

TENDER SPECIFICATION

BHEL: PSSR: NCTPS Stage III: HVAC:SCT87

FOR

Overhauling and rectification works along with supply of required materials and consumables for readiness of CCR AC system at North Chennai 1x800MW TPS, ATHIPATTU, CHENNAI-120

PRICE BID



CONTENTS

DESCRIPTION	NO OF PAGES
PART A – Instruction to bidders	01
PART B – Format to quote total amount	02
PART C – Bill of quantities with weightage for the amount of each items with respect to the total quoted price	03

PART A

Instruction to Bidders:

1. The quantity indicated in the BOQ / Price bid (Part C) is approximate only and is liable for variation. Payment will be as per actual quantity executed as certified by BHEL Engineer.
2. Price Bid is to be quoted by the bidder and the successful bidder against this quote will be awarded the contract.
3. Bidders shall quote 'Total Amount' in the "Price Bid Form"
4. The above mentioned 'Lump sum amount' is for the entire Bill of Quantity (BOQ) given in Part -C of the Price Bid.
5. Any other entry elsewhere in the price bid shall be treated as Null and Void.
6. The quantities given in the price bid are tentative and may change to any extent (both in plus side and minus side). The derived item rates (as mentioned above) for individual items shall remain firm irrespective of any variations in the individual quantities

Part B: Format to Quote Total Amount

Tender Specification: BHEL: PSSR: NCTPS Stage III: HVAC:SCT87

- Overhauling and rectification works along with supply of required materials and consumables for readiness of CCR AC system at North Chennai 1x800MW TPS, ATHIPATTU, CHENNAI-120

Lump Sum Amount for the entire Bill of Quantities (BOQ)
given in Part C -

Quoted

Not Quoted

Quoted Amount in Words :

Date :

Signature of Bidder:

PART - C

BILL OF QUANTITIES

Scope of Work: Overhauling and rectification works along with supply of required materials and consumables for readiness of CCR AC system at North Chennai 1x800MW TPS, ATHIPATTU, CHENNAI-120

SL NO.	Description of Works	UOM	Qty.	Rate/UOM	Total Ex-Work Amount
1.	2 nos Chiller Shells dismantling and erection of 2 nos New Chiller Shells and shifting of damaged chiller Shells to Stores.	LUMPSUM	1	--	
2.	Mechanical and Electrical works during repair works of 02 Nos. Chillers (Manpower Support)	LUMPSUM	1	--	
3.	Gland Leak arrest of all gate Valve(Piping) associated with CCR AC system	LUMPSUM	1	--	
4.	Painting of pipes Lines 1.Chiller Plant Room-, 2.Cooling Tower Lines , 3. Equilizer pipe line, 4.Drain Lines , 5. Structures(where ever applicable)	LUMPSUM	1	--	
5.	Cleaning of 02 Nos. Cooling Towers including replacement of Gear Box Oil	LUMPSUM	1	--	
6	Cleaning of Make-up water Tank(02) and expansion tank (01)	LUMPSUM	1	--	
7.	Cleaning of pre-filters of 05 Nos. AHU and Strainer (03 Nos.)	LUMPSUM	1	--	
8.	Servicing of 04 Nos. Pumps(Make: Wilo, Model No: SCP 100-360) including replacement of bearings, bolts, Gaskets,nuts etc.	Nos.	4*		
9	Replacement of cooling tower, Makeup tank Drain lines of 50 NB dia.at TG 32 Mtr.(GI Pipe) and drain lines in the chiller Room(GI Pipe)	Mtr.	100*		
10	Flushing of Condenser and Chiller lines of AC System	LUMPSUM	1	--	
11.	Replacement of Strainer(200 NB) of Cooling tower discharge and Header Lines	LUMPSUM	1	--	
12	Installation of instruments in the Make-up water tank (High Level Switches-04 and Low Level Switches-04 Nos.)	LUMPSUM	1	--	
13	Leak Arrest in 01 Nos. Make-up Water Tank and Fixing of 01 No Dummy Flange in equalizer line	LUMPSUM	1	--	
14	Replacement of Drain Line Ball Valve	Qty.	2		
15	Replacement of Strainer DP instruments Pipes	Mtr.	50*		
16	Nipple Socket Welding for discharge Pressure gauge fixing along with ball Valve	Qty.	4		
17	Overall greasing of all valves and Pumps	LUMPSUM	1	--	
18	Roof OF CCR(Tank & Cooling tower Area) and HVAC Room scrap removal and soil removal(slurry)	LUMPSUM	1	--	
TOTAL					

Note: * marked quantities are variable in nature(per unit rate will be considered upon completion of works)