

PRICE FORMAT FOR CONTROL VALVES (NON CRITICAL) FOR 2x 660 MW RAGHUNATHPUR TPP

ENQ No- PE/PG/RP2/E-4073/13 Dt:- 26.07.13

ANNEXURE-1

S.No	TAG NO	DESCRIPTION	UNIT QTY. (Nos.)	TOTAL QTY. (Nos.)	UNIT EX- WORKS PRICE (DULY PACKED) (Rs.)	TOTAL EX- WORKS PRICE (Rs.)	E.D (Rs.)	CST @...% AGAINST FORM "C" / VAT (Rs.)	FREIGHT CHARGES INCLUDING SERVICE TAX (as % of ex- works) (Rs.)	Service tax @...% (for item No. (F))	TOTAL F.O.R SITE PRICE (Rs.)
A											
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-10	CEP-A Minimum recirculation	1	2							
4	CDV-12	CEP-B Minimum recirculation	1	2							
5	CDV-14	CEP-C Minimum recirculation	1	2							
6	CDV-22	Main Condensate Control	1	2							
7	CDV-25	Main Condensate Control	1	2							
8	CDV-39	GSC Minimum flow recirculation	1	2							
9	CDV-43	Excess Return to CST	1	2							
10	CDV-67	Condensate spray for SD F/T	1	2							
11	CDV-72	Condensate for Valve Gland Sealing	1	2							
12	DRV-2	HPH-7A Normal Drain to HPH-6A	1	2							
13	DRV-8	HPH-7B Normal Drain to HPH-6B	1	2							
14	DRV-5	HPH-7A Alt Drain to HP Drain F/T	1	2							
15	DRV-11	HPH-7B Alt Drain to HP Drain F/T	1	2							
16	DRV-15	HPH-6A Normal Drain to Deaerator	1	2							
17	DRV-22	HPH-6B Normal Drain to Deaerator	1	2							

NIL
against
PAC

M. S. Chhabra
26.07.13

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ANNEXURE-1

S.No	TAG NO	DESCRIPTION	UNIT QTY. (Nos.)	TOTAL QTY. (Nos.)	UNIT EX- WORKS PRICE (DULY PACKED) (Rs.)	TOTAL EX- WORKS PRICE (Rs.)	E.D (Rs.)	CST @...% AGAINST FORM "C" / VAT (Rs.)	FREIGHT CHARGES INCLUDING SERVICE TAX (as % of ex- works) (Rs.)	Service tax @...% (for item No. (P))	TOTAL F.O.R SITE PRICE (Rs.)
18	DRV-18	HPH-6A Alt Drain to HP Drain F/T	1	2			NIL against PAC				
19	DRV-25	HPH-6B Alt Drain to HP Drain F/T	1	2							
20	DRV-28	LPH-3 Normal Drain to LPH-2	1	2							
21	DRV-31	LPH-3 Alt Drain to LP Drain F/T	1	2							
22	DRV-34	LPH-2 Normal Drain to LPH-1	1	2							
23	DRV-37	LPH-2 Alt Drain to LP Drain F/T	1	2							
24	DRV-48	Deaerator Overflow to LP Drain F/T	1	2							
25	DRV-53	HPH-8A Normal Drain to HPH-7A	1	2							
26	DRV-59	HPH-8B Normal Drain to HPH-7B	1	2							
27	DRV-56	HPH-8A Alt Drain to HP Drain F/T	1	2							
28	DRV-62	HPH-8B Alt Drain to HP Drain F/T	1	2							
29	DRV-65	LPH-4 Normal Drain to LPH-3	1	2							
30	DRV-68	LPH-4 Alt Drain to LP Drain F/T	1	2							
31	DMV-2	DM Normal Makeup to Hotwell	1	2							
32	DMV-9	DM Emergency Makeup to Hotwell	1	2							
33	03PGCI5A A101	DMCW SYSTEM	1	2							
TOTAL			33	66							

Maxhwar Walub
26.07.13

PRICE FORMAT FOR CONTROL VALVES (NON CRITICAL) FOR 2x 660 MW RAGHUNATHPUR TPP

ENQ No- PE/PG/RP2/E-4073/13 Dt:- 26.07.13

ANNEXURE-I

S.No	TAG NO	DESCRIPTION	UNIT QTY. (Nos.)	TOTAL QTY. (Nos.)	UNIT EX- WORKS PRICE (DULY PACKED) (Rs.)	TOTAL EX- WORKS PRICE (Rs.)	E.D (Rs.)	CST @...% AGAINST FORM "C" / VAT (Rs.)	FREIGHT CHARGES INCLUDING SERVICE TAX (as % of ex- works) (Rs.)	Service tax @...% (for item No. (F))	TOTAL F.O.R SITE PRICE (Rs.)	
B		1/4" PVC Coated Cu TUBING	600 METERS	1200 METERS			NIL against PAC					
		(i) Brass fitting for connection to air filter regulator	1 LOT	2 LOTS								
		(ii) BRASS FITTING FOR CONNECTION TO AIR LOCK.	1 LOT	2 LOTS								
		(iii) BRASS FITTING FOR CONNECTION TO IA HEADER ISOLATION VALVE	1 LOT	2 LOTS								
C	BRASS FITTINGS	(iv) BRASS EQUAL TEE	1 LOT	2 LOTS								
		BODY & BONNET GASKETS	ONE SET WITH EACH CONTROL VALVE TAG	TWO SETS WITH EACH CONTROL VALVE TAG								
		(SEPARATE SHEET WITH BREAK UP TO BE ATTACHED)										
		GLAND PACKINGS (SEPARATE SHEET WITH BREAK UP TO BE ATTACHED)	ONE SET WITH EACH CONTROL VALVE TAG	TWO SETS WITH EACH CONTROL VALVE TAG								
D	COMMISSIONING SPARES (Refer Annexure-II)											
E	DIAGNOSTIC SOFTWARE											
F	CV TEST CHARGES (Refer Annexure-III)											
G	MANDATORY SPARES (Refer Annexure-IV)											
	TOTAL PRICE i.e. SUM OF A TO F											

NIL
against
PAC

Morden Vashub
26.07.13

ANNEXURE-II FOR CONTROL VALVES (NON CRITICAL) FOR 2x 660 MW RAGHUNATHPUR TPP										
ENQ No- PE/PG/RP2/E-4073/13 Dt:- 26.07.13										
S.No	TAG NO	DESCRIPTION	UNIT QTY. (Nos.)	TOTAL QTY. (Nos.)	UNIT EX-WORKS PRICE (DULY PACKED) (Rs.)	TOTAL EX-WORKS PRICE (Rs.)	E.D (Rs.)	CST @...% AGAINST FORM "C" / VAT (Rs.)	FREIGHT CHARGES INCLUDING SERVICE TAX (as % of ex-works) (Rs.)	TOTAL F.O.R SITE PRICE (Rs.)
C Commissioning Spares										
1	ASV-8	D/A Pegging from Aux. Steam Header	One set with each control valve.	2			NIL against PAC			
2	CRHV-6	D/A Pegging from CRH Line	One set with each control valve.	2						
3	CDV-10	CEP-A Minimum recirculation	One set with each control valve.	2						
4	CDV-12	CEP-B Minimum recirculation	One set with each control valve.	2						
5	CDV-14	CEP-C Minimum recirculation	One set with each control valve.	2						
6	CDV-22	Main Condensate Control	One set with each control valve.	2						
7	CDV-25	Main Condensate Control	One set with each control valve.	2						
8	CDV-39	GSC Minimum flow recirculation	One set with each control valve.	2						
9	CDV-43	Excess Return to CST	One set with each control valve.	2						
10	CDV-67	Condensate spray for SD F/T	One set with each control valve.	2						
11	CDV-72	Condensate for Valve Gland Sealing	One set with each control valve.	2						
12	DRV-2	HPH-7A Normal Drain to HPH-6A	One set with each control valve.	2						
13	DRV-8	HPH-7B Normal Drain to HPH-6B	One set with each control valve.	2						
14	DRV-5	HPH-7A Alt Drain to HP Drain F/T	One set with each control valve.	2						
15	DRV-11	HPH-7B Alt Drain to HP Drain F/T	One set with each control valve.	2						
16	DRV-15	HPH-6A Normal Drain to Deaerator	One set with each control valve.	2						
17	DRV-22	HPH-6B Normal Drain to Deaerator	One set with each control valve.	2						
18	DRV-18	HPH-6A Alt Drain to HP Drain F/T	One set with each control valve.	2						
19	DRV-25	HPH-6B Alt Drain to HP Drain F/T	One set with each control valve.	2						
20	DRV-28	LPH-3 Normal Drain to LPH-2	One set with each control valve.	2						
21	DRV-31	LPH-3 Alt Drain to LP Drain F/T	One set with each control valve.	2						
22	DRV-34	LPH-2 Normal Drain to LPH-1	One set with each control valve.	2						
23	DRV-37	LPH-2 Alt Drain to LP Drain F/T	One set with each control valve.	2						
24	DRV-48	Deaerator Overflow to LP Drain F/T	One set with each control valve.	2						
25	DRV-53	HPH-8A Normal Drain to HPH-7A	One set with each control valve.	2						
26	DRV-59	HPH-8B Normal Drain to HPH-7B	One set with each control valve.	2						
27	DRV-56	HPH-8A Alt Drain to HP Drain F/T	One set with each control valve.	2						

Moxhar Walub
26.07.13

ANNEXURE-II FOR CONTROL VALVES (NON CRITICAL) FOR 2x 660 MW RAGHUNATHPUR TPP										
ENQ No- PE/PG/RP2/E-4073/13 Dt:- 26.07.13										
S.No	TAG NO	DESCRIPTION	UNIT QTY. (Nos.)	TOTAL QTY. (Nos.)	UNIT EX-WORKS PRICE (DULY PACKED) (Rs.)	TOTAL EX-WORKS PRICE (Rs.)	E.D (Rs.)	CST @...% AGAINST FORM "C" / VAT (Rs.)	FREIGHT CHARGES INCLUDING SERVICE TAX (as % of ex-works) (Rs.)	TOTAL F.O.R SITE PRICE (Rs.)
28	DRV-62	HPH-8B Alt Drain to HP Drain F/T	One set with each control valve.	2			NIL against PAC			
29	DRV-65	LPH-4 Normal Drain to LPH-3	One set with each control valve.	2						
30	DRV-68	LPH-4 Alt Drain to LP Drain F/T	One set with each control valve.	2						
31	DMV-2	DM Normal Makeup to Hotwell	One set with each control valve.	2						
32	DMV-9	DM Emergency Makeup to Hotwell	One set with each control valve.	2						
33	03PGC15AA101	DMCW SYSTEM	One set with each control valve.	2						
	TOTAL PRICE (COMMISSIONING SPARES)									

Manish Wahab
26.07.13

ANNEXURE-III FOR CONTROL VALVES (NON CRITICAL) FOR 2x 660 MW RAGHUNATHPUR TPP							
ENQ No- PE/PG/RP2/E-4073/13 Dt:- 26.07.13							
S.No	TAG NO	DESCRIPTION	UNIT QUANTITY (Nos.)	TOTAL QTY. (Nos.)	CV TEST CHARGES for total qty (Rs)	Service Tax on CV Test Charges (Rs.)	Total CV Test charges incld. S. Tax (Rs.)
E	CV Test Charges						
1	ASV-8	Deaerator Pegging from AS Header	One set with each control valve.	2			
2	CRHV-6	Deaerator Pegging from CRH Line	One set with each control valve.	2			
3	CDV-22,CDV-25	Main Condensate Control	One set with each control valve.	2			
4	CDV-10,CDV-12, CDV-14	CEP-A Minimum Recirculation	One set with each control valve.	2			
5	CDV-43	Excess Dump Control	One set with each control valve.	2			
6	CDV-39	GSC Min Flow Recirculation	One set with each control valve.	2			
7	CDV-67	Condensate for SD F/T	One set with each control valve.	2			
8	CDV-72	Condensate for Valve Gland Sealing	One set with each control valve.	2			
9	DRV-2,DRV-8	HPH-6A/6B Normal Drain to HPH-5A/5B	One set with each control valve.	2			
10	DRV-5, DRV-11	HPH-6A/6B Alt Drain to HP Drain F/T	One set with each control valve.	2			
11	DRV-15, DRV-22	HPH-5A/5B Normal Drain to Deaerator	One set with each control valve.	2			
12	DRV-18, DRV-25	HPH-5A/5B Alt Drain to HP Drain F/T	One set with each control valve.	2			
13	DRV-28	LPH-3 Normal Drain to LPH-2	One set with each control valve.	2			
14	DRV-31	LPH-3 Alt Drain to LP Drain F/T	One set with each control valve.	2			
15	DRV-34	LPH-2 Normal Drain to LPH-1	One set with each control valve.	2			
16	DRV-37	LPH-2 Alt Drain to LP Drain F/T	One set with each control valve.	2			
17	DRV-48	Deaerator Overflow to LP Drain F/T	One set with each control valve.	2			
18	DRV 53, DRV-59	HPH-8A/8B Normal Drain to HPH-7A/7B	One set with each control valve.	2			
19	DRV 56, DRV-62	HPH-8A/8B Alt Drain to HP Drain F/T	One set with each control valve.	2			
20	DRV-65	LPH-4 Normal Drain to LPH-3	One set with each control valve.	2			
21	DRV-68	LPH-4 Alt Drain to LP Drain F/T	One set with each control valve.	2			
22	DMV-40	DM Normal Makeup to Hotwell	One set with each control valve.	2			
23	DMV-63	DM Emergency Makeup to Hotwell	One set with each control valve.	2			
24	03PGC15AA101	DMCW SYSTEM	One set with each control valve.	2			
TOTAL FOR CV TEST CHARGES (Rs.)							

M. J. K. K. K.
26.07.13

PRICE FORMAT FOR CONTROL VALVES (NON CRITICAL) FOR 2x 660 MW RAGHUNATHPUR TPP

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ANNEXURE-IV

S.No	DESCRIPTION	QUANTITY	UNIT EX- WORKS PRICE (DULY PACKED) (Rs.)	TOTAL EX- WORKS PRICE FOR ONE UNIT (Rs.)	E.D.	CST / VAT @ 2% AGAINST FORM "C" (Rs.)	FREIGHT CHARGES (in % of ex-works) INCLUDING SERVICE TAX (Rs.)	TOTAL F.O.R SITE PRICE(Rs.)
A MANDATORY SPARES								
(i)	Position Feedback Transmitter	10% or 2 nos. for each type of CV whichever is more (1 lot)						
(ii)	Trim (Plug & stem assembly, seat rings, guide bushings etc.)	1 set for each type of valve. Cage is not applicable						
(iii)	Actuator Diaphragm	100% of each type, make etc.(1 lot)						
(iv)	Seals	100% of each type, make etc.(1 lot)						
(v)	O rings	100% of each type, make etc.(1 lot)						
(vi)	Pressure Guages of all types, make, rating etc.	10% or 2 nos. of each type whichever is more (1 lot)						
(vii)	Solenoid Valves	10% or 2 nos. of each type whichever is more(1 lot)						
(viii)	Positioner Unit	20% or 2 nos. of each type whichever is more(1 lot)						
(ix)	Pneumatic and electro-hydraulic actuator assembly	10% or 2 nos. for each type, model and rating whichever is more.(1 LOT)						
TOTAL FOR MANDATORY SPARES								

NIL
against
PAC

Myraha Vaidya
16.07.13