



## PRE - QUALIFYING REQUIREMENTS

ENQUIRY NO: PE/PG/EN1/E-5000/2015

PROJECT: 2X660 MW ENNORE SEZ STPP

PACKAGE: STEAM TRAPS

### CRITERIA FOR EVALUATION - FINANCIAL :

Average annual financial turnover during the last 3 years, ending 31<sup>st</sup> March of the previous financial year, should not be less than the total turnover required as per Annexure I against each Batch/Batches quoted by the bidder

#### Notes:-

a) The bidder has to submit financial accounts (audited, if applicable), for last three years (or from the date of incorporation, whichever is less) as on tender due date to review the above criteria. In case the incorporation of vendor is less than 3 years, average annual financial turnover shall be calculated based on available information as below:-

i) If the accounts are available for  $\leq 1$  Financial Year, the Average Annual Turnover shall be calculated based on available information divided by 1 (One).

ii) If the accounts are available for  $>1$  but  $\leq 2$  Financial Years, the Average Annual Turnover shall be calculated based on available information divided by 2 (Two).

iii) If the accounts are available for  $>2$  but  $\leq 3$  Financial Years, the Average Annual Turnover shall be calculated based on available information divided by 3 (Three).

b) Foreign bidder is to submit a latest report from reputed third party business rating agency like Dun & Bradstreet, Credit reform etc. in addition to the documents mentioned at point (a) above for review of above criteria.

c) Other Income shall not be considered for arriving at Annual Turnover/Sales.

d) For evaluation of foreign bidder, exchange rate (TT selling rate of SBI) as on scheduled date of tender opening (Part-I bid in case of two part bid) shall be considered.

**ANNEXURE I**

**2x660 MW ENNORE SEZ STPP-STEAM TRAPS**



SL. NO.	TAG NOS	TYPE	SIZE (NB)	SERVICE DESCRIPTION	SERVICE	DESIGN PRESURE ( KG/CM2( g)	DESIGN TEMP( deg C)	OPERATING INLET OF TRAP (Kg/cm2) (A)	OPERATING D/S OF TRAP (Kg/cm2) (A)	MAX. CONDESA TE RATE (KG/HR)	BODY	MATE RIAL BODY INTER NALS	PIPE OD (MM)	PIPE THICKN ESS (MM)	END CON N	SCREWED BLOW OFF CONN. WITH REMOVABLE PLUG	IBR REQUIRE D	TOTAL MAIN QUANTITY (Nos.)	TURNOVER REQUIRED (IN INR)				
<b>BATCH A: VALVES AT SL NO 1 TO 6</b>																							
1	ASV-102, ASV-107, (EACH 2NOS)	THERMOSTATIC STEAM TRAP	\$	POWER CYCLE	INTERMITTENT	20	350	16	0.1 (VAC)	10	CS	SS	33.4	4.55	SW	YES	YES	4	<b>400000</b>				
2	ASV-113, ASV-118, ASV-123, ASV-128,ASV-133,ASV-138,ASV-143 (EACH 2 NOS), CONTIGENCY - 10 NOS.	THERMOSTATIC STEAM TRAP	\$	POWER CYCLE	INTERMITTENT	20	350	16	ATM	10	CS	SS	33.4	4.55	SW	YES	YES	24		<b>400000</b>			
3	CRHV-127, CRHV-133, CRHV-139(EACH 2NOS)	THERMOSTATIC STEAM TRAP	\$	POWER CYCLE	INTERMITTENT	15	400	12	0.1 (VAC)	10	CS	SS	33.4	4.55	SW	YES	YES	6			<b>400000</b>		
4	CRHV-145(EACH 2NOS)	THERMOSTATIC STEAM TRAP	\$	POWER CYCLE	INTERMITTENT	15	400	11.6	0.1 (VAC)	10	CS	SS	33.4	4.55	SW	YES	YES	2				<b>400000</b>	
5	CRHV-151 (EACH 2NOS),CONTIGENCY-02 NOS.	THERMOSTATIC STEAM TRAP	\$	POWER CYCLE	INTERMITTENT	15	400	12.64	0.1 (VAC)	10	CS	SS	33.4	4.55	SW	YES	YES	4					<b>400000</b>
6	EXV-107,EXV-113(EACH 2NOS)	THERMOSTATIC STEAM TRAP	\$	POWER CYCLE	INTERMITTENT	15	400	13.82	0.1 (VAC)	10	CS	SS	33.4	4.55	SW	YES	YES	4					
<b>BATCH B: VALVES AT SL NO 7</b>																							
7	CRHV-107,CRHV-121(EACH 2 NOS),CONTIGENCY-02 NOS.	THERMOSTATIC STEAM TRAP	\$	POWER CYCLE	INTERMITTENT	73.1	360	59.94	0.1 (VAC)	10	CS/AS**	SS	33.4	4.55	SW	YES	YES	6	<b>100000</b>				
<b>BATCH C: VALVES AT SL NO 8 &amp; 9</b>																							
8	DRV-42 (EACH 2NOS)	INVERTED BUCKET STEAM TRAP	25	DRAIN LINE	CONTINUOUS	7/ VAC	110	.95 (VAC)	0.1 (VAC)	300	CS	SS	33.4	4.55	SW	YES	NO	2	<b>33000</b>				
9	DRV-41 (EACH 2NOS)	EXTERNAL Y-TYPE STRAINER	25	DRAIN LINE	CONTINUOUS	7/ VAC	110	.95 (VAC)	0.1 (VAC)	300	CS	CS	33.4	4.55	SW	YES	NO	2		<b>33000</b>			

1. For detailed material of construction refer pages 2 and 3 of this DataSheet-A.  
 2. \$ - Bidders to offer minimum size of thermodynamic steam trap meeting the parameters mentioned in the above Datasheet-A.Bidder to offer Suitable matching pieces to match with connecting pipe size.  
 3.\*\* Bidder can quote for either of above mentioned body material in such a manner that all the parameters in above Data sheet-A meet out in totality.  
 4. Painting: Heat resistant aluminium paint to IS-13183 Gr.I (for temp. 400 deg C-600 deg C) ,IS-13183 Gr.II (for temp. 200 deg C-400 deg C),Total DFT-Min. 40 microns.  
 5. Socket Welding (SW) will be as per ASME-B16.11.  
 6. CS:Carbon Steel, AS: Alloy Steel,SS-STAINLESS STEEL