

ANNEXURE-A. PRICE FORMAT FOR STEAM TRAPS FOR 2X660MW IB TPS, BANHARPALLI UNITS 3 & 4
 PEP/JOI/E-47/48/2015 dated 27.03.2015

FOR INDIAN BIDDERS (IN INR)													FOR FOREIGN BIDDERS																																	
Sl. No.	Tag Nos	Type	Size (mm)	Service Description	Service	Design Pressure (KMPa)	Design Temp (C)	Operating Wt of Trap (kgwt)	Operating Dis of Trap (kgwt)	Max. Condensate Rate (kg/hr)	Body	Material Body	Pipe OD (mm)	Pipe Thickness (mm)	End Conn	Blow Off Connection	Min Required	Total Quantity	Ex-works Price including Packing & Forwarding (Rs.)	Total Ex-works Price including Packing & Forwarding (Rs.)	Excise Duty @ 10% (for self manufactured items only) (Rs.)	CST/VAT @ 2% (for self manufactured items only) (Rs.)	Freight including Service Tax @ 10% of Ex-works Price (Rs.)	TOTAL F.O.R. S&E Price (Rs.)	Unit FOB Price (Currency)	Total FOB Price (Currency)																				
1	MAIN ITEMS																																													
1	ASV-102, ASV-107, ASV-123, ASV-128, ASV-133, ASV-143, ASV-173, ASV-188 (EACH 2 NOS) CONTINGENCY 1 NOS	THERMODYNAMIC STEAM TRAP	15	POWER CYCLE	INTERMITTENT	55	427	16	0.1 (VAC)	10	SS	SS	33	4.55	SW	YES-PLUGGED	YES	17																												
2	ASV-113, ASV-118, ASV-138, ASV-148, ASV-178, ASV-208 (EACH 2 NOS) CONTINGENCY 1 NOS	THERMODYNAMIC STEAM TRAP	15	POWER CYCLE	INTERMITTENT	55	427	16	ATM	10	SS	SS	33	4.55	SW	YES-PLUGGED	YES	13																												
3	CRHV-127, CRHV-133, CRHV-139, CRHV-145, CRHV-191, EXV-107, EXV-108 (EACH 2 NOS) CONTINGENCY 1 NOS	THERMODYNAMIC STEAM TRAP	15	POWER CYCLE	INTERMITTENT	55	427	13.17	0.1 (VAC)	10	SS	SS	33	4.55	SW	YES-PLUGGED	YES	15																												
4	CRHV-107, CRHV-114, CRHV-121 (EACH 2 NOS) CONTINGENCY 1 NOS	THERMODYNAMIC STEAM TRAP	3	POWER CYCLE	INTERMITTENT	66.3	360	55.9	0.1 (VAC)	10	AS	SS	33	4.55	SW	YES-PLUGGED	YES	7																												
5	DRV-42 (EACH 2 NOS)	INVERTED BUCKET STEAM TRAP	3	DRAIN LINE	CONTINUOUS	71 VAC	427	95 (VAC)	0.1 (VAC)	300	CS	SS	88	5.48	SW	YES-PLUGGED	NO	2																												
6	DRV-41 (EACH 2 NOS)	EXTERNAL Y-TYPE STRAINER	3	DRAIN LINE	CONTINUOUS	71 VAC	427	95 (VAC)	0.1 (VAC)	300	CS	CS	33	4.55	SW	YES-PLUGGED	NO	2																												
TOTAL VALUE-A (MAIN ITEMS)																																														

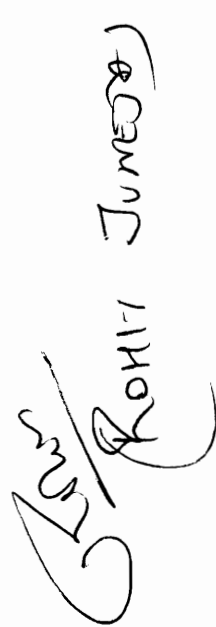
[Signature]
 Rohit Juneja

ANNEXURE-A, PRICE FORMAT FOR STEAM TRAPS FOR 2X660MW IB TPS, BANHARPALLI UNITS 3 & 4

PE/PG/JP/1/E-4748/2015 dated 27.03.2015										FOR INDIAN BIDDERS (IN INR)										FOR FOREIGN BIDDERS								
SL. NO.	TAQ NOS	TYPE	SIZE (NB)	SERVICE DESCRIPTION	SERVICE	DESIGN PRESSURE (KMPA)	DESIGN TEMPERATURE (°C)	OPERATING INLET OF TRAP (KMPA)	OPERATING DIS OF TRAP (KMPA)	MAX. CONCRETE RATE (KMPA)	BODY	MATERIAL BODY	PIPE OD (MM)	PIPE THICKNESS (MM)	END CONN.	BLOW OFF CONNECTION	WIR REQUIRED	TOTAL QUANTITY FOR 2 UNITS (MAN)	Ex-works Price including Packing/ Forwarding (Rs.)	Total Ex-works Price including Forwarding (Rs.)	Excise Duty @ 12% (for set manufactured items only) (Rs.)	CST/AT @ 4% whichever is applicable against Form (Rs.)	Freight including Service Tax @ 12% of Ex-works Price (Rs.)	TOTAL F.O.B. Site Price (Rs.)	Unit FOB Price (Currency)	Total FOB Price (Currency)		
B MANDATORY SPARES (REFER NOTE NO.6.0)																												
1	ASV-102, ASV-107, ASV-123, ASV-126, ASV-141, ASV-143, ASV-173, ASV-188 (EACH 2 NOS) CONTINGENCY 1 NOS	THERMODYNAMIC STEAM TRAP	15	POWER CYCLE	INTERMITTENT	55	427	16	0.1 (VAC)	10	SS	SS	33	4.55	SW	YES-PLUGGED	YES	2										
2	ASV-113, ASV-118, ASV-138, ASV-148, ASV-179, ASV-208 (EACH 2 NOS) CONTINGENCY 1 NOS	THERMODYNAMIC STEAM TRAP	15	POWER CYCLE	INTERMITTENT	55	427	16	ATM	10	SS	SS	33	4.55	SW	YES-PLUGGED	YES	2										
3	CRHV-127, CRHV-133, CRHV-139, CRHV-145, CRHV-151, EXV-107, EXV-113 (EACH 2 NOS) CONTINGENCY 1 NOS	THERMODYNAMIC STEAM TRAP	15	POWER CYCLE	INTERMITTENT	55	427	13.17	0.1 (VAC)	10	SS	SS	33	4.55	SW	YES-PLUGGED	YES											
4	CRHV-107, CRHV-114, CRHV-121 (EACH 2 NOS) CONTINGENCY 1 NOS	THERMODYNAMIC STEAM TRAP	3	POWER CYCLE	INTERMITTENT	66.3	360	55.9	0.1 (VAC)	10	AS	SS	33	4.55	SW	YES-PLUGGED	YES	2										
5	DRV-42 (EACH 2 NOS)	INVERTED BUCKET STEAM TRAP	3	DRAIN LINE	CONTINUOUS	71(VAC)	427	95 (VAC)	0.1 (VAC)	300	CS	SS	88	5.48	SW	YES-PLUGGED	NO	2										
6	DRV-41 (EACH 2 NOS)	EXTERNAL STRAINER	3	DRAIN LINE	CONTINUOUS	71(VAC)	427	95 (VAC)	0.1 (VAC)	300	CS	CS	33	4.55	SW	YES-PLUGGED	NO	2										
TOTAL VALUE (MANDATORY SPARES)																												

NOTES:

1. All dimensions are in millimeters unless otherwise specified.
2. 5° Bidders to offer minimum size of thermodynamic steam trap meeting the parameters mentioned in the above Data sheet. A Bidder to offer suitable matching pipe to match with connecting pipe size.
3. Flange to be as per minimum pipe size BS 1593 G1. TOTAL DPT-60 MICRONS.
4. Flange to be as per minimum pipe size BS 1593 G1. TOTAL DPT-60 MICRONS.
5. CS Carbon Steel AS, Alloy Steel, SS STAINLESS STEEL.
6. Mandatory spare consist of complete trap.
7. All technical and quality requirement will be as per technical MOU TECH SPEC No. PETS 699-100-MTD and MOU No. PWPEC/MND/UST/68.02.03.2013.
8. It must be noted that strainer screen of trap will be of SS 316 (20 mesh).


 Rohini Juneja