



BHARAT HEAVY ELECTRICALS LIMITED

PROJECT ENGINEERING MANAGEMENT

PROJECT : 1X800MW TANGEDCO NORTH CHENNAI TPP **DATE:** - 09.01.2018
PACKAGE : AIR CONDITIONING SYSTEM
TENDER ENQUIRY NO.: PE/PG/NC3/E-5784/2017 dtd. 28.11.2017

Corrigendum-05

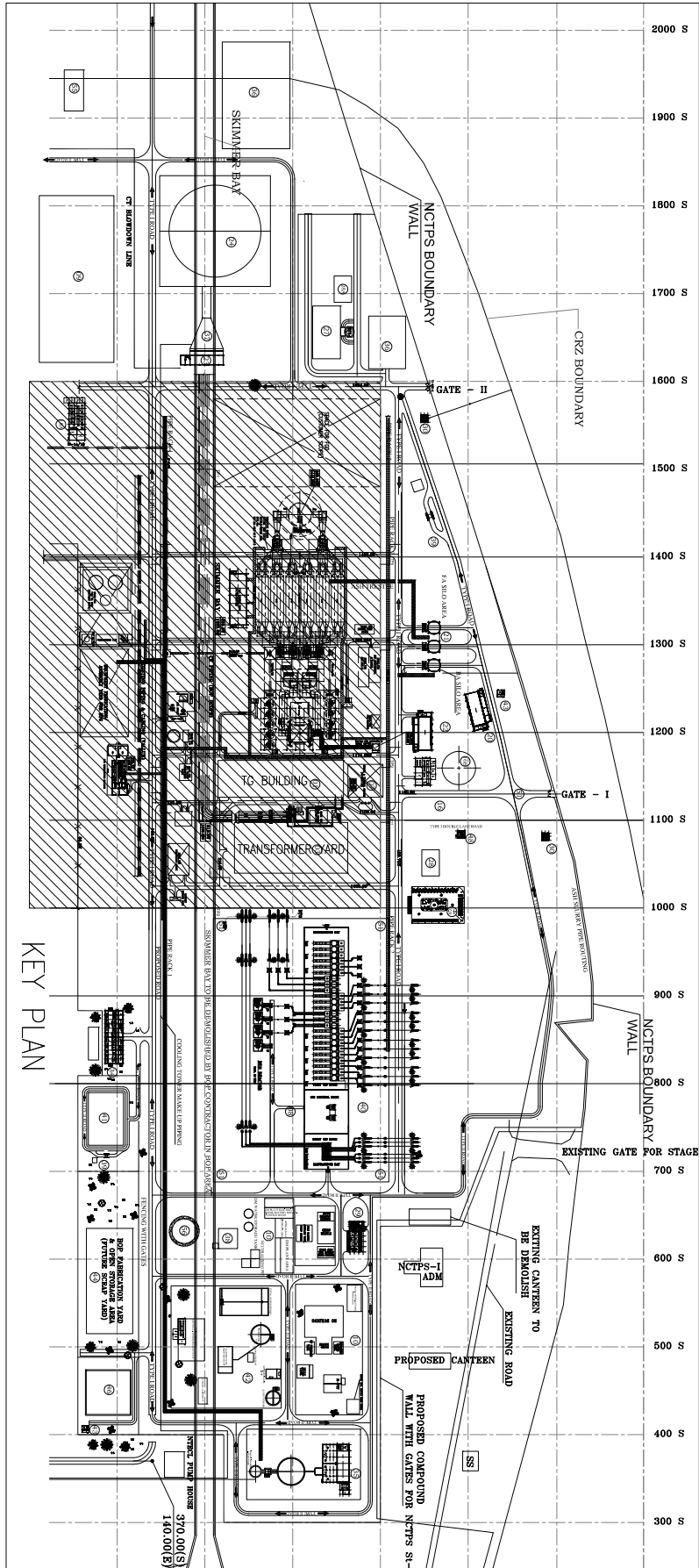
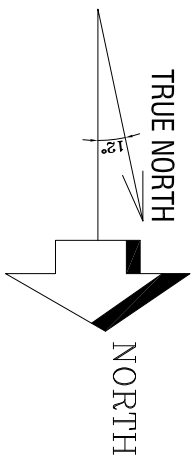
In reference to the above mentioned tender enquiry, please find below enclosed the reply of pre-bid queries.

All other terms and conditions remain unchanged. You are requested to submit your offer accordingly.

For and on behalf of BHEL

UPENDRA CHAUDHARY
(DY.MGR/BOP Ordering/BHEL-PEM)

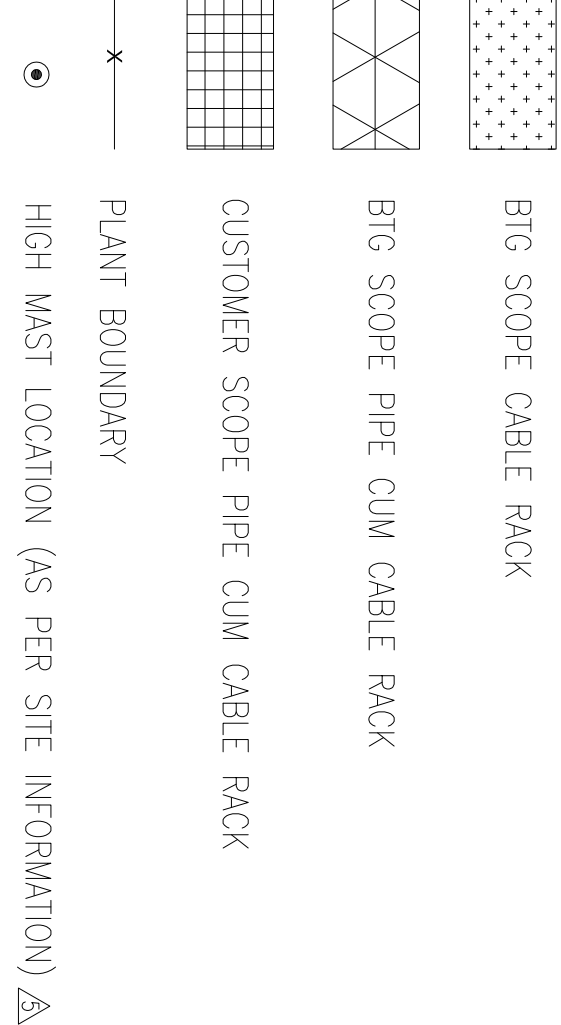
SI.No	Description	Bidders Query dated 09/01/2017	BHEL Reply dated 09/01/2017
1	PAC Units	We presume that the mentioned PAC units are Packaged Air Conditioning units and not precision AC units.Pls clarify	Bidder understanding is correct.
2	PAC Units	Can we offe 2x 11 TR units in place of 1 x 20 TR unit, as manufacturers capacity is limited to a maximum of 16 TR.	Bidder to follow specification.
3	Control Philosophy	We presume that DDC / PLC shall be in BHEL's scope of works ? Please confirm.	Air Conditioning shall be DCS controlled and same is under BHEL Scope.
4	Control Philosophy	Water Chilling units shall have Electronic Expansion valve in place of Thermostatic expansion valve . Please confirm.	Bidder to follow specification.
5	Starter Panels	Starter panels required for equipments shall be in BHEL's scope. Please confirm.	This shall be as per Technical Specification.
6	Drawings	We request you to send us the following drawings mentioned in the tender.	
6a		PE-DG-423-100-M002	MEP is enclosed.
6b		PE-DG-423-640-C006	Service Building Arch Drawing At Roof Level is enclosed.
6c		PE-DG-423-611-C035	Power House Plan is already available in the specification. Architecture drawing shall be provided during detail engineering.
6d		PE-DG-423-565-E001	Electrical Single Line Diagram for Auxiliary Power Distribution, PE-DG-423-565-E001
		PE-DG-423-507-E004	Cable Erection Philosophy, PE-DG-423-507-E004
		PE-DG-423-507-E005	Typical Details of Cable Trays and Accessories, PE-DG-423-507-E005
		PE-DG-423-507-E006	Installation Details of Cable Tray Support System, PE-DG-423-507-E006
		PE-DG-423-100-E101	Design Philosophy Of Electrical Equipment Layout, PE-DG-423-100-E101
6e		PE-DG-423-640-C013	Details are already available in Service building Floor Plan made part of specification. These drawings shall be provided during detail engineering.
		PE-DG-423-640-C014	
		PE-DG-423-640-C015	
		PE-DG-423-640-C007	
		PE-DG-423-640-C008	
		PE-DG-423-640-C009	
		PE-DG-423-640-C010	
		PE-DG-423-640-C011	
6f		PE-DG-423-640-C012	These are inputs drawing for BHEL. Successful bidder shall prepare these document during detail engineering for submission to BHEL.
		PE-V9-423-553-I911	
		PE-V9-423-553-I912	
		PE-V9-423-553-I913	
		PE-V9-423-553-I914	
		PE-V9-423-553-I915	
		PE-V9-423-553-I916	
		PE-V9-423-553-I917	
		PE-V9-423-553-I901	
		PE-V9-423-553-I902	
		PE-V9-423-553-I903	
		PE-V9-423-553-I950	
		PE-V9-423-553-I951	
		PE-V9-423-553-I952	
		PE-V9-423-553-I953	
		PE-V9-423-553-I954	
		PE-V9-423-553-I955	
		PE-V9-423-553-I956	
		PE-V9-423-553-I957	
		PE-V9-423-553-I958	



NOTES:-

1. ALL DIMENSIONS ARE IN MM AND LEVELS ARE IN METRES.
2. ALL ELEVATION MARKED ARE M.T. TG HALL FINISHED FLOOR ELEVATION OF EL.0.00M WHICH CORRESPONDS TO RL(+1)10.0M.
3. THE BOILER AREA FTL IS AT EL.(-)200MM WHICH CORRESPONDS TO RL(+9.8M). TRANSFORMER AREA FTL IS AT EL.(-)100MM WHICH CORRESPONDS TO RL(+9.9M).
4. THE FINISHED GRADE LEVEL OF POWER BLOCK AREA IS RL(+9.5M).
5. CABLE DUCT/TRENCH/SILT LAYOUT IS SHOWN FOR REPRESENTATION PURPOSE ONLY. FOR DETAILS REFER ELECTRICAL DRAWING.

REFERENCE DRGS.		
Sl. No.	TITLE	UNIT
1	GRID PLAN	DO-244-MC-D-4-M-10001
2	TG EQUIPMENT ROOM AT EL.0.0M	FE-06-423-100-0003
3	TRANSFORMER ROOM LAYOUT	FE-06-423-100-0003
4	KEY PLAN OF BOILER	D-00-000-0713



REV.	DATE	BY	CHKD.	APPD.	REV.	DATE	BY	CHKD.	APPD.
01	2024.01.15	...	...	...	02	2024.01.15	...	...	...

CUSTOMER:	TAMILNADU GENERATION & DISTRIBUTION CORPORATION LIMITED	
	5th Floor, Western Wing, NPKRR, Madurai.	
CONSULTANT:	Fathier Consulting Engineers (India) Pvt. Ltd.	
	Memon Eternity 5th Floor, No.165, St. Mary's Road, Alwarpet, Chennai-600018	
PROJECT:	1X800 MW TANGEDCO NORTH CHENNAI TPP	
	STAGE: III- BITG	
STATUS:	BHARAT HEAVY ELECTRICALS LTD	
	PROJECT ENVIRONMENTAL MANAGEMENT	
JOB NO. 423		
CONTRACT		
DISTRIBUTION		
TITLE		MAIN EQUIPMENT PLANT LAYOUT