

2 X 500 MW NEW NEYVELI TPP -TG

PRICE FORMAT OF CONDENSER ONLOAD TUBE CLEANING SYSTEM (COLTCS)

Sr. NO	DESCRIPTIONS OF WORKS OR EQUIPMENT	QTY	UNIT	INDIGENOUS BIDDER (INR)						FOR FOREIGN BIDDERS			
				UNIT PRICE EX- WORKS (DULY PACKED) (Rs.)	TOTAL PRICE EX-WORKS (DULY PACKED) (Rs.)	EXCISE DUTY with cess: NIL (REFER SCC CLAUSE NO. 10.A).	CST against form C/E1&E2 @ .....% / VAT @ .....% (As applicable)	SERVICE TAX	FREIGHT CHARGES (Including Service tax on freight@ .....% (applicable rate)-to be quoted as % of Ex-Works	TOTAL F.O.R. SITE PRICE (Rs.)	UNIT FOB PRICE (Currency)	TOTAL FOB PRICE (Currency)	
1.0	Total price for design, manufacture, assembly, inspection, testing, packing for transportation and delivery, including final check up of installation, commissioning, trial run and PG testing of FOUR (4) sets of COLTCS complete in all respect including all accessories & auxiliaries as specified in technical specification and as necessary including mandatory spares, commissioning spares of COLTCS including commission balls and special tools & tackles (as required) for erection & maintenance.	4	Sets			NIL AS PER SCC							
Break up of 1.0 (from 1.1 to 1.4)													
1.1	Total price for design, manufacture, inspection and testing, packing and delivery of COLTCS for one set complete with all accessories except for clause no. 1.2 & 1.3 below.	4	Sets					NA					
1.2	Lump sum price for following activity	4	Sets										
1.2 a)	Installation checks & Commissioning	4	Sets						NA				
1.2 b)	PG test	4	Sets						NA				
1.3	Price of Mandatory Spares as per Annexure-A	1	lots										
1.4	Recommended spares : Item-wise break up with item-wise price to be given as per "Schedule of Recommended Spares" enclosed under Vol. III of technical specification.												
Note:-	Recommended spares are only for reference. These are not to be considered for evaluation and ordering purpose at present. These may be used for future ordering if required.												

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PRICE FORMAT OF CONDENSER ONLOAD TUBE CLEANING SYSTEM (COLTCS) - MANDATORY SPARES

ANNEXURE-A

S.NO	SPARE DESCRIPTION	UNIT	QTY FOR TWO UNITS	FOR INDIGENOUS BIDDERS				FOR FOREIGN BIDDERS		
				UNIT PRICE EX-WORKS (DULY PACKED) (Rs.)	TOTAL PRICE EX-WORKS (DULY PACKED) (Rs.)	EXCISE DUTY with cess: NIL (REFER SCC CLAUSE NO. 18.A).	CST against form C/E1&E2 @.....% / VAT @.....% (As applicable)	FREIGHT CHARGES (Including Service tax on freight@.....% (applicable rates)-to be quoted as % of Ex-Works	TOTAL F.O.R. SITE PRICE (Rs.)	UNIT FOB PRICE (Currency)
1.00	Sponge Balls	Charges	50 Charges (1,22,000 Balls)							
2.00	Abrasive Balls	Charges	20 Charges (48,800 Balls)							
3.00	Worm gear assembly for Ball separator Screen	Set	1 Set							
4.00	Ball Separator Screen	Set	1 Set							
5.00	DP Measuring System									
5.10	Connecting Board	No.	1 No.							
5.20	O Ring	No.	1 No.							
5.30	Micro Switch Assembly	Set	1 Set							
5.40	DPG									
5.4.1	Glass Window	No.	1 No.							
5.4.2	Gasket	No.	1 No.							
5.4.3	Pointer	No.	1 No.							
6.00	Ball recirculating pump for tube cleaning system									
6.10	Rotating Assembly	Set	1 Set (Rotating Assembly consists of all the rotating parts except bearings)							
6.20	Shaft with sleeves	Set	1 Set							
6.30	Wearing Rings (if applicable)	Set	1 Set							
6.40	Bearings	Set	1 Set							
6.50	Impeller	No.	1 No.							
6.60	Ball recirculating pump motor	No.	1 No.							
6.70	Bearings for recirculating pump motor	Set	1 Set							
7.00	Diff. Pr. Transmitter of each type	Nos.	2 Nos.							
8.00	Diff. Pr. Indicators of each type	Nos.	2 Nos.							
9.00	Pressure Gauges of each type	Nos.	2 Nos.							
10.00	Ball counter of each type	Nos.	2 Nos.							
11.00	Valves, of each type	Nos.	2 Nos.							
12.00	Diff. Switches of each type	Nos.	2 Nos.							
13.00	Motor operated valves and actuators	Set	2 Sets							
14.00	PLC cards (All types of cards/modules of PLC including CPU, power supply modules, interface modules, converter modules, I/O modules, relays, MCBs, fuses, terminal blocks, converters etc.)	%	10.00							
15.00	Power Supply unit of each type	%	10.00							
16.00	Graphic Interface Unit of each type	No.	1.00							
17.00	Cooling Fan in PLC system/Cabinet	Nos.	2.00							
TOTAL						NIL				

Note:

- In case the description / nomenclature of any of the items of spares/tools and tackles is differing from the description / nomenclature indicated in the list of mandatory spares/tools and tackles, the bidder shall offer functionally equivalent part in lieu of the listed item.
- In case if such items of spares indicated as "not applicable", are found applicable at a later date during execution of the project, such items of spares are to be supplied within the ordered cost of the mandatory spares.
- If any of the items of spares ordered is found to be not applicable during detailed engineering stage/execution stage, the contractor shall have to supply alternative items of spares. The alternative items of spares are to be mutually agreed between BHEL and Vendor.
- Wherever % is indicated for the mandatory spares, the quantity shall be calculated for % of supply for total quantity for 2 units of 2 x 500 MW, unless otherwise specified. The quantity to be reckoned for % indicated shall be rounded off to the next higher whole number. For example if the % arrived is 0.2 the quantity to be supplied shall be 1 and if the % arrived is 5.1 the quantity to be supplied shall be 6.
- In respect of quantity mentioned as 'Set' means the total quantity of all the components/items used in particular equipment unless otherwise specified.

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