

Project Engineering
Management

Bharat Heavy Electricals Limited

(A Govt. Of India Undertaking)



Ref. No. PE/PG/MEIL/E-5526/2016/01

Enquiry No.: PE/PG/MEIL/E-5526/2016 dated 20.03.2017

Date: 12.04.2017

1X525 MW MEIL TUTICORIN BTG PROJECT

BUTTERFLY VALVE (STEAM SERVICE)

CORRIGENDA/ADDENDA-1

Dear Sirs,

The last date of submission of tender for BUTTERFLY VALVE (STEAM SERVICE) invited vide enquiry no. PE/PG/MEIL/E-5526/2016 dated 20.03.2017 is extended up to 28.04.2017 (02:00 PM). The techno-commercial offer shall be opened on 28.04.2017 (03:00 PM).

Price format has also been revised for **foreign bidders only**. Revised price format are appended below. Kindly submit your offer in revised price format.

Thanking you,
Yours faithfully,
For and on behalf of BHEL

Netrapal
12/04/17

NETRAPAL SINGH
(SR ENGINEER/Project Group-II-1)

NETRAPAL SINGH
SR ENGINEER/PG-II-1,
BHEL/PS-PEM
POWER PROJECT ENGINEERING INSTITUTE,
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REVISED PRICE FORMAT OF BUTTER FLY VALVES (STEAM SERVICE) INCLUDING COMMISSIONING SPARES FOR 1x525MW MEIL TUTICORIN BTG
ENQUIRY NO-PE/PG/MEIL/E-5526/2016 Dated: 20.03.2017

1	2	3	4	5	6		7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
SL NO.	TAG NOS.	TYPE OF VALVE	SIZE mm (NB)	OPERATION	DESIGN		SERVICE	RATING, DESIGN & TESTING CODE	BODY & DISC MATERIAL	END CONN	SPECIAL FEATURES	MATCHING PIPE		MAIN VALVES QTY WITHOUT COMMISSIONING SPARES NOS.	Unit Ex-works price (duly packed) (Rs.)	Total Ex-works price (duly packed) (Rs.)	Excise Duty including Cess @.....% for self manufactured items only (Rs.)	Central Sales Tax @% against form C/ VAT@..... (Rs.)	Freight charges including service tax @.....% of Ex-works Price. (Rs.)	TOTAL F.O.R. SITE PRICE (Rs.)	Unit C & F cost (Currency)	Total C & F cost (Currency)
					PRESSURE KG/CM2(G)	TEMP (DEG C)						OD (MM)	THK(MM)									
1	EXV-27, EXV-28 (1 EACH)	BFV	1600	MO	Full vacuum and 2 kg/sq.cm	100	BFP DRIVE TURBINE EXHAUST LINE	CL75B (MINIMUM) OF AWWA C504-2010	CCS (ASTM A216 GR. WCB)	BW AS PER ASME B16.25	SG, MO, OT = 50 ~ 70 SEC. SHAFT AXIS ORIENTATION HORIZONTAL/ VERTICAL SUITABLE FOR BOTH DIRECTIONS; ELECTRIC ACTUATOR WITH INTEGRAL STARTER	1626	12	2								
2	TOTAL PRICE OF COMMISSIONING SPARES AS PER ANNEXURE-A										TOTAL PRICE OF BUTTER FLY VALVES INCLUDING COMMISSIONING SPARES (1+2)											

ABBREVIATIONS:-

- BW- BUTT WELDED, CCS - CAST CARBON STEEL, SG - SEALED GLAND, MO - MOTORISED ELECTRIC ACTUATOR, OT - OPENING/CLOSING TIME OF VALVE WITH ELECTRIC ACTUATOR OPERATION, IBR - INDIAN BOILER REGULATION
1. Valve POD, Gear box POD & Actuator POD test, if already carried out by bidder for similar model/ type/ size/ rating for any BHEL/TPC/REPUTED CUSTOMER project within the last 5 years from the date of bid opening of this project, i.e. 24/02/2016, shall be considered applicable for this project, if found satisfactory by BHEL/ CUSTOMER.
2. Valve POD, Gear box POD & Actuator POD test, if required, as per technical specification & AWWA C504, then the charges for the same shall deemed to be included in the unit quoted prices of main valves. Bidder shall not indicate these charges as a separate head in the price bids.
3. Main valve prices shall BE EXCLUSIVE of cost of Commissioning Spares prices.
4. Bidder is required to quote unit price of each item under commissioning spares separately & individually i.e. prices of all commissioning spares shall not be clubbed/ included in the unit price of Main valves.
5. Commissioning spares --> One set each of Bottom/ Cover Gasket with O' Rings & Seals, Gland Packing with O' rings & seals in Gland packing area, actuator O' rings and seal and disc seal as applicable.

Noted
12/04/17

Signature of the bidder with name, designation, date and company's seal

REVISED PRICE FORMAT OF COMMISSIONING SPARES OF BUTTER FLY VALVES (STEAM SERVICE) FOR 1x525MW WEIL TUTICORIN BTG
ENQUIRY NO.-PEPG/MEIL/E-5526/2016 Dated: 20.03.2017

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30					
SL NO.	TAG NOS.	TYPE OF VALVE	SIZE mm (NB)	OPERATION	DESIGN	SERVICE	RATING, DESIGN & TESTING CODE	BODY & DISC MATERIAL	END CONN	SPECIAL FEATURES	OD (MM)	THK(MM)	COMMISSIONING SPARES				FOR INDIAN BIDDERS								FOR FOREIGN BIDDERS									
													Gland Packing (Valves) (Sets)	Bottom Gasket (Valves) (Sets)	O' Ring and Seals for Electric Actuators (Sets)	Disc Seal (Sets)	Unit ex-works price of Gland Packing (Valves) (Rs.)	Unit ex-works price of Bottom Gasket (Valves) (Rs.)	Unit ex-works price of O' RING AND SEALS FOR ELECTRIC ACTUATORS (Rs.)	Unit ex-works price of DISC SEAL (Rs.)	Unit Ex-works price (duly packed) (Rs.)	Total Ex-works price (duly packed) (Rs.)	Excise Duty including Cess @.....% for self manufactured items only (Rs.)	Central Sales Tax @.....% against form C / VAT@..... (Rs.)	Freight charges including service tax @.....% of Ex-works Price. (Rs.)	TOTAL F.O.R. SITE PRICE (Rs.)	Unit C & F cost of GLAND PACKING (VALVES)	Unit C & F cost of BOTTOM GASKET (VALVES)	Unit C & F cost of O' RING AND SEALS FOR ELECTRIC ACTUATORS	Unit C & F cost of DISC SEAL	Total C & F cost (Currency)			
1	EXV-27, EXV-28 (1 EACH)	BFV	1600	MO	Full vacuum and 2 kg/sq.cm	BFP DRIVE TURBINE EXHAUST LINE	CL75B (MINIMUM) OF ANWA C504-2010	CCS (ASTM A216 GR. WCB)	BWAS PER ASME B16.25	SG, MO, OT = 50 ~ 70 SEC. SHAFT AXIS ORIENTATION HORIZONTAL/VERTICAL SUITABLE FOR BOTH DIRECTIONS; ELECTRIC ACTUATOR WITH INTEGRAL STARTER.	1626	12	2	2	2																			
TOTAL PRICE OF COMMISSIONING SPARES												2	2	2	2																			

Not used
12/04/17

Signature of the bidder with name, designation, date and company's seal