

PRICE FORMAT OF BUTTER FLY VALVES (STEAM SERVICE) INCLUDING COMMISSIONING SPARES AND MANDATORY SPARES FOR 1X800 MW NORTH CHENNAI TPP
ENQUIRY NO-PE/PG/TANIE-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	22	23		
SL NO.	TAG NOS.	TYPE OF VALVE	SIZE mm (NB)	OPERATION	PRESSURE (KG/CM2G)	TEMP (DEG °C)	SERVICE	RATING, DESIGN & TESTING CODE	BODY & DISC MATERIAL	END CONN	SPECIAL FEATURES	MATCHING PIPE		NOS.	FOR INDIAN BIDDERS						FOR FOREIGN BIDDERS				
												OD (MM)	THK(MM)		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 FOB (Duly packed) (Currency)	TOTAL FOB (Duly packed) (Currency)	Ocean Freight (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	BFP DRIVE TURBINE EXHAUST LINE	CL75 (MINIMUM) OF AWWA C516-2010	CC3 (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/PTC/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 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' 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.

Noted up to
20/03/17

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

PRICE FORMAT OF COMMISSIONING SPARES OF BUTTER FLY VALVES (STEAM SERVICE) FOR 1X800 MW NORTH CHENNAI TPP
ENQUIRY NO:PE/PG/TAN/E-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	22	23	24	25	26	27	28	29	30	31	32	33	34										
SL NO.	TAG NOS EXV-31/ EXV-32 (1 EACH)	TYPE OF VALVE	SIZE mm (NB)	OPERATION	PRESSURE kg/cm ² (g)	TEMP (DEG C)	SERVICE	RATING, DESIGN & TESTING CODE	BODY & DISC MATERIAL	END CONN	SPECIAL FEATURES	MATCHING PIPE		COMMISSIONING SPARES			FOR INDIAN BIDDERS										FOR FOREIGN BIDDERS																
												OD (MM)	THK(MM)	GLAND PACKING (VALVES) (SETS)	O RING AND SEALS FOR ELECTRIC ACTUATORS (SETS)	DISC SEAL (NUMBERS)	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 ACTUATOR S (Rs.)	Unit ex- works price of DISC SEAL (Rs.)	Unit Ex- works price (duly packed) (Rs.) (17*18+19*2 0)	Total Ex- works price (duly 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 FOB of GLAND PACKING (VALVES) (Rs.)	Unit FOB of BOTTOM GASKET (VALVES) (Rs.)	Unit FOB of O RING AND SEALS FOR ELECTRIC ACTUATOR S (Rs.)	Unit FOB of DISC SEAL (Rs.)	Unit FOB (Duly packed) (Currency) (27*28+29* 0)	TOTAL FOB (Duly packed) (Currency)	Ocean Freight (Currency)	Total C & F cost (Currency) (34=32+33)									
1	EXV-31/ EXV-32 (1 EACH)	BTV	2000	MO	Full vacuum and 2 kg/cm ²	100 TEMP (DEG C)	DRIVE TURBINE EXHAUST LINE	CL 75 (MINIMUM) OF AWMA C516-2010	CCS (ASTM A216 GR WCB)	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	2																											
TOTAL PRICE OF COMMISSIONING SPARES																																											

Not up to date
20103117

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

PRICE FORMAT OF MANDATORY SPARES OF BUTTER FLY VALVES (STEAM SERVICE) FOR 1X800 MW NORTH CHENNAI TPP
ENQUIRY NO:PE/PGTANIE-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	22	23		
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		FOR INDIAN BIDDERS						FOR FOREIGN BIDDERS				Total C & F cost (Currency) (23=21+22)
					PRESSURE (KG/CM ² G)	TEMP (DEG ^o 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 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 FOB (Duly packed) (Currency)	TOTAL FOB (Duly packed) (Currency)	Ocean Freight (Currency)		
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 ANWA CS16-2010	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												
TOTAL PRICE OF MANDATORY SPARES												2												

Noted
20/03/17

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