



A4 - 10

PRE-QUALIFICATIONS REQUIREMENT

TW/410/01

REV. NO. 00

PAGE 01 OF 4

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PRE-QUALIFICATIONS REQUIREMENT FOR PURCHASE OF FIELDBUS (PROFIBUS) SYSTEM COMPONENTS For FGD PROJECT

PROJECT : FGD PROJECT
CUSTOMER : M/s NTPC

CHECKED BY

S B BANIK

APPROVED BY

VIDYA S

PREPARED

HIMANSHU KRISHNA

MUKESH KUMAR

ISSUED

410

ENGG

DATE

07/07/2020



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TW/410/01

REV. NO. 00

PAGE 02 OF 4

A4 - 10

REVISION HISTORY SHEET

REV NO.	DATE	NATURE OF CHANGE	REASON	PREPARED BY	CHKD BY	APPROVED BY
00	07/07/2020	FIRST ISSUE	-----	MK /HK	SBB	VS

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4		 A4 – 10	PRE-QUALIFICATIONS REQUIREMENT	TW/410/01 REV. NO. 00 PAGE 03 OF 04
COPY RIGHT AND CONFIDENTIAL THE INFORMATION ON THIS DOCUMENT IS THE PROPERTY OF BHARAT HEAVY ELECTRICALS LIMITED. IT MUST NOT BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO THE INTEREST OF THE COMPANY.			Pre-Qualification Requirements (PQR) of Bidders for FIELDBUS (PROFIBUS) BASED COMMUNICATION COMPONENTS as a part of offer as per PURCHASE SPECIFICATION PS4102057 - The bidder should have designed, manufactured, supplied FIELDBUS (PROFIBUS) BASED COMMUNICATION COMPONENTS for either any power plant or any process industry satisfying the IEC61158 standard for Profibus communication. - The FIELDBUS (PROFIBUS) BASED COMMUNICATION COMPONENTS should have formed part of any process control loop of power plant/process industry. - Further the components being offered should have been in successful operation for at least one year prior to the date of opening of techno-commercial bid. - Vendor shall submit the proven Performance Track Record (PTR) for the model offered by them and also submit satisfactory performance certificates for at least one year as on date of opening of bid from minimum one end user of a power plant or any process industry. - Submit duly-filled Source Request Form (SRF), which shall be downloaded by Bidder from our website "www.bhel.com". Complete credentials of the company shall be submitted along with the SRF form. This is not applicable for Vendors who are already registered with BHEL Electronics Division, Bangalore. - Along with the documents related to PQR above, following details shall also be submitted included in the Offer : - Technical literature / Manuals of offered system - Unpriced Purchase Order copies - Reports of successful commissioned systems of the offered components & Minutes of the meetings with the end user. - Vendor should necessarily have Indian branch office or Indian representative for support of Erection & Commissioning and after sales service, with Organization chart. Name & registered address of the details of Manufacturing, testing & inspection facility. - Bidder shall have facility in India for Engineering activities, preparation of Documents, Servicing of offered system, Stocking of Spares..etc.. Submit these details. - Bidder shall submit following Type Test Report not more than five year old for Solid state/ Electronic Cards of offered components . If the type test certificates are not available during bidding, the bidder to confirm submitting the same within 30 days from the date of Technical Bid opening or before supply of the components. If the certificate is not furnished within the above period ,BHEL shall treat the offer as Technically not acceptable and the offer shall be rejected. - Surge withstanding capacity (SWC) as per ANSI 37.90.1/IEEE-472/Suitable class of EN 61000-4-12 which is equivalent to ANSI 37.90.1/IEEE-472. - Dry Heat test as per IEC-68-2-2 or equivalent. - Damp Heat test as per IEC-68-2-3 or equivalent. - Vibration test as per IEC-68-2-6 or equivalent.	

		बि एच ई एल A4 – 10	PRE-QUALIFICATIONS REQUIREMENT	TW/410/01
				REV. NO. 00
				PAGE 04 OF 04
COPY RIGHT AND CONFIDENTIAL THE INFORMATION ON THIS DOCUMENT IS THE PROPERTY OF BHARAT HEAVY ELECTRICALS LIMITED. IT MUST NOT BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO THE INTEREST OF THE COMPANY.		V. Electrostatic discharge tests as per EN 61000-4-2 or equivalent. VI. Radio frequency immunity test as per EN 61000-4-6 or equivalent. VII. Electromagnetic Field immunity as per EN 61000-4-3 or equivalent. Important note: In case Bidder does not submit details mentioned in above clauses or meet the requirements of Pre-qualification requirements, Offers will be summarily rejected and bidder’s technical offers/proposals will not be evaluated. Please read carefully the General instructions.		