

		ANNEXURE-I	
2 X 600 MW SINGARENI TPP, ADILABAD			
PRICE SCHEDULE FOR BUTTERFLY VALVES (WATER SYSTEM)			

MAIN SUPPLY ALONG WITH COMMISSIONING SPARES

SCOPE OF SUPPLY:- FOLLOWING ARE THE " REQUIREMENT OF BUTTERFLY VALVES (WATER SYSTEM) " ALONG WITH COMMISSIONING SPARES												
SL NO.	VALVES TAG NOS.	SIZE (mm) NB	OPERATION	TYPE OF VALVE	UOM	QTY	UNIT EX-WORKS PRICE (DULY PACKED) (₹)	TOTAL EX-WORKS PRICE (DULY PACKED) (₹)	ED (INCLUDING CESS) @ % (₹)	CST/VAT @ % Against Form 'C' /E/II (₹)	FREIGHT CHARGES (INCLUDING SERVICE TAX) @ % OF TOTAL EX WORKS (₹)	TOTAL F.O.R SITE PRICE (₹)
A.0	MAIN SUPPLY											
A.1	ECW-49, 50, (EACH 2 NOS), PW-11 TO 16, 60 TO 66, 68, SW-17, 22, 23, 25, 32, 40, 44, 48, 53, 56, 57, 60 (EACH 1 NO.)	65	MAN	BUTTERFLY VALVE	NOS	31						
A.2	ECW-91, 92 (EACH 2 NOS)	65	MAN	BUTTERFLY VALVE	NOS	4						
A.3	PW-5, 6, 54, 55, SW-58, 59 (EACH 1 NO.) SP-2, 4 (EACH 2 NOS.)	80	MAN	BUTTERFLY VALVE	NOS	10						
A.4	ACW-22 TO 27 (EACH 2 NOS.)	100	MAN	BUTTERFLY VALVE	NOS	42						
	ECW-23, 24, 60 TO 63 (EACH 2 NOS.), SW-1 TO 16, 39, 45 (EACH 1 NO.)	100	MAN	BUTTERFLY VALVE	NOS	4						
A.5	PW-01, 02, 50, 51 (EACH 1 NO.)	100	MO	BUTTERFLY VALVE	NOS	4						
	CW-25 TO 34 (EACH 2 NOS.)	150	MAN	BUTTERFLY VALVE	NOS	56						
A.6	ECW-25 TO 28, 35, 36, 41, 42, 52 TO 55 (EACH 2 NOS.), PW-3, 4, 7 TO 10, 52, 53, 56 TO 59 (EACH 1 NO.)	150	MAN	BUTTERFLY VALVE	NOS	16						
A.7	ECW-56 TO 59 (EACH 2 NOS.)	200	MAN	BUTTERFLY VALVE	NOS	2						
	CW-14, 16, 22 & 24 (EACH 2 NOS.)	200	MAN	BUTTERFLY VALVE	NOS	2						
A.8	ECW-51 (EACH 2 NOS.)	200	MO	BUTTERFLY VALVE	NOS	2						

6/10/19

SL NO.	VALVES TAG NOS.	SIZE (mm) NB	OPERATION	TYPE OF VALVE	UOM	QTY	UNIT EX-WORKS PRICE (DULY PACKED) (₹)	TOTAL EX-WORKS PRICE (DULY PACKED) (₹)	ED (INCLUDING CESS) @ % (₹)	CST/MAT @ % Against Form 'C' /E/II (₹)	FREIGHT CHARGES (INCLUDING SERVICE TAX) @ % OF TOTAL EX WORKS (₹)	TOTAL F.O.R SITE PRICE (₹)
A.9	ECW-76 (EACH 2 NOS.)	200	MO	BUTTERFLY VALVE	NOS	2						
A.10	ACW-28 TO 31 (EACH 2 NOS.)	250	MAN	BUTTERFLY VALVE	NOS	8						
A.11	ECW-10 (EACH 2 NOS.)	250	MO	BUTTERFLY VALVE	NOS	2						
A.12	ECW-78 TO 81 (EACH 2 NOS.)	250	MAN	BUTTERFLY VALVE	NOS	8						
A.13	ACW-9A (EACH 2 NOS.)	300	MO	BUTTERFLY VALVE	NOS	2						
A.14	ECW-82, 84, 85 (EACH 2 NOS.) WITH LIMIT SWITCH	300	MAN	BUTTERFLY VALVE	NOS	6						
A.15	ECW-89, 90 (EACH 2 NOS.)	300	MAN	BUTTERFLY VALVE	NOS	4						
A.16	ECW-74, 75 (EACH 2 NOS.)	300	MO	BUTTERFLY VALVE	NOS	4						
A.17	ECW-70, 71 (EACH 2 NOS.)	350	MO	BUTTERFLY VALVE	NOS	4						
A.18	ECW-104 TO 107 (EACH 2 NOS.)	100	MAN	BUTTERFLY VALVE	NOS	8						
A.19	SUB-TOTAL (A.1 TO A.18)											
B.0	COMMISSIONING SPARES (BONNET/ COVER GASKET, GLAND PACKING & ACTUATOR SPARES)											
B.1	ECW-49, 50, (EACH 2 NOS), PW-4 TO 6, 8, 9, 14, 19, 21, 22, 24, 25, 29, SW-112 TO 114, 117 TO 123 (EACH 1 NO.)	65	BONNET/ COVER GASKET	BUTTERFLY VALVE	NOS	31						
			GLAND PACKING		SETS	31						
			ACTUATOR SPARES		SETS	-						
B.2	ECW-91, 92 (EACH 2 NOS)	65	BONNET/ COVER GASKET	BUTTERFLY VALVE	NOS	4						
			GLAND PACKING		SETS	4						
			ACTUATOR SPARES		SETS	-						
B.3	PW-5, 6, 54, 55, SW-58, 59 (EACH 1 NO.) SP-2, 4 (EACH 2 NOS.)	80	BONNET/ COVER GASKET	BUTTERFLY VALVE	NOS	10						
			GLAND PACKING		SETS	10						
			ACTUATOR SPARES		SETS	-						
	ACW-22 TO 27 (EACH 2 NOS.)		BONNET/ COVER GASKET	BUTTERFLY VALVE	NOS	42						

01/12/2023

SL NO.	VALVES TAG NOS.	SIZE (mm) NB	OPERATION	TYPE OF VALVE	UOM	QTY	UNIT EX-WORKS PRICE (DULY PACKED) (₹)	TOTAL EX-WORKS PRICE (DULY PACKED) (₹)	ED (INCLUDING CESS) @ % (₹)	CST/VAT @ % Against Form 'C' /IE/II (₹)	FREIGHT CHARGES (INCLUDING SERVICE TAX) @ % OF TOTAL EX WORKS	TOTAL F.O.R SITE PRICE (₹)
B.4	ECW-23, 24, 60 TO 63 (EACH 2 NOS.), SW-1 TO 16, 39, 45 (EACH 1 NO.)	100	GLAND PACKING	BUTTERFLY VALVE	SETS	42						
			ACTUATOR SPARES		SETS	-						
B.5	PW-01, 02, 50, 51 (EACH 1 NO.)	100	BONNET/ COVER GASKET	BUTTERFLY VALVE	NOS	4						
			GLAND PACKING		SETS	4						
			ACTUATOR SPARES		SETS	4						
B.6	CW-25 TO 34 (EACH 2 NOS.)	150	BONNET/ COVER GASKET	BUTTERFLY VALVE	NOS	56						
			GLAND PACKING		SETS	56						
	ECW-56 TO 59 (EACH 2 NOS.)	200	ACTUATOR SPARES		SETS	-						
B.7	CW-14, 16, 22 & 24 (EACH 2 NOS.)	200	BONNET/ COVER GASKET	BUTTERFLY VALVE	NOS	16						
			GLAND PACKING		SETS	16						
			ACTUATOR SPARES		SETS	16						
B.8	ECW-51 (EACH 2 NOS.)	200	BONNET/ COVER GASKET	BUTTERFLY VALVE	NOS	2						
			GLAND PACKING		SETS	2						
			ACTUATOR SPARES		SETS	2						
B.9	ECW-76 (EACH 2 NOS.)	200	BONNET/ COVER GASKET	BUTTERFLY VALVE	NOS	2						
			GLAND PACKING		SETS	2						
			ACTUATOR SPARES		SETS	2						
B.10	ACW-28 TO 31 (EACH 2 NOS.)	250	BONNET/ COVER GASKET	BUTTERFLY VALVE	NOS	8						
			GLAND PACKING		SETS	8						
			ACTUATOR SPARES		SETS	-						
B.11	ECW-10 (EACH 2 NOS.)	250	BONNET/ COVER GASKET	BUTTERFLY VALVE	NOS	2						
			GLAND PACKING		SETS	2						
			ACTUATOR SPARES		SETS	2						
B.12	ECW-78 TO 81 (EACH 2 NOS.)	250	BONNET/ COVER GASKET	BUTTERFLY VALVE	NOS	8						
			GLAND PACKING		SETS	8						
			ACTUATOR SPARES		SETS	-						

*Handwritten signature*



ANNEXURE-II												
2 X 600 MW SINGARENI TPP, ADILABAD												
PRICE SCHEDULE FOR BUTTERFLY VALVES (WATER SYSTEM)												
MANDATORY SPARES												
SL NO.	VALVES TAG NOS.	SIZE (mm) NB	OPERATION	TYPE OF VALVE	UOM	QTY	UNIT EX-WORKS PRICE (DULY PACKED) (₹)	TOTAL EX- WORKS PRICE (DULY PACKED) (₹)	ED (INCLUDING CESS) @ % (₹)	CST/VAT @ % Against Form 'C' /EI/II (₹)	FREIGHT CHARGES (INCLUDING SERVICE TAX) @ % OF TOTAL EX WORKS (₹)	TOTAL F.O.R SITE PRICE (₹)
C.0	MANDATORY SPARES											
C.1	ECW 49, 50, (EACH 2 NOS), PW-11 TO 16, 19, 60 TO 66, 68, SW-17, 22, 23, 25, 32, 40, 44, 48, 53, 56, 57, 60 (EACH 1 NO.)	65	MAN	BUTTERFLY VALVE	NOS	2						
C.2	ECW-91, 92 (EACH 2 NOS)	65	MAN	BUTTERFLY VALVE	NOS	2						
C.3	PW-5, 6, 54, 55, SW-58, 59 (EACH 1 NO.) SP-2, 4 (EACH 2 NOS.)	80	MAN	BUTTERFLY VALVE	NOS	2						
C.4	ACW-22 TO 27 (EACH 2 NOS.)	100	MAN	BUTTERFLY VALVE								
	ECW-23, 24, 60 TO 63 (EACH 2 NOS.), SW-1 TO 16, 39, 45 (EACH 1 NO.)	100	MAN	BUTTERFLY VALVE	NOS	3						
C.5	PW-01, 02, 50, 51 (EACH 1 NO.)	100	MO	BUTTERFLY VALVE	NOS	2						
	CW-25 TO 34 (EACH 2 NOS.)	150	MAN	BUTTERFLY VALVE	NOS							
C.6	ECW-25 TO 28, 35, 36, 41, 42, 52 TO 55 (EACH 2 NOS.), PW-3, 4, 7 TO 10, 52, 53, 56 TO 59 (EACH 1 NO.)	150	MAN	BUTTERFLY VALVE	NOS	3						
C.7	ECW-56 TO 59 (EACH 2 NOS.)	200	MAN	BUTTERFLY VALVE	NOS	2						
	CW-14, 16, 22 & 24 (EACH 2 NOS.)	200	MAN	BUTTERFLY VALVE	NOS							
C.8	ECW-51 (EACH 2 NOS.)	200	MO	BUTTERFLY VALVE	NOS	2						
C.9	ECW-76 (EACH 2 NOS.)	200	MO	BUTTERFLY VALVE	NOS	2						

*Signature*

SL NO.	VALVES TAG NOS.	SIZE (mm) NB	OPERATION	TYPE OF VALVE	UOM	QTY	UNIT EX-WORKS PRICE (DULY PACKED) (₹)	TOTAL EX-WORKS PRICE (DULY PACKED) (₹)	ED (INCLUDING CESS) @ % (₹)	CST/VAT @ % Against Form 'C' /IE/II (₹)	FREIGHT CHARGES (INCLUDING SERVICE TAX) @ % OF TOTAL EX WORKS (₹)	TOTAL F.O.R SITE PRICE (₹)
C.10	ACW-28 TO 31 (EACH 2 NOS.)	250	MAN	BUTTERFLY VALVE	NOS	2						
C.11	ECW-10 (EACH 2 NOS.)	250	MO	BUTTERFLY VALVE	NOS	2						
C.12	ECW-78 TO 81 (EACH 2 NOS.)	250	MAN	BUTTERFLY VALVE	NOS	2						
C.13	ACW-9A (EACH 2 NOS.)	300	MO	BUTTERFLY VALVE	NOS	2						
C.14	ECW-82, 84, 85 (EACH 2 NOS.) WITH LIMIT SWITCH	300	MAN	BUTTERFLY VALVE	NOS	2						
C.15	ECW-89, 90 (EACH 2 NOS.)	300	MAN	BUTTERFLY VALVE	NOS	2						
C.16	ECW-74, 75 (EACH 2 NOS.)	300	MO	BUTTERFLY VALVE	NOS	2						
C.17	ECW-70, 71 (EACH 2 NOS.)	350	MO	BUTTERFLY VALVE	NOS	2						
C.18	ECW-104 TO 107 (EACH 2 NOS.)	100	MAN	BUTTERFLY VALVE	NOS	2						
C.19	SUB-TOTAL (C.1 TO C.18)						NOS 38					

Note:-

1. Valve POD test charges/ Gear box POD test charges or any other test charges, required as per this technical specification, shall not be included in the unit quoted prices of main valves as these tests are the mandatory requirements of valve governing standard AWWA C504 and this enquiry specification. If the bidder has not carried these test earlier, then the bidder is required to do these tests without any charges to BHEL, in case of order on the bidder i.e. NO EXTRA CHARGES ON THIS ACCOUNT IS ADMISSIBLE TO BIDDERS.

2. For detail material of construction please refer Data sheet-A1 (material of construction) as per Technical Specification No.-PE-SS-999-100-M008

3. Bidders to note that the Freight charges that is to be quoted by you shall be in percentage of the Total Ex Works. Bidder to mention the percentage of freight (of Total Ex Works).

*Signature*  
9/1/13

भावना शर्मा / BHAVNA SHARMA  
अभियंता (पी.जी.-2)/Engineer (PG-I-2)  
भारत भारी इलेक्ट्रिकल्स लिमिटेड/ Bharat Heavy Electricals Ltd.  
पवर सेक्टर-प्रोजेक्ट इन्जीनियरिंग प्रभाग  
Power Sector-Project Engineering Management  
पी.पी.ई. बिल्डिंग, एच.आर.डी. & डी. कॉम्प्लेक्स,  
BHEL Building, HRD & D Complex,  
पिन-462 013, रायपुर-492 015, छत्तीसगढ़, भारत  
मोबा. 98260 88888, 98260 88889, 98260 88890, 98260 88891