

				ANNEXURE- I (GROUP - A) - TO NIT REF NO-PE/PG/RTC/E-5746/2017, DTD-10.10.2017																										
				RATE CONTRACT																										
				PRICE SCHEDULE FOR STEEL(GATE/GLOBE/NRV) PACKAGE																										
Name of Bidder:																														
SL NO.	TYPE OF VALVE	SIZE mm (NB)	OPERATION	DESIGN		SERVICE	RATING, DESIGN & TESTING CODE	BODY,BONNET & DISC MATERIAL	HINGE PIN MATERIAL	BODY & DISC SEAT AND OTHER TRIM MATERIAL	END CONN	SPECIAL FEATURES	MATCHING PIPE# OD X THKN		MAIN VALVES QUANTITY	+++COMMISSIONING SPARES			MAND. SPARES			REMARKS	UNIT EX-WORKS PRICE (DULY PACKED) (INR)	EX-WORKS PRICE (DULY PACKED) IN PERCENTAGE OF TOTAL EX WORKS PRICE OF TOTAL BOQ GIVEN AT SL NO-32 OF COUNMN 25 (INR)	TOTAL EX-WORKS PRICE (DULY PACKED) (INR)	FREIGHT CHARGES % OF TOTAL EX WORKS (INR)	GST @ % OF TOTAL EX WORKS + FREIGHT (INR)	TOTAL F.O.R SITE PRICE (INR)	Type of GST IGST/CGST/ UTGST/SGST	HSN Code
	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
1	GROUP-A: MAIN SUPPLY																													
2	HV	25	MAN	10	60	SW	#800 OF BSEN ISO 15761	FCS AS PER ASTM A-105	--	--	SOCKET WELDED as per ASME B16.11	GATE TYPE HOSE VALVE	34.2	4	538	--	--	--	--	--	--		derived	8.737	derived	% to be quoted	% to be quoted	derived		
3	HV	25	MAN	10	60	SW	#800 OF BSEN ISO 15761	FCS AS PER ASTM A-105	--	--	SOCKET WELDED as per ASME B16.11	GLOBE TYPE HOSE VALVE	34.2	4.5	57	--	--	--	--	--	--		derived	1.065	derived			derived		
4	GV	25	MAN	10	60	ACW SYSTEM	#800 OF BSEN ISO 15761	DUPLEX SS	--	DUPLEX SS	SCREWED as per IS554 female parallel	--	33.4	3.38	14	--	--	--	--	--	--		derived	2.272	derived			derived		
5	GV	50	MAN	10	60	ACW & ETP SYSTEM	#800 OF BSEN ISO 15761	DUPLEX SS	--	DUPLEX SS	SCREWED as per IS554 female parallel	--	60.3	3.91	53	--	--	--	--	--	--		derived	26.662	derived			derived		
6	GLV	25	MAN	7.5	60	SEA WATER INTAKE SYSTEM	#800 OF BSEN ISO 15761	DUPLEX SS (UNS 31803/ UNS 32205)	--	DUPLEX SS (UNS 31803/ UNS 32205)	SCREWED as per IS554 female parallel	--	33.4	3.38, 4.0	26	--	--	--	--	--	--		derived	4.964	derived			derived		
7	GLV	25	MAN	10,12	60	DMCW SYSTEM	# 800 of BSEN ISO 15761	SS 316L	--	SS 316L	SOCKET WELDED as per ASME B16.11	--	33.4,34.2	3.4, 4.0	56	--	--	--	--	--	--		derived	4.455	derived			derived		
8	GLV	40	MAN	10	60	DMCW SYSTEM	# 800 of BSEN ISO 15761	SS 316L	--	SS 316L	SOCKET WELDED as per ASME B16.11	--	48.80	4.00	6	--	--	--	--	--	--		derived	1.194	derived			derived		
9	GLV	50	MAN	10,12	60	DMCW SYSTEM	# 800 of BSEN ISO 15761	SS 316L	--	SS 316L	SOCKET WELDED as per ASME B16.11	--	60.8,60.3	4.5, 3.9	31	--	--	--	--	--	--		derived	7.644	derived			derived		
10	GLV	50	MAN	8	60	ACW/ PLANT WATER SYSTEM	#800 OF BSEN ISO 15761	DUPLEX SS (UNS 31803/ UNS 32205)	--	DUPLEX SS (UNS 31803/ UNS 32205)	SCREWED as per IS554 female parallel	--	60.8	3.91, 4.5	30	--	--	--	--	--	--		derived	17.754	derived			derived		
11	GLV	50	MO	10	60	DMCW SYSTEM	# 800 of BSEN ISO 15761	SS 316L	--	SS 316L	SOCKET WELDED as per ASME B16.11	1. OPEN /CLOSE TIME SHALL BE 40-60 SEC. 2.ON/OFF TYPE	60.3, 60.8	3.9, 4.5	2	--	--	--	--	--	--	FOR ACTUATOR DETAIL, REFER ACTUATOR DATA SHEET SPEC. NO. PE-TS-020-145-I007B	derived	2.188	derived			derived		
12	PLNRV	25	AUTO	10,12	60	DMCW SYSTEM	# 800 of BSEN ISO 15761	SS 316L	SS 316L	SS 316L	SOCKET WELDED as per ASME B16.11	--	33.40	3.40	2	--	--	--	--	--	--		derived	0.294	derived			derived		
13	PLNRV	50	AUTO	10	60	ETP SYSTEM	#800 OF BSEN ISO 15761	DUPLEX SS	--	DUPLEX SS	SCREWED as per IS554 female parallel	--	60.3	3.91	36	--	--	--	--	--	--		derived	21.203	derived			derived		
14	Total (Sl. No. 2 to 13)															851	--	--	--	--	--	--			98.432					
15	GROUP-A: COMMISSIONING SPARES																													
16	HV	25	MAN	10	60	SW	#800 OF BSEN ISO 15761	FCS AS PER ASTM A-105	--	--	SOCKET WELDED as per ASME B16.11	GATE TYPE HOSE VALVE	34.2	4	--	538	538	--	--	--	--		derived	0.492	derived	% to be quoted	% to be quoted	derived		
17	HV	25	MAN	10	60	SW	#800 OF BSEN ISO 15761	FCS AS PER ASTM A-105	--	--	SOCKET WELDED as per ASME B16.11	GLOBE TYPE HOSE VALVE	34.2	4.5	--	57	57	--	--	--	--		derived	0.06	derived			derived		
18	GV	25	MAN	10	60	ACW SYSTEM	#800 OF BSEN ISO 15761	DUPLEX SS	--	DUPLEX SS	SCREWED as per IS554 female parallel	--	33.4	3.38	--	14	14	--	--	--	--		derived	0.038	derived			derived		
19	GV	50	MAN	10	60	ACW & ETP SYSTEM	#800 OF BSEN ISO 15761	DUPLEX SS	--	DUPLEX SS	SCREWED as per IS554 female parallel	--	60.3	3.91	--	53	53	--	--	--	--		derived	0.199	derived			derived		

SL NO.	TYPE OF VALVE	SIZE mm (NB)	OPERATION	DESIGN		SERVICE	RATING, DESIGN & TESTING CODE	BODY,BONNET & DISC MATERIAL	HINGE PIN MATERIAL	BODY & DISC SEAT AND OTHER TRIM MATERIAL	END CONN	SPECIAL FEATURES	MATCHING PIPE# OD X THKN		MAIN VALVES QUANTITY	+++COMMISSIONING SPARES			MAND. SPARES			REMARKS	UNIT EX-WORKS PRICE (DULY PACKED) (INR)	EX-WORKS PRICE (DULY PACKED) IN PERCENTAGE OF TOTAL EX WORKS PRICE OF TOTAL BOQ GIVEN AT SL NO-32 OF COUNMN 25 (INR)	TOTAL EX-WORKS PRICE (DULY PACKED) (INR)	FREIGHT CHARGES % OF TOTAL EX WORKS (INR)	GST @ % OF TOTAL EX WORKS + FREIGHT (INR)	TOTAL F.O.R SITE PRICE (INR)	Type of GST IGST/CGST/ UTGST/SGST	HSN Code																								
				PRESSURE KG/CM2(G)	TEMP (DEG ° C)								BONNET/ COVER GASKET (NOS)	GLAND PACKING (SETS)		ACTUATOR O-RING AND SEAL (SETS)	DISC(Nos.)	BODY SEAT RING (SET)	BONNET GASKET (SET)																																			
																				MM	MM																																	
20	GLV	25	MAN	7.5	60	SEA WATER INTAKE SYSTEM	#800 OF BSEN ISO 15761	DUPLEX SS (UNS 31803/ UNS 32205)	--	DUPLEX SS (UNS 31803/ UNS 32205)	SCREWED as per IS554 female parallel	--	33.4	3.38, 4.0	--	26	26	--	--	--		derived	0.083	derived			derived																											
21	GLV	25	MAN	10,12	60	DMCW SYSTEM	# 800 of BSEN ISO 15761	SS 316L	--	SS 316L	SOCKET WELDED as per ASME B16.11	--	33.4,34.2	3.4, 4.0	--	56	56	--	--	--		derived	0.178	derived			derived																											
22	GLV	40	MAN	10	60	DMCW SYSTEM	# 800 of BSEN ISO 15761	SS 316L	--	SS 316L	SOCKET WELDED as per ASME B16.11	--	48.80	4.00	--	6	6	--	--	--		derived	0.023	derived			derived																											
23	GLV	50	MAN	10,12	60	DMCW SYSTEM	# 800 of BSEN ISO 15761	SS 316L	--	SS 316L	SOCKET WELDED as per ASME B16.11	--	60.8,60.3	4.5, 3.9	--	31	31	--	--	--		derived	0.138	derived			derived																											
24	GLV	50	MAN	8	60	ACW/ PLANT WATER SYSTEM	#800 OF BSEN ISO 15761	DUPLEX SS (UNS 31803/ UNS 32205)	--	DUPLEX SS (UNS 31803/ UNS 32205)	SCREWED as per IS554 female parallel	--	60.8	3.91, 4.5	--	30	30	--	--	--		derived	0.133	derived			derived																											
25	GLV	50	MO	10	60	DMCW SYSTEM	# 800 of BSEN ISO 15761	SS 316L	--	SS 316L	SOCKET WELDED as per ASME B16.11	1. OPEN /CLOSE TIME SHALL BE 40-60 SEC. 2.ON/OFF TYPE	60.3, 60.8	3.9, 4.5	--	2	2	2	--	--	--	FOR ACTUATOR DETAIL, REFER ACTUATOR DATA SHEET SPEC. NO. PE-TS-020-145-I007B	derived	0.02			derived	derived																										
26	PLNRV	25	AUTO	10,12	60	DMCW SYSTEM	# 800 of BSEN ISO 15761	SS 316L	SS 316L	SS 316L	SOCKET WELDED as per ASME B16.11	--	33.40	3.40	--	2	--	--	--	--		derived	0.002	derived			derived																											
27	PLNRV	50	AUTO	10	60	ETP SYSTEM	#800 OF BSEN ISO 15761	DUPLEX SS	--	DUPLEX SS	SCREWED as per IS554 female parallel	--	60.3	3.91	--	36	--	--	--	--		derived	0.179	derived			derived																											
28	Total (Sl. No. 16 to 27)														0	851	813	2	3	6	6			1.545																														
29	GROUP-A: MANDATORY SPARES																																																					
30	HV	25	MAN	10	60	SW	#800 OF BSEN ISO 15761	FCS AS PER ASTM A-105	--	--	SOCKET WELDED as per ASME B16.11	GLOBE TYPE HOSE VALVE	34.2	4.5	--	--	--	--	3	6	6		derived	0.023	derived		derived																											
31	Total (Sl. No. 30)																									0.023																												
32	Total (Sl. No. 14+28+30)																										100.0	TO BE QUOTED = Rs X			Derived = Y																							
NOTES 1. LEGENDS: MAN=MANUAL, MO=MOTORISED, GV=GATE VALVE, GLV=GLOBE VALVE, SC NRV= SWING CHECK NON RETURN VALVE , PLNRV= PISTON LIFT NON RETURN VALVE 2.+++ COMMISSIONING SPARES: a). ONE SET OF GLAND PACKING & BONNET GASKET FOR EACH GATE /GLOBE VALVE b)ONE NO. OF COVER GASKET FOR SWING CHECK NON RETURN VALVE. 3.MAIN VALVE PRICES SHALL BE EXCLUSIVE OF COST OF COMMISSIONING SPARES PRICES. 4. BIDDER IS REQUIRED TO QUOTE UNIT PRICE OF EACH AND EVERY ITEMS UNDER COMMISSIONING SPARES SEPARATELY AND INDIVIDUALLY (i.e. PRICES OF ALL COMMISSIOING SPARES SHALL NOT BE CLUBBED/INCLUDED IN THE UNIT PRICES OF MAIN VALVES). 5.MANDATORY SPARES PRICES SHALL BE QUOTED BY BIDDER SEPARATELY. 6.#: MATCHING PIPE, OD, THICKNESS ETC. SHALL BE INFORMED AS PER PROJECT SPECIFIC REQUIREMENT. 8. Bidder to note that evaluation shall be on Grand Total FOR site price excluding GST to BHEL, however, Bidder to quote grand total Ex works value (Rs X) of the complete package only as per the BOQ above. The item wise break up of Ex works prices (unit as well as total) shall be derived as per the formulae indicated above by BHEL. Bidder also need to indicate taxes percentage in the respective column and freight percentage of Ex works value considering delivery anywhere in India in the freight column. Bidder to indicate freight charges separately. Freight charges shall not be included in Ex-works price. 9. Rate contract shall be decided on the basis of grand Total FOR site price excluding GST of Total BOQ 10. Value is to be filled only where "to be quoted" is mentioned and for other columns where "derived" is mentioned same shall be derived by BHEL as per % allocation fixed against each item 11. Bidder to note that total price indicated above at Sl no-F shall be considered for evaluation and hence should be complete in all respect for the full scope defined and considering all terms and conditions agreed. 12. The unit price quoted by bidder shall be binding for quantity variation which is at discretion of purchaser. 13. Prices shall remain firm during contract execution. 14. For any clarification please refer Technical Specification No-PE-TS-020-100-M001 15. Price of all accessories, commissioning spares, special Tools & tackle and other accessories not listed above shall be included in the price of Steam Traps & shall be supplied with the Steam Traps. 16. In case of spares, any item indicated as "Not Applicable" by bidder but actually found applicable for Steam Traps , shall be supplied by bidder at cost based on cost percentage break-up for spares furnished along with NIT. 17. Bidder shall furnish this price Schedule indicating "Quoted/Not-Quoted" along with technical offer and actual prices in his price offer.																																																						
Rs. X in figure and words:																																																						