

Ref No. : PE/PG/UNC/E-4545/14/CORRIGENDA/01

Date : 20.09.2014

CORRIGENDA / ADDENDUM-01

1X500 MW FG UNCHAHAR TPP, STGAE-IV
OPEN (GLOBAL) TENDER ENQUIRY FOR BUTTERFLY VALVES (STEAM SERVICE)
ENQUIRY No : PE/PG/UNC/E-4545/14, Dtd. 03.09.2014

1. All the bidders are requested to find the Data Sheet given below for the subject enquiry.
You are requested to refer this Data Sheet also during preparation of offer and submit your offer considering this data sheet.
2. It has been also decided at BHEL PEM to extend the due date for submission of offer up to **29.09.2014 (10.00 A.M. IST)** and bid opening up to **29.09.2014 (11.00 A.M. IST)**


Kindly submit your offer on or before the due date.

Deepak
20/09/14
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	DOCUMENT TITLE	DOCUMENT NUMBER
	DATA SHEET FOR B.F.P TURBINE EXHAUST BUTTERFLY VALVES	PE-DC-401-100-N306
	1X500MW FGUTPP, UNCHAHR STAGE-IV	REVISION 00 NUMBER SHEET 1 OF 2

TECHNICAL REQUIREMENTS

- | | | | | |
|-----|------------------------------------|---|---|---------------------------------------|
| 1. | Tag no. | : | EXV-25 & EXV-26 | |
| 2. | Quantity | : | One each (Total 2 nos.) | |
| 3. | Type | : | Resilient seal. | |
| 4. | Service | : | Butterfly valves shall be located in the exhaust ducts of the auxiliary drive turbines of the boiler feed pumps to isolate the aux. drive turbine from the surface condenser. | |
| 5. | Size (Nominal) mm | : | 1600 | |
| 6. | Flow medium | : | Wet Steam, 2-7% moisture | |
| 7. | Flow Velocity (Design) | : | 100 m/sec.. | |
| 8. | Operating parameters | : | At normal condition | At maximum condition |
| | | | (Ref. HBD no.:
PE-DC-284-100-N156) | (Ref. HBD no.:
PE-DC-284-100-N249) |
| 8.1 | Pressure (kg/cm ² (a)) | : | 0.1064 | 0.106 |
| 8.2 | Flow (T/hr) | : | 32.8 | 35.62 |
| 8.3 | Dryness fraction | : | 0.95 | 0.946 |

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TECHNICAL DATA

1. Pressure : Full vacuum and 2 kg/cm² (g)
2. Valve design rating : #75B (Min) of AWWA C-504/10
3. Design temp. : 100 Deg. C
4. End Connections : Butt welded
5. Connecting pipe size and material : OD1626 X 12 thk.
SA672 Gr. B70
6. Valve operation type : Motor operated
7. Shaft Axis orientation : Horizontal
8. Pipe line axis orientation : Horizontal
9. Operation : Full open & full close
10. Design pressure drop at max. flow. : 0.0002 kg/cm² (max.)