



**2X660 MW ENORE SEZ STPP
PRICE FORMAT FOR INDIAN BIDDERS FOR BUTTERFLY VALVE (STEAM SERVICE)**

1	2	3	4	5	6		7	8	9	11	12	13		14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	
					DESIGN	TEMP (DEG °C)						OD	THKN																
SL NO.	TAG NOS.	TYPE OF VALVE	SIZE mm (NB)	OPERATION	PRESSURE KG/CM2(G)	TEMP (DEG °C)	SERVICE	RATING, DESIGN & TESTING CODE	BODY & DISC MATERIAL	END CONN	SPECIAL FEATURES	MM	MM	MAIN VALVES QTY WITH/OUT COMMISSIONING SPARES NOS.	GLAND PACKING (VALVES) (SETS)	BOTTOM GASKET (VALVES) (SETS)	O RING AND SEALS FOR ELECTRIC ACTUATORS (SETS)	DISC SEAL (SETS)	UNIT EX WORKS PRICE FOR MAIN VALVE (WITH/OUT COMMISSIONING SPARES) (Rs.)	UNIT EX WORKS PRICE FOR GLAND PACKING (VALVES) (SETS)	UNIT EX WORKS PRICE FOR BOTTOM GASKET (VALVES) (SETS)	UNIT EX WORKS PRICE FOR O RING AND SEALS FOR ELECTRIC ACTUATORS (SETS)	UNIT EX WORKS PRICE FOR DISC SEAL (SETS)	24=14+19+15+20+16+21+17+22+18+23	EXCISE DUTY @...% (FOR SELF MANUFACTURED ITEMS ONLY) (Rs.)	CST@...% AGAINST FOR VAT@...% AS APPLICABLE (Rs.)	FREIGHT@...% INCLUDING TAX (Rs.)	FOR SITE PRICES (Rs.)	
1	EXV-25, EXV-26 (2 Nos EACH)	BUTTERFLY VALVE (STEAM SERVICE)	1800	MO	Full vacuum and 2 kg/cm2	100	BFP DRIVE TURBINE EXHAUST LINE	CL.75B (MINIMUM) OF AWMA C504-2010	CCS (ASTM A216 GR. WCB)	BWAS PER ASME B16.25	SG, MO, OT = 50 - 70 SEC. SHAFT AXIS ORIENTATION HORIZONTAL FOR BOTH DIRECTIONS. ELECTRIC ACTUATOR WITH INTEGRAL STARTER	1829	16	4	4	4	4	4	4										
												TOTAL		4	4	4	4	4											

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/sized rating for any BHEL/NTPC/REPUTED CUSTOMER project within the last 5 years from the date of bid opening of this project, i.e. 27/09/2014, 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 & AWMA C504, 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 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 ring & seals in Gland packing area, actuator O rings and seal and disc seal as applicable.

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

Ohrews
03/06/15



**2X660 MW ENORE SEZ STPP
PRICE FORMAT FOR FOREIGN BIDDERS FOR BUTTERFLY VALVE (STEAM SERVICE)**

1	2	3	4	5	6		7	8	9	10	11	12	13		14	15-18				19	20	21	22	23	24	
					DESIGN	TEMP (DEG °C)							MM	MM		COMMISSIONING SPARES										
SL NO.	TAG NOS.	TYPE OF VALVE	SIZE mm (NB)	OPERATION	PRESSURE KG/CM2(G)	DESIGN	SERVICE	RATING, DESIGN & TESTING CODE	BODY & DISC MATERIAL	END CONN	SPECIAL FEATURES	MATCHING PIPE OD X THKN	MM	MM	MAIN VALVES QTY WITHOUT COMMISSIONING SPARES NOS.	GLAND PACKING (VALVES) (SETS)	BOTTOM GASKET (VALVES) (SETS)	O'RING AND SEALS FOR ELECTRICAL ACTUATORS (SETS)	DISC SEAL (SETS)	UNIT FOB PRICE FOR MAIN VALVE (WITHOUT COMMISSIONING SPARES) (CURRENCY)	UNIT FOB PRICE FOR GLAND PACKING (VALVES) (SETS) (CURRENCY)	UNIT FOB PRICE FOR BOTTOM GASKET (VALVES) (SETS) (CURRENCY)	UNIT FOB PRICE FOR O'RING AND SEALS FOR ELECTRICAL ACTUATORS (SETS) (CURRENCY)	UNIT FOB PRICE FOR DISC SEAL (SETS) (CURRENCY)	TOTAL FOB PRICES FOR MAIN VALVES AND COMMISSIONING SPARES (CURRENCY)	
1	EXV-25, EXV-26 (2 Nos EACH)	BUTTERFLY VALVE (STEAM SERVICE)	1800	MO	Full vacuum kg/cm2	100	BFP DRIVE TURBINE EXHAUST LINE	CL 75B (MINIMUM) OF AWMA CS04-2010	CCS (ASTM A216 GR. WCB)	BW AS PER ASME B16.25	SG, MO, SHAFT AXIS ORIENTATION HORIZONTAL/VERTICAL SUITABLE FOR BOTH DIRECTIONS. ELECTRIC ACTUATOR WITH INTEGRAL STARTER.	1829	16	4	4	4	4	4	4							24=14*19+15*20+16*21+17*22+18*23
												TOTAL	4	4	4	4	4	4								

ABBREVIATIONS:-
 BM- BUTT WELDED, CCS - CAST CARBON STEEL, SG - SEALED GLAND, MO - MOTORIZED ELECTRIC ACTUATOR, OT - OPENING/CLOSING TIME OF VALVE WITH ELECTRIC ACTUATOR OPERATION IBB - 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/OTHER/REPUTED CUSTOMER project within the last 5 years from the date of bid opening of this project, i.e. 27/09/2014, 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 & AWMA CS04, then the charges for the same shall be included in the unit quoted price 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.

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

Shweta
03/10/15