Project Engineering Management

Bharat Heavy Electricals Limited
(A Govt. Of India Undertaking)

2X660 MW SURATGARH STPS, STAGE-V / MISC PUMPS (VERTICAL)

Ref No. : PE/PG/SG5/E-4264/13 **Date: 20.12.2013**

CORRIGENDA / ADDENDA-1

Tender Enquiry no.: PE/PG/SG5/E-4264/13
Date: 16.12.2013

DUE DATE
07-Jan-14
BY 02.00 PM

Technical PQR for the subject tender has been attached herewith. Bidders are requested to quote for the subject tender accordingly.

With Regards,
For & on behalf of BHEL

20.12.13

Rohit Juneja
ENGINEER/PG-II-1

Please reply to:
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BHEL PEM – MECHANICAL SYSTEMS ENGINEERING
PRE – QUALIFYING REQUIREMENTS (PQR) FOR
MISC. PUMPS-VERTICAL.
SURATGARH 2x660 MW STPS

Package: **MISCELLENEOUS PUMPS - VERTICAL**

1(a). The bidder should have designed, manufactured, tested, inspected & supplied the Vertical Centrifugal Pumps for water applications with flow equal to or more than 2000 m^3/hr on regular basis. The bidder should have testing and inspection facility at their works.

1(b). The Pump/Pump Model, to be considered for PQR assessment of Bidder should have been designed & manufactured in line with 'Design & Performance Standards' as 'HIS or equivalent/ superior' and 'Pump Type' as 'Vertical turbine type or equivalent'.

2. The Bidders (who are not registered vendors of BHEL-PEM for this package) shall furnish following documents along with technical offer for assessment of Bidder with reference to PQR indicated at Sl. No. 1.) above:

   a. Bidder's Experience List in the enclosed format-Annexure-1. Same shall be considered for PQR assessment in line with subsequent sub paras of current point 2).

   b. In support of point 2.)a.), any one from i) or ii) below:

      i. Satisfactory Performance feedback certificates from End User (in English) for at least TWO (from different customers) successfully executed contracts which have been successfully in use for at least two years since contract execution, indicating salient features like date of contract execution/commissioning of equipment, duty parameters (pump flow, TDH etc.), pump model, project name etc., date of issue of certificate and name/designation of the certificate issuer.

      OR

      ii. Satisfactory Performance feedback certificates from End User (in English) for at least ONE successfully executed contract which have been successfully in use for at least two years since contract execution, indicating salient features like date of contract execution/commissioning of equipment, duty parameters (pump flow, TDH etc.), pump model, project name etc., date of issue of certificate and name/designation of the certificate issuer.

      (AND)

      The bidder has been awarded repeat contracts for pumps from minimum ONE Customer (other than the one for which the bidder has furnished the performance feedback above) for same industry/ application. Repeat contract shall be considered when the second contract is given by the same customer after lapse of minimum 2 years from execution of first contract. Supporting documents for execution of the contract viz. dispatch details, MDCC, Inspection report etc .along with the PO Copy, if bidder intends to submit the documents for Repeat Contracts.

   c. Two sets of approved GA Drawings & Technical Data Sheets of executed projects in accordance with point 2.)b.) above.

   d. Pump model details being considered for meeting PQR, in the enclosed format- Annexure-2.

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3. The Bidders, who are already registered with BHEL PEM with any technical limit and if the technical limit disqualifies the bidder in meeting the specification requirements, bidder shall submit the documents listed at point 2) above, for review of technical limit alone to make the bidder technically qualified for this tender enquiry.

4. The Bidders, who are already registered with BHEL PEM without any technical limit, need not submit documents for PQR assessment. Such bidders shall be considered as fulfilling PQR of this tender enquiry.

EXPERIENCE LIST

ANNEXURE - 1

PROJECT NAME	CUSTOMER	PUMP PARAMETERS		PUMP MODEL	NO. OF PUMPS	TYPE OF FLUID	DESIGN AND PERFORMANCE TESTING STANDARD	TYPE OF PUMP	YEAR OF SUPPLY	PERFORMANE FEEDBACK CERTIFICATE DATE (IF ENCLOSED)
		FLOW	TDH							
		(Cu M/Hr.)	(MWC)							

PUMP MODEL DETAILS

					ANNEXURE - 2	
PUMP MODEL	**BEP**		**MAXIMUM**		**MINIMUM**	
	FLOW	**TDH**	**FLOW**	**TDH**	**FLOW**	**TDH**
	(Cu M/Hr.)	**(MWC)**	**(Cu M/Hr.)**	**(MWC)**	**(Cu M/Hr.)**	**(MWC)**

BEP : Best Efficiency Point for Pump Model

TDH : Total Dynamic Head for particular flow condition