

ANNEXURE-1B, REV-00 TO PI 240992397

Qualifying Requirements:

<u>Details</u>	<u>Compliance</u>
1 The vendor shall confirm that all offered relays are type tested as per the latest edition of relevant National / International Standards.	Complied / Not complied
2 Type test reports shall be as per latest applicable Clause of national and international standard along with KEMA Certified IEC 61850 compliance reports including GOOSE Messaging shall be furnished. Type test reports shall not be more than 5 years old. Any discrepancy or inadequacy found in any of the type test reports & IEC 61850 compliance reports shall be resolved by supplier with customer by way of re-test without any binding on BHEL and free of cost.	Complied / Not complied
3 Only proven relays for two years at two different sites shall be included in the offer which are in successful operation after the type tests have been carried out for application in large generator (500MW and above) protections and for EHV switchyard (220KV and above).	Complied / Not complied
4 The supplier shall furnish Relay Setting Calculations, testing and commissioning protocol in the event of order.	Complied / Not complied
5 The supplier shall carry out FAT at BHEL Bhopal works during inspection at BHEL Bhopal works, free of cost without any ceiling on number of visits and number of mandays per visit. This support will be required separately during inspection of each Generator Protection Panels. The support shall be provided to the satisfaction of customer. Relay test kit type Omicron CMC356 or Megger MPRT8430 or F6150 of Doble will be made available at our works. Non-compliance to this clause in any form will lead to the rejection of the offer.	Complied / Not complied
6 The supplier shall do commissioning of all numerical relays at site to the satisfaction of customer, The commissioning shall include programming, testing, establishment of time synchronisation and communication of all numerical relays with HMI PC and Plant DCS and demonstration of all functions of numerical relays. This service will be required on separate occasions during commissioning and synchronisation of each Generator and each Switchyard bay. Non-compliance to this clause in any form will lead to the rejection of the offer. Maximum time allowed for deputation of engineer to the site can not exceed 1 week after request from BHEL.	Complied / Not complied
The site is in this case is 4*111 MW Vishnugad Pipalkoti HEP of M/s THDCIL.	
7 All items shall be guaranteed by the vendor for successful operation for a period of 48 months from the date of receipt of complete lot of all Items at BHEL Bhopal or 18 months from commissioning whichever is later.	Complied / Not complied

ANNEXURE-1B, REV-00 TO PI 240992397

Qualifying Requirements:

<u>Details</u>	<u>Compliance</u>
8 The offer shall be submitted in 2 bids. The bidder's technical representative shall visit BHEL Bhopal for technical discussions and on the spot finalisation of technical issues, if needed, within a week after technical bid opening. Exact date will be confirmed to vendor by BHEL.	Complied / Not complied
9 The Relays shall meet the General Technical Specification Requirements covered in Annexure-1A to PI 240992397 enclosed.	Complied / Not complied
10 Refer Annexure-1 to PI 240992397 for detailed technical specification of all items covered in this enquiry.	Complied / Not complied
11 Point wise compliance to each clause of the specification in Annexure-1, Annexure-1A and Annexure-1B shall be furnished failing which the offer may not be considered.	Complied / Not complied