

Project Engineering
Management

Bharat Heavy Electricals Limited

(A Govt. Of India Undertaking)



Ref. No. PE/PG/TAN/E-5525/2016/01

Enquiry No.: PE/PG/TAN/E-5525/2016 dated 20.03.2017

1X800 MW TANGEDCO NORTH CHENNAI ST-III BTG

Date: 11.04.2017

BUTTERFLY VALVES (STEAM SERVICE)

CORRIGENDA/ADDENDA-1

Dear Sirs,

The last date of submission of tender for BUTTERFLY VALVES (STEAM SERVICE) invited vide enquiry no. PE/PG/TAN/E-5525/2016 dated 20.03.2017 is extended up to 27.04.2017 (02:00 PM). The techno-commercial offer shall be opened on 27.04.2017 (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 only.

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

Netrapal Singh
11/04/17

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

NETRAPAL SINGH
SR ENGINEER/PG-II-1,
BHEL/PS-PEM
POWER PROJECT ENGINEERING INSTITUTE,
PLOT NO. 25, SECTOR - 16A, NOIDA (UP)
(OFF) 0120-4368900

Regd. Office:
BHEL House
Siri Fort
New Delhi-110049

REVISED PRICE FORMAT OF BUTTER FLY VALVES (STEAM SERVICE) INCLUDING COMMISSIONING SPARES AND MANDATORY SPARES FOR 1X800 MW NORTH CHENNAI TPP ENQUIRY NO:PEIPGTANIE-5525/2016 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			
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.)	Frieght 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)			
					TEMP (DEG°C)	PRESSURE KG/CM2(G)						OD (MM)	THK(MM)												
1	EXV-31, EXV-32 (1 EACH)	BFV	2000	MO	Full vacuum and 2 kg/sq.cm	100	BFP DRIVE TURBINE EXHAUST LINE	CL75 (MINIMUM) OF AWWA C516-2010	CCS (ASTM A216 GR. WCB)	BW AS PER ASME B16.5	SG, MO, OT = 50 ~ 90 SEC, SHAFT AXIS ORIENTATION HORIZONTAL/ VERTICAL SUITABLE FOR BOTH DIRECTIONS; ELECTRIC ACTUATOR WITH INTEGRAL STARTER.	2032	16	2											
2	TOTAL PRICE OF COMMISSIONING SPARES AS PER ANNEXURE-A																								
3	TOTAL PRICE OF MANDATORY SPARES AS PER ANNEXURE-B																								
	TOTAL PRICE BUTTER FLY VALVES (STEAM SERVICE) INCLUDING COMMISSIONING SPARES AND MANDATORY SPARES (1+2+3)																								
ABBREVIATIONS:- BW- BUTT WELDED, CCS- CAST CARBON STEEL, SG- SEALED GLAND, MO- MOTORIZED 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/NTPC/REPUTED CUSTOMER project within the last 5 years from the date of bid opening of this project, i.e.29/01/2016, 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 C516, then the charges for the same shall 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 dubbed/ 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' ring & seals in Gland packing area, actuator 'o' rings and seal and disc seals as applicable. 6. All the mandatory spares are to be quoted individually & separately.																									

Not signed
11/04/17

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 13800 MW NORTH CHENNAI TPP																																		
ENQUIRY NO-PPGT/AME-5525/2016 Dated: 20.03.2017																																		
Sl. No.	TAG NOS.	TYPE OF VALVE	SIZE mm (NB)	OPERATION	DESIGN		SERVICE	RATING, DESIGN & TESTING CODE	END CONN	SPECIAL FEATURES	MATCHING PIPE		COMMISSIONING SPARES			FOR INDIAN BIDDERS											FOR FOREIGN BIDDERS					Total C & F cost (Currency)		
					PRESSURE Kg/cm ² (g)	TEMP (DEG °C)					OD (MM)	THK(MM)	GLAND PACKING (VALVES) (SETS)	BOTTOM GASKET (VALVES) (SETS)	O'RING AND SEALS FOR ELECTRIC ACTUATORS (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 (duty packed) (Rs.) (17+18+19+20)	Total Ex-works price (duty packed) (Rs.)	Excise Duty including Cess @.....% for self manufacture d 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 of GLAND PACKING (VALVES)	Unit C & F of BOTTOM GASKET (VALVES)	Unit C & F of O' RING AND SEALS FOR ELECTRIC ACTUATORS	Unit C & F of DISC SEAL					
1	EXV-31, EXV-32 (1 EACH)	BPV	2000	MO	Full vacuum and 2 light cm	100	BFP DRIVE (MINI) TURBIN M OF E ASME EXHAU CS16-2010	CCS (ASTM A216 GR. B16.5 WCB)	BWAS PER ASME B16.5	SG MO, OT = 50-90 DEG SHAFT AXIS ORIENTATION HORIZONTAL VERTICAL SUITABLE FOR BOTH DIRECTIONS. ELECTRIC ACTUATOR WITH INTEGRAL STARTER.	2032	16	2	2	2																			
TOTAL PRICE OF COMMISSIONING SPARES													2	2	2																			

Notarized
11/04/17

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

REVISED PRICE FORMAT OF MANDATORY SPARES OF BUTTER FLY VALVES (STEAM SERVICE) FOR 1X800 MM NORTH CHENNAI TPP
ENQUIRY NO-PE/PG/TANIE-5325/2016 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			
SL NO.	TAG NOS.	TYPE OF VALVE	SIZE mm (NB)	OPERATION	DESIGN		RATING, DESIGN & TESTING CODE	BODY & DISC MATERIAL	END CONN	SPECIAL FEATURES	MATCHING PIPE		MANDATORY SPARES	FOR INDIAN BIDDERS						FOR FOREIGN BIDDERS			
					PRESSURE KG/CM2(G)	TEMP (DEG °C)					OD (MM)	THK(MM)		Unit Ex-works price (duly packed) (Rs.)	Total Ex-works price (duly packed) (Rs.)	Excise Duty including Cess @.....% for self manufacture items only (Rs.)	Central Sales Tax @.....% against form C / VAT@..... (Rs.)	Frieght charges including service tax @.....% of Ex-works Price. (Rs.)	TOTAL F.O.R. SITE PRICE (Rs.)	Unit C & F (Duly packed) (Currency)	Total C & F cost (Currency) (23=21+22))		
1	EXV-31, EXV-32 (1 EACH)	BFV	2000	MO	Full vacuum and 2 kg/sq. cm	100	CL75 (MINIM UM) OF TURBIN E EXHAU ST LINE	CCS (ASTM A216 GR. WCB)	BW AS PER ASME B16.5	SG, MO, OT = 50 ~ 90 SEC. PER SHAFT AXIS ORIENTATION HORIZONTAL/VERTICAL SUITABLE FOR BOTH DIRECTIONS; ELECTRIC ACTUATOR WITH INTEGRAL STARTER.	2032	16	2										
TOTAL PRICE OF MANDATORY SPARES													2										

Nelsupad
11/04/17

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