



**5 X 800MW YADADRI TPS
AIR CONDITIONING SYSTEM
LIST OF DOCUMENTS TO BE SUBMITTED WITH
BID**

SPECIFICATION No: PE-TS-417-553-A001

SECTION : III

SUB-SECTION : 2

REV: 00

SHEET 1 OF 1

**BIDDER SHOULD SUBMIT THE SIGNED AND STAMPED COPY OF THE
FOLLOWING DOCUMENTS:**

1. Compliance cum confirmation certificate
2. Guaranteed power consumption
3. Un priced format for main package
4. Un priced format for mandatory spare
5. Deviation schedule /No deviation certificate in attached format 'Deviation sheet (Cost of withdrawal)'.
6. Pre bid clarification schedule



5X800 MW YADADRI TPS

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SECTION : III

**AIR CONDITIONING SYSTEM
COMPLIANCE CUM CONFIRMATION
CERTIFICATE**

SUB-SECTION : 3

REV. NO. 00

DATE: JUNE 2020

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COMPLIANCE CUM CONFIRMATION CERTIFICATE

The bidder shall confirm compliance with following by signing / stamping this compliance certificate (every sheet) and furnish same with the offer.

- a) The scope of supply, technical details, construction features, design parameters etc. shall be as per technical specification & there are no exclusions, other than those mentioned under "exclusion and those resolved as per 'Schedule of Deviations', with regard to same.
- b) There are no other deviations w.r.t. specifications other than those furnished in the 'Schedule of Deviations'. Any other deviation, stated or implied, taken elsewhere in the offer stands withdrawn unless specifically brought out in the 'Schedule of Deviations'
- c) Bidder shall submit QP in the event of order based on the guidelines given in the specification & QP enclosed therein. QP will be subject to BHEL / CUSTOMER approval & customer hold points for inspection / testing shall be marked in the QP at the contract stage. Inspection / testing shall be witnessed as per same apart from review of various test certificates/ Inspection records etc. This is within the contracted price without any extra implications to BHEL after award of the contract.
- d) All drawings/ data-sheets / calculations etc. submitted along with the offer shall not be taken cognizance off.
- e) The offered materials shall be either equivalent or superior to those specified in the specification & shall meet the specified / intended duty requirements. In case the material specified in the specifications is not compatible for intended duty requirements then same shall be resolved by the bidder with BHEL during the pre-bid discussions, otherwise BHEL / Customer's decision shall be binding on the bidder whenever the deficiency is pointed out.

For components where materials are not specified, same shall be suitable for intended duty, all materials shall be subject to approval in the event of order.

- f) The commissioning spares shall be supplied on 'As Required Basis' & prices for same included in the base price itself.
- g) All sub vendors shall be subject to BHEL / CUSTOMER approval in the event of order.
- h) Guarantee for plant/equipment shall be as per relevant clause of GCC / SCC / Other Commercial Terms & Conditions
- i) In the event of order, all the material required for completing the job at site shall be supplied by the bidder within the ordered price even if the same are additional to approved billing break up, approved drawing or approved Bill of quantities within the scope of work as tender specification. This clause will apply in case during site commissioning, additional requirements emerges due to customer and / or consultant's comments. No extra claims shall be put on this account



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**VENTILATION SYSTEM
COMPLIANCE CUM CONFIRMATION
CERTIFICATE**

- j) Schedule of drawings submissions, comment incorporations & approval shall be as stipulated in the specifications. The successful bidder shall depute his design personnel to BHEL's / Customer's / Consultant's office for across the table resolution of issues and to get documents approved in the stipulated time.
- k) As built drawings shall be submitted as and when required during the project execution.
- l) The bidder has not tempered with this compliance cum confirmation certificate and if at any stage any tempering in the signed copy of this document is noticed then same shall be treated as breach of contract and suitable actions shall be taken against the bidder.
- m) Successful bidder shall furnish detailed erection manual for each of the equipment supplied under this contract at least 3 months before the scheduled erection of the concerned equipment / component or along with supply of concerned equipment / component whichever is earlier.
- n) Document approval by customer under Approval category or information category shall not absolve the vendor of their contractual obligations of completing the work as per specification requirement. Any deviation from specified requirement shall be reported by the vendor in writing and require written approval. Unless any change in specified requirement has been brought out by the vendor during detail engineering in writing while submitting the document to customer for approval, approved document (with implicit deviation) will not be cited as a reason for not following the specification requirement.
- o) In case vendor submits revised drawing after approval of the corresponding drawing, any delay in approval of revised drawing shall be to vendor's account and shall not be used as a reason for extension in contract completion.



5X800 MW YADADRI TPS

AIR CONDITIONING SYSTEM
PRE-BID CLARIFICATION SCHEDULE

SPECIFICATION No: PE-TS-417-553-A001

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PRE-BID CLARIFICATION SCHEDULE

S. NO.	SECTION/CLAUSE/PAGE NO.	STATEMENT OF THE REFERRED CLAUSE	CLARIFICATION REQUIRED

The bidder hereby clarifies that above mentioned are the only clarifications required on the technical specification for the subject package.

Signature: _____

Name: _____

Designation: _____

Company: _____

Date: _____

Company Seal



**5 X 800 MW YADADRI TPS
AC SYSTEM
NO DEVIATION CERTIFICATE**

SPECIFICATION No: PE-TS-417-553-A001

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SUB-SECTION : 5

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DEVIATION SHEET (COST OF WITHDRAWAL)

(REFER GCC FOR THE FORMAT FOR DEVIATION SCHEDULE)



**5x800MW YADADRI TPS
AIR CONDITIONING SYSTEM
GUARANTEE POWER CONSUMPTION**

SPECIFICATION No: PE-TS-417-553-A001

SECTION : III

SUB-SECTION : 6

REV. NO. 00

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**GUARANTEED AUXILIARY POWER CONSUMPTION
(FOR MAIN PLANT PACKAGE EXCEPT FOR SWITCHYARD AREA)
ANNEXURE- 1**

S.NO.	DESCRIPTION OF EQUIPMENT	NO OF EQUIPMENT		TOTAL GUARANTEED POWER CONSUMPTION FOR EACH EQUIPMENT AT MOTOR INPUT TERMINAL AND CONTROL PANEL (IN KW)	TOTAL KW
		WORKING	STANDBY		
1	2	3A	3B	4	5=3Ax4
1	AC PLANT FOR MAIN CONTROL ROOM AREAS PH-Unit # 1 & 2 (AC Plant - 1)				
1.1	Screw Chiller	1	1		
1.2	AHU's fans for Main control room located at 24Mtr	4	2		
1.3	Fresh air fans for above AHU room.	1	0		
1.4	AHU's fans for UPS room located at 32.5Mtr	2	2		
1.5	Fresh air fans for above AHU room.	1	0		
1.6	Chilled water pumps	1	1		
1.7	Condenser water pumps	1	1		
1.8	Cooling Tower located at 32.5Mtr.	1	1		
1.9	Water Softening Plant	1	1		
1.10	Cassette AC's for battery charger room	6	6		
2	AC PLANT FOR MAIN CONTROL ROOM AREAS PH-Unit # 3 & 4 (AC Plant - 2)				
2.1	Screw Chiller	1	1		
2.2	AHU's fans for Main control room located at 24Mtr	4	2		
2.3	Fresh air fans for above AHU room.	1	0		



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2.4	AHU's for UPS room located at 32.5Mtr	2	2		
2.5	Fresh air fans for above AHU room.	1	0		
2.6	Chilled water pumps	1	1		
2.7	Condenser water pumps	1	1		
2.8	Cooling Tower located at 32.5Mtr.	1	1		
2.9	Water Softening Plant	1	1		
2.10	Cassette AC's for battery charger room	6	6		
3	AC PLANT FOR MAIN CONTROL ROOM AREAS PH Unit # 5 (AC Plant -3)				
3.1	Screw Chiller	1	1		
3.2	AHU's fans for Main control room located at 24Mtr	4	2		
3.3	Fresh air fans for above AHU room.	1	0		
3.6	Chilled water pumps	1	1		
3.7	Condenser water pumps	1	1		
3.8	Cooling Tower located at 32.5Mtr.	1	1		
3.9	Water Softening Plant	1	1		
3.10	Cassette AC's for battery charger room	3	3		
4	SERVICE BUILDING, Stage # 1 (AC Plant -4)				
4.1	Screw Chiller	1	1		
4.2	AHU for Service Building	10	0		
4.3	Fresh air fans for above AHU room.	5	0		
4.4	Chilled water pumps	1	1		
4.5	Condenser water pumps	1	1		
4.6	Cooling Tower located at Roof	1	1		
4.7	Water Softening Plant	1	1		
5	SERVICE BUILDING, Stage # 2 (AC Plant -5)				
5.1	Screw Chiller	1	1		



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5.2	AHU for Service Building	10	0		
5.3	Fresh air fans for above AHU room.	5	0		
5.4	Chilled water pumps	1	1		
5.5	Condenser water pumps	1	1		
5.6	Cooling Tower located at Roof	1	1		
5.7	Water Softening Plant	1	1		
6	ESP Control Room, Unit # 1 (AC PLANT-6)				
6.1	Water Cooled Precision AC for ESP Control Room	2	1		
6.2	Fresh air fans for above PAC room.	1	0		
6.3	Condenser water pumps	1	1		
6.4	Cooling Tower located at Roof	1	1		
6.5	Water Softening Plant	1	1		
7	ESP Control Room, Unit # 2 (AC PLANT-7)				
7.1	Water Cooled Precision AC for ESP Control Room	2	1		
7.2	Fresh air fans for above PAC room.	1	0		
7.3	Condenser water pumps	1	1		
7.4	Cooling Tower located at Roof	1	1		
7.5	Water Softening Plant	1	1		
8	ESP Control Room, Unit # 3 (AC PLANT-8)				
8.1	Water Cooled Precision AC for ESP Control Room	2	1		
8.2	Fresh air fans for above PAC room.	1	0		
8.3	Condenser water pumps	1	1		
8.4	Cooling Tower located at Roof	1	1		
8.5	Water Softening Plant	1	1		
9	ESP Control Room, Unit # 4 (AC PLANT-9)				



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9.1	Water Cooled Precision AC for ESP Control Room	2	1		
9.2	Fresh air fans for above PAC room.	1	0		
9.3	Condenser water pumps	1	1		
9.4	Cooling Tower located at Roof	1	1		
9.5	Water Softening Plant	1	1		
10	ESP Control Room, Unit # 5 (AC PLANT-10)				
10.1	Water Cooled Precision AC for ESP Control Room	2	1		
10.2	Fresh air fans for above PAC room.	1	0		
10.3	Condenser water pumps	1	1		
10.4	Cooling Tower located at Roof	1	1		
10.5	Water Softening Plant	1	1		
11	FGD Control room (Stage #1)				
11.1	Water Cooled Precision AC for FGD Control room	3	2		
11.2	Fresh air fans for above PAC room.	1	0		
11.3	Condenser water pumps	1	1		
11.4	Cooling Tower located at Roof	1	1		
11.5	Water Softening Plant	1	1		
12	FGD Control room (Stage #2)				
12.1	Water Cooled Precision AC for FGD Control room	3	2		
12.2	Fresh air fans for above PAC room.	1	0		
12.3	Condenser water pumps	1	1		
12.4	Cooling Tower located at Roof	1	1		
12.5	Water Softening Plant	1	1		
13	DM Plant Control room				
13.1	Water Cooled Precision AC for DM Plant Control Room Building	2	1		
13.2	Fresh air fans for above PAC	1	0		