

2 X 660 MW SURATGARH STPS STAGE-V

BOQ CUM SUGGESTIVE PRICE FORMAT FOR CONTROL VALVE WITH ACCESSORIES (PNEUMATICALLY OPERATED)

S.No.	ITEM DESCRIPTION		QUANTITY/ UNIT	Total Qty (Unit 1&2)	FOR INDIAN BIDDERS (IN INR)							FOR FOREIGN BIDDERS	
	TAG NO.	SERVICE			UNIT EX- WORKS PRICE	TOTAL EX- WORKS PRICE	EXCISE DUTY with cess: NIL (REFER SCC CLAUSE NO. 27.0).	CST against form C/E1&E2 @% / VAT @.....% (As applicable)	FREIGHT CHARGES (Including Service tax on freight@..... % (applicable rate)-to be quoted as % of Ex-Works	Service tax@.....% on CV Test	TOTA F.O.R. SITE PRICE	UNIT FOB PRICE (Currency:)	TOTAL FOB PRICE (Currency:)
[A]	CONTROL VALVES COMPLETE WITH PNEUMATIC ACTUATOR AND ALL ACCESSORIES MOUNTED , PIPED AND TERMINATED ON JB												
1	ASV-8	D/A Pegging from Aux. Steam Header	1	2									
2	CRHV-6	D/A Pegging from CRH Line	1	2									
3	CDV-22	Main Condensate Control	1	2									
4	CDV-39	GSC & CEP min. recirculation	1	2									
5	CDV-43	Excess Dump Control	1	2									
6	CDV-67	Condensate for SD F/T	1	2									
7	CDV-72	Condensate for Valve Gland Sealing	1	2									
8	DRV-2	HPH-7 Normal Drain to HPH-6	1	2									
9	DRV-5	HPH-7 Alt drain to HP Drain F/T	1	2									
10	DRV-15	HPH-6 Alt Drain to Deaerator	1	2									
11	DRV-18	HPH-6 Alt Drain to HP drain F/T	1	2									
12	DRV-28	LPH-3 Drain to LPH-2	1	2									
13	DRV-31	LPH-3 Drain to LP drain F/T	1	2									
14	DRV-34	LPH-2 Drain to LPH-1	1	2									
15	DRV-37	LPH-2 Drain to LP Drain F/T	1	2									
16	DRV-48	Deaerator Overflow	1	2									
17	DRV-53	HPH-8 Drain to HPH-7	1	2									
18	DRV-59	HPH-8 Drain to F/T	1	2									
19	DRV-65	LPH-4 Drain to LPH-3	1	2									
20	DRV-68	LPH-4 Alt Drain to LP Drain F/T	1	2									
21	DMV-2	Low Capacity DM MU to Hotwell	1	2									
22	DMV-9	High Capacity DM MU to Hotwell	1	2									
23	FDV-14	Low Load Feed Control	1	2									
[B]	25 Meters of 10mm OD x 1.5mm thick SS Tubing (for each CV) (To be supplied Loose)		575 METER	1150 METER									
	(i) BRASS FITTING-Double Compression Type for Connection to 2 nos. Air Filter Regulator		1 LOT	2 LOT									

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	TAG NO.	SERVICE			UNIT EX- WORKS PRICE	TOTAL EX- WORKS PRICE	EXCISE DUTY with cess: NIL (REFER SCC CLAU NO. 27.0).	CST against form C/E1&E2 @% / VAT @.....% (As applicable)	FREIGHT CHARGES (Including Service tax on freight@..... % (applicable rate)-to be quoted as % of Ex-Works	Service tax@.....% on CV Test	TOTA F.O.R. SITE PRICE	UNIT FOB PRICE (Currency:)	TOTAL FOB PRICE (Currency:)	
[C]	FITTINGS: for each CV (To be Supplied Loose)	(ii) BRASS FITTING- Double Compression Type for Connection to Solenoid Valve	1 LOT	2 LOT			NIL (REFER SCC CLAU NO. 27.0)							
		(iii) BRASS FITTING- Double Compression Type for Connection to IA Header Isolation valve	1 LOT	2 LOT										
		(iv) Brass TEE	1 LOT	2 LOT										
		(v) SS CONNECTOR FOR CONNECTION BETWEEN TUBING AND IA HDR ISOLATION VALVE PER CV	1 LOT	2 LOT										
[D]		START-UP/COMMISSIONING SPARES : (TOTAL PRICE FOR 1 SETS OF BODY AND BONNET GASKET & 1 SETS OF GLAND PACKINGS PER CV)	1 LOT	2 LOT										
[E]	MANDATORY SPARES (AS PER ANNEXURE.1)	1 LOT											
[F]	TOTAL CV TEST CHARGES (AS PER ANNEXUR.2)	1 LOT	1 LOT											
[G]	DIAGNOSTIC SOFTWARE	1 LOT	2 LOT											
[H]	UNIVERSAL HAND HELD CALIBRATOR	1 NOS	2 NOS											
[I]	DOCUMENTATION CHARGES FOR THE FINAL DOCUMENTS & SOFT COPIES	1 LOT	2 LOT											
TOTAL (A+B+C+D+E+F+G+H+I) for two units														

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S. No.	ITEM DESCRIPTION		QUANTITY/ UNIT	Total Qty (Unit 1&2)	FOR INDIAN BIDDERS (IN INR)							FOR FOREIGN BIDDERS	
	TAG NO.	SERVICE			UNIT EX- WORKS PRICE	TOTAL EX- WORKS PRICE	EXCISE DUTY with cess: NIL (REFER SCC CLAUSE NO. 27.0).	CST against form C/E1&E2 @% / VAT @.....% (As applicable)	FREIGHT CHARGES (Including Service tax on tax@.....% rate)-to be quoted as % of Ex-Works	Service tax@.....% on CV Test	TOTA F.O.R. SITE PRICE	UNIT FOB PRICE (Currency:)	TOTAL FOB PRICE (Currency:)

NOTE:-

1. Indicate all duties, taxes etc. stating whether included/ excluded in above price.
2. Bidder to note that in their un-price bid, you must indicate as "QUOTED" against unit price & total price column. Price should be indicated in Price Bid only. Refer BOQ & Tech Specification for detail technical requirement.
3. In case of foreign bidders the quoted F.O.B. price shall be loaded as per clause no. 19.4 of instruction to Bidders and clause no. 9.6 of General Commercial Terms and Conditions of GCC Rev. 06 to arrive at TOTAL F.O.R site price for evaluation.
4. Bidder to note that for evaluation of bids in foreign currency, exchange rate (TT selling rate of State Bank of India) as on scheduled date of tender opening (Part-I bid in case of two part bid) shall be considered."
5. Indian 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).

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ANNEXURE:1

MANDATORY SPARES

		FOR INDIAN BIDDERS (IN INR)						FOR FOREIGN BIDDERS		
S. No.	ITEM DESCRIPTION	QUANTITIES FOR TWO UNITS (1 LOT)	UNIT EX- WORKS PRICE	TOTAL EX- WORKS PRICE	EXCISE DUTY with cess: NIL (REFER SCC CLAUSE NO. 27.0).	CST against form C/E1&E2 @% / VAT @.....% (As applicable)	FREIGHT CHARGES (Including Service tax on freight@..... % (applicable rate)-to be quoted as % of Ex-Works	TOTAL F.O.R. SITE PRICE	UNIT FOB PRICE (Currency:)	TOTAL FOB PRICE (Currency:)
	ITEM DESCRIPTION		UNIT EX- WORKS PRICE	TOTAL EX- WORKS PRICE	EXCISE DUTY with cess: NIL (REFER SCC CLAUSE NO. 27.0).	CST against form C/E1&E2 @% / VAT @.....% (As applicable)	FREIGHT CHARGES (Including Service tax on freight@..... % (applicable rate)-to be quoted as % of Ex-Works	TOTAL F.O.R. SITE PRICE	UNIT FOB PRICE (Currency:)	TOTAL FOB PRICE (Currency:)
1	Plug and steam assembly	2 No. of each type			NIL (REFER SCC CLAUSE NO. 27.0)					
2	Seat ring	2 No. of each type								
3	Packing and gaskets	2 No. of each type								
4	Pilot relay	2 No. of each type								
5	Actuator diaphragm	2 No. of each type								
6	O rings	4 Nos. of each size for positioner								
7	Feedback linkage	2 No. of each type								
	TOTAL									

NOTE: THE ACTUAL QUANTITY SHALL BE WORKED OUT DURING DETAILED ENGINEERING

20/07

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ANNEXURE 2

CV TEST CHARGES											
S. No.	ITEM DESCRIPTION		QUANTITY	FOR INDIAN BIDDERS (IN INR)			FOR FOREIGN BIDDERS				
	TAG NO.	SERVICE		UNIT EX- WORKS PRICE	TOTAL EX- WORKS PRICE	EXCISE DUTY with cess: NIL (REFER SCC CLAUSE NO. 27.0).	CST against form C/E1&E2 @% / VAT @.....% (As applicable)	SERVICE TAX@12.36%	TOTAL F.O.R. SITE PRICE	UNIT FOB PRICE (Currency:)	TOTAL FOB PRICE (Currency:)
CV TEST CHARGES											
1	ASV-8	D/A Pegging from Aux. Steam Header	1			NIL (REFER SCC CLAUSE NO. 27.0)					
2	CRHV-6	D/A Pegging from CRH Line	1								
3	CDV-22	Main Condensate Control	1								
4	CDV-39	GSC & CEP min. recirculation	1								
5	CDV-43	Excess Dump Control	1								
6	CDV-67	Condensate for SD F/T	1								
7	CDV-72	Condensate for Valve Gland Sealing	1								
8	DRV-2	HPH-7 Normal Drain to HPH-6	1								
9	DRV-5	HPH-7 Alt drain to HP Drain F/T	1								
10	DRV-15	HPH-6 Alt Drain to Deaerator	1								
11	DRV-18	HPH-6 Alt Drain to HP drain F/T	1								
12	DRV-28	LPH-3 Drain to LPH-2	1								
13	DRV-31	LPH-3 Drain to LP drain F/T	1								
14	DRV-34	LPH-2 Drain to LPH-1	1								
15	DRV-37	LPH-2 Drain to LP Drain F/T	1								
16	DRV-48	Deaerator Overflow	1								
17	DRV-53	HPH-8 Drain to HPH-7	1								
18	DRV-59	HPH-8 Drain to F/T	1								
19	DRV-65	LPH-4 Drain to LPH-3	1								
20	DRV-68	LPH-4 Alt Drain to LP drain F/T	1								
21	DMV-2	Low Capacity DM MU to Hotwell	1								
22	DMV-9	High Capacity DM MU to Hotwell	1								
23	FDV-14	Low Load Feed Control	1								
NOTE-											

NOTE-

A). CV TEST TO BE CONDUCTED FOR ONE PER TYPE PER SIZE, CV VALUE. TAG NOS. TO BE GROUPED ACCORDINGLY AND INDICATED.

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**BOQ CUM SUGGESTIVE PRICE FORMAT FOR CONTROL VALVE WITH ACCESSORIES
(PNEUMATICALLY OPERATED)**

SCHEDULE OF UNIT PRICES (OPTIONAL)

S. No.	CONTROL VALVES ACCESSORIES	FOR INDIAN BIDDERS	FOR FOREIGN BIDDERS
		Unit Ex-Works Price (IN INR)	Unit FOB Price (CURRENCY:)
1	SMART POSITIONER (EACH TYPE)		
2	VALVE TRIM OF EACH TYPE (Separate list to be attached if required)		
3	DIAPHRAGMS,O-RINGS,SEALS ETC OF ALL TYPE,MAKE ETC		
4	AIR FILTER REGULATORS		
5	AIR LOCK RELAY		
6	POSITION LIMIT SWITCH		
7	VOLUME BOOSTER		
8	SOLENOID VALVE		
9	E/P CONVERTER		
10	PRESSURE GAUGES OF EACH TYPE		
11	JUNCTION BOX (36 WAYS)		
12	HANDWHEEL		
13	ACTUATOR OF EACH TYPE (Separate list to be attached if required)		
14	BRASS FITTING FOR CONNECTION TO AIR FILTER REGULATOR		
15	BRASS FITTING FOR CONNECTION TO SOLENOID VALVE		
16	BRASS FITTINGS FOR CONNECTING TO AIR HEADER		
17	EQUAL BRASS TEE		
18	SS TUBING PER METRE		
19	SS CONNECTOR 1/2 INCH TO 1/4 INCH		
20	DIAGNOSTIC SOFTWARE		
21	UNIVERSAL HAND HELD CALIBRATOR		
22	DTM (DEVICE TYPE MANAGER) / DTD (DEVICE TYPE DESCRIPTION) FILES FOR ENGINEERING.		

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