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SECTION-B

DC-FF-676-410-006

REV. NO. 00

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GENERAL INSTRUCTION TO BIDDERS

FOR

PURCHASE SPECIFICATION PS4102024 Rev-01

24 V DC to DC CONVERTER

APPROVED BY:

VIDYA S

PREPARED

S B BANIK

ISSUED

ENGG

DATE

25.11.2020



PURCHASE SPECIFICATION PS4102024 : Rev-01 24 V DC to DC CONVERTER

GENERAL INSTRUCTIONS TO BIDDERS

1.0 All required documents against this tender / specification shall be submitted in English only.

2.0 **Introduction:** Bidders are required to offer 24V-10A DC to DC CONVERTER.

3.0 In order to accept the Technical offers / proposals from Bidders for the item mentioned in this Specification certain Pre-qualification criteria are required to be met by Bidder.

4.0 Pre-qualification requirements (PQR) are clearly mentioned in the specification. Bidder to read the same carefully and submit the details required for BHEL's acceptance.

5.0 In case Bidder does not include the details or meet the requirements of Pre-qualification requirements, their offer will be summarily Rejected and Bidder's Technical offers will not be evaluated.

6.0 **Evaluation methodology:** BHEL shall initially open Bidder's PQR documents only as per the specification for review & acceptance. Only after acceptance of PQR documents, BHEL shall open Bidder's Technical offers for evaluation.

7.0 Bidders are required to submit offers in three parts as detailed below:

Part-I (PQR documents)

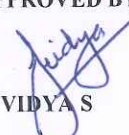
Documents pertaining to Pre-Qualification requirements in line with the specification.

Part-II (Technical bid)

Technical bid shall be submitted in line with the Technical specs PS4102024 Rev no.01

Part-III(Commercial/Price bid)

8.0 Whenever required during evaluation of PQR and Technical offers/bids, vendor is required to be present at BHEL Electronic Division, Bangalore, for discussions.

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	<i>PRE-QUALIFICATIONS REQUIREMENT</i> <i>FOR</i> <i>PURCHASE SPECIFICATION PS4102024 Rev-01</i> <i>24 V DC to DC CONVERTER</i>							
	APPROVED BY:  VIDYA S		<table border="1" style="width: 100%;"> <tr> <td style="width: 33%;">PREPARED</td> <td style="width: 33%;">ISSUED</td> <td style="width: 33%;">DATE</td> </tr> <tr> <td>  S B BANIK </td> <td>ENG</td> <td>25.11.2020</td> </tr> </table>	PREPARED	ISSUED	DATE	 S B BANIK	ENG
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**PRE QUALIFICATION REQUIREMENT (PQR) FOR PURCHASE SPECIFICATION PS4102024
Rev 01 24 V DC to DC CONVERTER**

Pre-Qualification Requirements (PQR) of Bidders for 24 V DC to DC CONVERTER as a part of Offer :

1.0 The bidder should have supplied quoted model of **24 V DC to DC CONVERTER** unit to any DCS vendor catering to control system for any power plant or process industry . The bidder to submit unpriced PO copies as a proof. The PO copy date should not be older than two year from the date of opening of bid.

2.0 Along with the documents related to PQR above, following details shall also be included in the Offer :

- a. Technical literature / Manuals of offered converter.
- b. Unpriced Purchase Order copies
- c. Reports of successful commissioning of the converter

3.0 Name & registered address of the Indian branch office or Indian representative for support of services after sales with Organization chart.

4.0 Details of Manufacturing, testing & inspection facility.

5.0 Bidder shall have facility in India for servicing of offered converter, Stocking of Spares..etc.. Submit these details.

6.0 Bidder shall submit following Type test certificates along with **two sample pieces** of the quoted model.

- i. Electrostatic Discharge Immunity • EN61000-4-2
- ii. Electromagnetic Field Immunity • EN61000-4-3
- iii. Radio Frequency Immunity • EN61000-4-6
- iv. Surge Withstand Capability • EN61000-4-12 equivalent to ANSI 37.90.1/IEEE-472
- v. Dry Heat • IEC-68-2-2 or equivalent
- vi. Damp Heat • IEC-68-2-3 or equivalent
- vii. Vibration Test • IEC-68-2-6 or equivalent
- viii. CE/UL certification

7.0 If Bidder is not Original Equipment Manufacturer (OEM), than Bidder to include authorisation letter from OEM for supply and servicing of the offered System. This authorisation letter provided by OEM to Bidder shall indicate the Type and Duration of the agreement.

8.0 Sample models provided by the bidder will be evaluated by BHEL as per technical spec no: PS4102024 Rev01.

9.0 In case the Bidder is not able to produce above type test reports in clause no 6.0 at the time of offering, the vendor need to confirm that the type test report shall be submitted within one month after the placement of order before supply of the items.

10.0 Bidder shall submit certificate for minimum 20% local content (value added in India) for the offered item along with the offer.

11.0 Important note : In case Bidder does not submit details mentioned in the above clauses to 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.