



BHARAT HEAVY ELECTRICALS LIMITED/PEM-NOIDA

Corrigendum-1

PROJECT: 4X270 MW BHADRADRI TPS
PACKAGE: SEWAGE TREATMENT PLANT
ENQUIRY NO: E-5626/2017 Dtd. 31.05.2017

Date: 17.06.2017

Dear all,

Please go through the BHEL reply in response of query raised by vendors and same are attached with this letter.

1. Bidders (who had already submitted their offer) are requested to review their offer once again and should incorporate all the necessary amendments updated over website till date. It should be complete in all respect.
2. Please ensure submission of offer on or before due date (22/06/17)


GURU DAS
DY.MGR/BOP-Ordering

BHARAT HEAVY ELECTRICALS LIMITED/PEM-NOIDA



TITLE:

4 X 270 MW BHADRADRI TPS

SPECIFICATION NO. PE-TS-411-673-A001

TECHNICAL SPECIFICATION FOR
SEWAGE TREATMENT PLANT

REV. NO. 00

DATE : 29/05/2017

PRE BID CLARIFICATION RAISED BY BIDDER

VOLUME	SECTION	CLAUSE NO.	PAGE NO.	SPECIFICATION REQUIREMENT	CLARIFICATION	REASONS FOR CLARIFICATION	BHEL REPLY
VOLUME IIB	SECTION IA / Datasheet A	12.1	231 of 502	Sewage transfer piping CI	Minimum available size is 80 NB while as per flow requirement, it shall be 40 NB.	--	Capacity of each submersible sewage pumps indicated in P & ID for Sewage sump S1, S2, S3, S4, S5, S6, S7, S8, S9 and S10 shall be 20 m ³ /hr in place of 3 m ³ /hr. In view, select the line size of CI pipe accordingly. In addition, capacity of common sewage collection sump pump to be selected by bidder as per process and system requirement meeting minimum specification requirement.
VOLUME IIB	SECTION IA / Annexure VI	--	126 and 127 of 502	Lot	Clarification about quantity in LOT	--	Bidder to refer notes indicated at page no. 130 of 502 for Lot meaning.

Each Bidder to submit signed and stamped copy of above pre bid clarifications in their techno commercial offer.

GURU DAS - BOP_Ordering

From: GURU DAS - BOP_Ordering
Sent: 15 June 2017 15:43
To: [REDACTED]
Cc: ANUJ KUMAR - DH(BOP_Ordering)
Subject: FW: Queries for Tender Enquiry of Sewage Treatment Plant.

Please find our reply for your pre-bid query.

From: AK SHASTRI - MAUX
Sent: 15 June 2017 12:27 PM
To: GURU DAS - BOP_Ordering
Cc: ANUJ KUMAR - DH(BOP_Ordering); JITENDRA PAL - MAUX
Subject: RE: Queries for Tender Enquiry of Sewage Treatment Plant.

Please refer BHEL replies to mail below:

1. Data Sheet C has to be filled at the time of Bid Submission or after awarding of Tender. BHEL reply: Not required during bidding stage
2. Load Data Sheet has to be filled at the time of Bid Submission or after awarding of Tender. BHEL reply: Not required during bidding stage
3. Cable Schedule Format has to be filled at the time of Bid Submission or after awarding of Tender. BHEL reply: Not required during bidding stage
4. PLC Data Sheet has to be filled at the time of Bid Submission or after awarding of Tender. BHEL reply: Not required during bidding stage
5. FACTORY ACCEPTANCE TEST (FAT) PROCEDURE has to be filled at the time of Bid Submission or after awarding of Tender. BHEL reply: Not required during bidding stage
6. Actuator Data Sheet has to be filled at the time of Bid Submission or after awarding of Tender. BHEL reply: Not required during bidding stage
7. Data Sheet for Local Panels has to be filled at the time of Bid Submission or after awarding of Tender. BHEL reply: Not required during bidding stage

REGARDS,
AKHILESH KUMAR SHASTRI
DY. MANAGER - MAUX
BHEL PEM NOIDA
PH. 01204368690

Schedule For Pre-Bid Clarifications						
Volume	Section	Clause No.	Page No.	Specification Requirement	Clarification	Reasons For Clarifications
II-B	SPECIFICATION NO: PE-TS-408-164-A001 R0 , SUBSECTION IC	No. 8	261 of 502	One No. of RIO Panel to be Provided with Fibre Optic Cable for connecting the RIO with the PLC	As per the specification, RIO Panel is 1 No Quantity. BHEL to clarify whether we should consider 1 RIO Panel for each sump or in common we should consider 1 No. RIO Panel. Also BHEL to confirm the Location of the RIO Panel . If RIO Panel is to be Considered in common, BHEL to clarify the need for 4Km Optical Fibre Cable & provide the control philosophy on how to communicate/control the pumps in different locations with a single common RIO Panel	To reduce impact on instrument cabling/ pricing BHEL REPLY: Tender specification is clear. Please follow the same.
II-B	SPECIFICATION NO: PE-TS-408-164-A001 R0 , ANNEXURE-VI	No. 6	(127 & 128) of 502	In the list of spares provided, minimum requirement for fuction controller and module is 10% or 4 Nos. whichever is higher	In actual we consider redundant CPU, BHEL to clarify whether bidder needs to consider spare for CPU or not	To reduce impact on pricing BHEL REPLY: Tender specification is clear. Please follow the same.
II-B	SPECIFICATION NO: PE-TS-408-164-A001 R0 , ANNEXURE-VI	No. 6	(127 & 128) of 502	In the list of spares provided, minimum requirement for fuction controller and module is 10% or 4 Nos. whichever is higher	For I/O Module Bidder understands to consider 4 Input & 4 Output modules as spares. This is on a higher end & BHEL to clarify the same	To reduce impact on pricing BHEL REPLY: Tender specification is clear. Please follow the same.
II-B	SPECIFICATION NO: PE-TS-408-164-A001 R0 , ANNEXURE-VI	NA	228 of 502	Plot Plan provided by BHEL is available	This is not clear even on zooming upto 400%. BHEL to provide the Layout of the treatment system	To arrive at the instrument cabling distances & enable better understanding of system spacing between the various sumps & the treatment area. Bidder to refer scope of cable as per electrical scope between BHEL vendor included in tender specification sub section IIB (Electrical portion).