


**ANNEXURE –D
TECHNICAL PQR**

	YADADRI TPS (5X800 MW)	PE-PQ-417-507-E001
	PRE-QUALIFICATION REQUIREMENTS FOR HT XLPE POWER CABLES	REVISION NO. 00 DATE 27/06/2022
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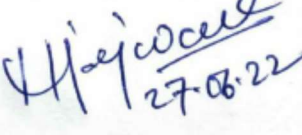

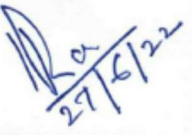
ITEMS: HT XLPE POWER CABLE

SCOPE: Supply: YES; Erection & Commissioning: NO;

1	Vendor should be a manufacturer of HT Cables
2	Availability of test reports on HT XLPE FRLS Power Cables to establish in-house capability to carry out all routine, type & acceptance tests as per relevant IS/International Standards (except UV Radiation & Hydrolytic Stability Test which can be conducted at Govt. lab/Govt. approved Independent lab).
3	Capacity of manufacturing 40km of HT XLPE Power Cables per month
4	Manufactured and supplied at least one (1) km of FRLS cables of any voltage level prior to 17.10.2017.
5	Manufactured & supplied HT XLPE Power Cable sizes of minimum 240sqmm for 3/3.5 core and minimum 630sqmm for single core cable
6a	Manufactured & supplied at least 50km of 6.35/11 KV or higher voltage grade XLPE insulated power cables in one or more orders prior to 17.10.2017.
6b	Manufactured & supplied at least 15km of 11kV/6.6kV/3.3kV XLPE insulated power cables in one single order.
7	Minimum two (2) nos. purchase orders for HT XLPE Power Cables shall be submitted which should not be more than five (5) years old from date of techno-commercial bid opening.

Notes (General points of PQR):

1. Consideration of offer shall be subject to customer's approval of bidder, 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 & capacity of the bidder to perform the contract, should the circumstance warrant such assessment in the overall interest of BHEL.
4. After satisfactory fulfilment of all the above criteria/requirement, offer shall be considered for further evaluation as per NIT and all the other terms of the tender.
5. Bidder to submit test reports as per PQR Clause No. 2 to establish vendor has in-house facility to conduct all tests including Impulse withstand test.
6. PQR 4 & 6a is in line with customer provenness criteria.

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