

	TECHNICAL SPECIFICATION LT SWITCHGEAR 1X800MW NTPC SIPAT STPP STAGE – III	PE-TS-520-506-E002
		Issue No: 00
		Rev. No. 00
		20 June 2026

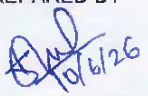
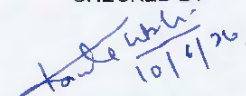
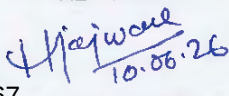
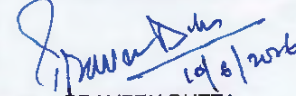
PRE QUALIFICATION REQUIREMENT (TECHNICAL)

	PRE-QUALIFICATION REQUIREMENTS OF LT SWITCHGEAR FOR 1X800MW SIPAT THERMAL POWER PLANT		PE-PQ-520-506-E001
			REVISION NO. 0 DATE 10.06.2026
			SHEET NO. 1 of 2

ITEMS : LT SWITCHGEAR

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

1.0	Vendor should meet the requirement stipulated at sr. no 1.1 or 1.2
1.1	<u>In case vendor is a manufacturer of LT panels and Air Circuit Breakers</u> <u>ROUTE-1</u> a) Bidder should have manufactured and supplied at least a total of four hundred & fifty (450) numbers of draw out type Air Circuit Breaker Panels and / or draw out type Motor Control Centre Panels with fault rating of at least 45kA for one (1) second and 105kA peak under a single order and these panels should have been in successful operation for at least two (2) years. And b) Bidder should have manufactured and supplied at least one hundred & fifty (150) numbers of Air Circuit Breakers having fault rating of at least 45kA rms BREAKING, 105kA peak MAKING and 45kA withstand for one (1) second, and their associated draw out type Air circuit breaker panels having fault rating of at least 45kA for one (1) second and 105kA peak, which should have been in successful operation for at least two (2) years.
1.2	<u>In case vendor is a manufacturer of LT panels and have collaboration for Air Circuit breaker</u> <u>ROUTE-2</u> a) Bidder should have manufactured and supplied at least a total of two hundred & twenty-five (225) numbers of draw out type Air Circuit Breaker Panels and / or draw out type Motor Control Centre Panels with fault rating of at least 45kA for one (1) second and 105kA peak under a single order and these panels should have been in successful operation for at least two (2) years. And b) Bidder should have manufactured and supplied at least seventy-five (75) numbers of draw out type Air Circuit Breaker panels having fault rating of at least 45kA for one (1) second and 105kA peak, which should have been in successful operation for at least two (2) years. And c) Bidder shall be considered qualified provided its Associate or Collaborator or Technology Provider or Licensor meets the requirement stipulated in Route-1 for sourcing of Air Circuit Breakers. The Associate or Collaborator or Technology Provider or Licensor shall provide a letter of technical support for successful performance of the Air Circuit Breakers, as per the format, given in the bidding document. This letter of technical support should be submitted at the time of placement of order on the bidder.

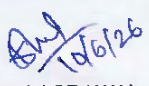
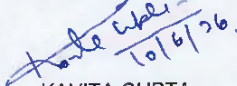
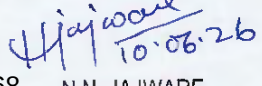
PREPARED BY  KHUSHBU AGRAWAL Sr. MANAGER	CHECKED BY  KAVITA GUPTA DGM	REVIEWED BY  N.N. JAJWARE DGM(SH-E01)	APPROVED BY  PRAVEEN DUTTA AGM(DH-ELECTRICIAN)
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	PRE-QUALIFICATION REQUIREMENTS OF LT SWITCHGEAR FOR 1X800MW SIPAT THERMAL POWER PLANT		PE-PQ-520-506-E001
			REVISION NO. 0 DATE 10.06.2026
			SHEET NO. 2 of 2

2.0	Bidder should have established manufacturing facility for draw out type Air Circuit Breaker Panels and draw out type Motor Control Centre Panels in India. Further, all the panels for this project shall be manufactured and supplied from the Indian manufacturing facility.
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NOTES:

- Each Single Front Panel shall be counted as one (1) Panel, Double Front Panel as one (1) Panel and Air Circuit Breaker Panel as one (1) Panel.
- For the purpose of qualification of Bidders, experience shall be reckoned as on bid opening date.
- The above PQR points are as per customer specific requirements.
- Consideration of vendor's offer is subject to BHEL/ BHEL Customer's approval.
- Vendor to submit all supporting documents in English. If documents submitted by vendor are in language other than English, a self-attested English translated document should also be submitted.
- Notwithstanding anything stated above, BHEL reserves the right to assess the capabilities and capacity of the vendor/collaborators to perform the contract, should the circumstances warrant such assessment in the overall interest of BHEL.
- 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.
- 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 F2.17 along with the filled response in the Annexure-I.

PREPARED BY  KHUSHBU AGRAWAL Sr. MANAGER	CHECKED BY  KAVITA GUPTA DGM	REVIEWED BY  N.N. JAJWARE DGM(SH-E01)	APPROVED BY  PRAVEEN DUTTA AGM(DH-ELECTRICAL)
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