



1x660 MW BHUSAWAL UNIT-6, TPS

**PRE-QUALIFICATION REQUIREMENTS FOR
LT XLPE POWER CABLES**

PE-PQ-415-507-E002

REVISION NO. 0 DATE: 01.02.2023

SHEET NO. 1 OF 1

ITEMS: LT XLPE Power Cable

SCOPE: Supply : YES; Erection & Commissioning : NO

1	Bidder should be a manufacturer of LT Power cables
2	Availability of test reports of tests on LT 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 10 km of LT power cables per month
4	Manufactured and supplied at least one (1) km of FRLS cables.
5	Manufactured and supplied LT power cable sizes of minimum 630sq.mm. conductor for single core cable.
6	Manufactured and supplied at least 15 km of LT power cables in one or more orders and at least 05 km in one single order.
7	Bidder should have supplied/provided LT XLPE POWER CABLES for at least one thermal power plant of 500 MW or above capacity which has completed one year of commercial operation and the equipment supplied should have completed the contractual guarantee period or should have supplied LT XLPE POWER CABLES of rating/type/size as required under the contract to any power plant.
8	LT XLPE POWER CABLES shall be in successful operation for similar duty condition and similar application for minimum one (1) year as on 06.08.2018.
9	Minimum two (2) nos. purchase orders for LT XLPE Power cables 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):

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 fulfillment 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. PQR 7 & 8 is in line with customer provenness criteria.

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