



2x660 MW ENNORE SEZ STPP

PRICE FORMAT FOR STEAM TRAPS (Enquiry No. : PE/PGEN1/E-5000/2015 DTD. 18/08/2015)

Sl. No.	Tag Nos	Type	Size (NB)	Service Description	Service	Design Pressure (Kg/cm ²)	Design Temp (deg C)	Operating Inlet Temp (deg C)	Operating Inlet Pressure (kg/cm ²)	Operating Inlet Pressure (A)	Operating Inlet Pressure (VAC)	Max. Condensate Rate (kg/hr)	Body Material	Body Nuts	Material	Pipe OD (mm)	Pipe Thickness (mm)	End Conn. with Removable Plug	Screwed	IBR Require	Total Main Quantity	Unit Ex. Works Price (Rs.)	Total Ex. Works Price (Rs.)	Excise Duty @...% incl. cess on self manufactured items only (Rs.)	CST/WAT @...% as applicable (Rs.)	Freight @...% incl. Service Tax (Rs.)	Total FOR Site Prices (Rs.)	Unit F.O.B. Prices (Currency)	Total F.O.B. Prices (Currency)																			
1	ASV-102, ASV-107, (EACH 2 NOS)	THERMOSTATIC STEAM TRAP	5	POWER CYCLE	INTERMITTENT	20	350	16	0.1 (VAC)	10	0.1 (VAC)	10	CS	SS	SS	33.4	4.55	SW	YES	YES	4	21	22-19*21	23	24	25	26-22+23+24+25	27	28-19*27																			
2	ASV-113, ASV-118, ASV-123, ASV-128, ASV-133, ASV-138, ASV-143 (EACH 2 NOS), CONTINGENCY - 10 NOS.	THERMOSTATIC STEAM TRAP	5	POWER CYCLE	INTERMITTENT	20	350	16	ATM	10	0.1 (VAC)	10	CS	SS	SS	33.4	4.55	SW	YES	YES	24																											
3	CRHV-137, CRHV-138, CRHV-139 (EACH 2 NOS)	THERMOSTATIC STEAM TRAP	5	POWER CYCLE	INTERMITTENT	15	400	12	0.1 (VAC)	10	0.1 (VAC)	10	CS	SS	SS	33.4	4.55	SW	YES	YES	6																											
4	CRHV-146 (EACH 2 NOS)	THERMOSTATIC STEAM TRAP	5	POWER CYCLE	INTERMITTENT	15	400	11.6	0.1 (VAC)	10	0.1 (VAC)	10	CS	SS	SS	33.4	4.55	SW	YES	YES	2																											
5	CRHV-151 (EACH 2 NOS), CONTINGENCY - 02 NOS.	THERMOSTATIC STEAM TRAP	5	POWER CYCLE	INTERMITTENT	15	400	12.64	0.1 (VAC)	10	0.1 (VAC)	10	CS	SS	SS	33.4	4.55	SW	YES	YES	4																											
6	EXV-107, EXV-113 (EACH 2 NOS)	THERMOSTATIC STEAM TRAP	5	POWER CYCLE	INTERMITTENT	15	400	13.62	0.1 (VAC)	10	0.1 (VAC)	10	CS	SS	SS	33.4	4.55	SW	YES	YES	4																											
7	CRHV-107, CRHV-121 (EACH 2 NOS), CONTINGENCY - 02 NOS.	THERMOSTATIC STEAM TRAP	5	POWER CYCLE	INTERMITTENT	73.1	360	59.94	0.1 (VAC)	10	0.1 (VAC)	10	CS	SS	SS	33.4	4.55	SW	YES	YES	6																											
8	DRV-42 (EACH 2 NOS)	INVERTED BUCKET STEAM TRAP	25	DRAIN LINE	CONTINUOUS	7/ VAC	110	95 (VAC)	0.1 (VAC)	300	0.1 (VAC)	300	CS	CS	CS	33.4	4.55	SW	YES	NO	2																											
9	DRV-41 (EACH 2 NOS)	EXTERNAL Y-TYPE STRAINER	25	DRAIN LINE	CONTINUOUS	7/ VAC	110	95 (VAC)	0.1 (VAC)	300	0.1 (VAC)	300	CS	CS	CS	33.4	4.55	SW	YES	NO	2																											
TOTAL																					54																											

NOTES:
 1. For detailed material of construction refer pages 2 and 3 of this Data Sheet-A.
 2. 5 - Bidder to offer minimum size of thermodynamic steam trap meeting the parameters mentioned in the above Data Sheet-A. Bidder to offer suitable matching pieces to match with connecting pipe size.
 3. Painting: Hot resistant aluminum paint to IS-13183 Gr. II (for temp. 400 deg C-600 deg C), IS-13183 Gr. III (for temp. 200 deg C-400 deg C), IS-13183 Gr. IV (for temp. 100 deg C-200 deg C).
 4. Packing: Hot resistant aluminum paint to IS-13183 Gr. II (for temp. 400 deg C-600 deg C), IS-13183 Gr. III (for temp. 200 deg C-400 deg C), IS-13183 Gr. IV (for temp. 100 deg C-200 deg C).
 5. Socket Welding (SW) will be as per ASME-B16.11.
 6. CS-Carbon Steel, AS-Alloy Steel, SS-STAINLESS STEEL

7. Evaluation shall be done batchwise L-1 basis (Total cost to BHEL for particular batch). Batches (A, B & C) are defined in Column 20.

Blank box for stamp/signature.

Bidders Sign & stamp

Signature
18/08/15