FOR ENQUIRY E 7293409

Annexure IX

DECLARATION BY VENDOR

We declare that the following family firms or sister concern affiliates / subsidiary firms are participating in the tender No E.....:

1.0

2.0

3.0

.....

I, hereby declare on behalf of M/s and the family firms or sister concern affiliates / subsidiary firms listed above that we are not indulging in cartel formation for Enquiry No E.....

(.....)

For M/s

(Seal & Sign)

[Handwritten signature]