

CORRIGENDUM -3 TO TENDER SPECIFICATION BHEL PSSR SCT 1583 - Civil, Structural and Architectural works of Utility Boiler and allied works including Multi Flue RCC Chimney for 1 x 150TPH RESID Upgradation Project at CPCL, Manali, Chennai.

DT:04/05/2015

Some of the bidders sought clarifications vide letters in regard to TENDER SPECIFICATION BHEL PSSR SCT 1583 and BHEL's clarifications are furnished below for information.

<u>Sl. No.</u>	<u>Reference</u>	<u>Clarification/Query</u>	<u>BHEL REPLY</u>
1	BOQ item ST. No. 2501	As per BOQ item ST. No. 2501, after studying the Bore Log details given vide Corrigendum No. 1, it is understood that atleast 3 nos Hydraulic Bore Pile Rigs are required for completion of 296 nos of Bored Cast in situ piles inside the operating Refinery Premises within 3 months project schedule (Milestone for Piling work completion). Hence, it is understood that the mobilisation cost for Hydraulic Bore Piling Rig shall be payable as below. Mobilisation cost quoted at item ST. No. 2501 x No of Rigs deployed as per project requirement. Please confirm.	YES
2		Item ST. No. 3.2, Kindly arrange to confirm whether Temperature controlled concrete is required or not. If so, please specify the Temperature.	Concrete temperature shall be as per contract specification and relevant IS code.
3		Kindly arrange to confirm that the Civil & Structural works at all elevations related to GT & HRSG, super structure of Boiler are not in the scope of proposed Tender.	Pls follow bid document. Scope of work is clearly defined
4		Based on Tender Drawings furnished to the Contractor and relevant BOQ items, it is understood that the proposed Chimney is straight shaft chimney. Please confirm.	chimney shaft type will available during detail engineering.
5		As per Tender Drawings, the proposed boiler foundation size is 40.5 m x 23 m. If we consider atleast 0.3 m thick foundation, the volume of concrete required is 278 Cum. The Qty available in relevant BOQ item ST. No. 207 is 154 Cum only. Please confirm.	Pls follow bid document.
6		Item ST. No. 10.11, Please specify the length of 300 mm dia S.S. Air outlet pipes.	Pipe Length shall be 500mm.
7		Item No. St. No. 1836, it is considered that Pipe Specification is IS: 1239 Black heavy. Please confirm.	CS pipe material shall be as per ASTM A 106 GR. B
8		It was understood from the initial BOQ ST. No. 207 & 208, the relevant item was for TG, Gas Turbine, ID/FD/PA fans, BFP, Coal mills concrete work at all elevations. Now, in Corrigendum No. 1, the name of structure has been removed. Please specify the name of proposed machine foundation to enable the bidder to quote competitive rate.	BOQ item 207&208 shall be operated for FD Fan.
9		Please provide the overall Plot Plan of proposed work, to understand the scope of work.	Plot plan (for tender purpose only) attached.

Note:-

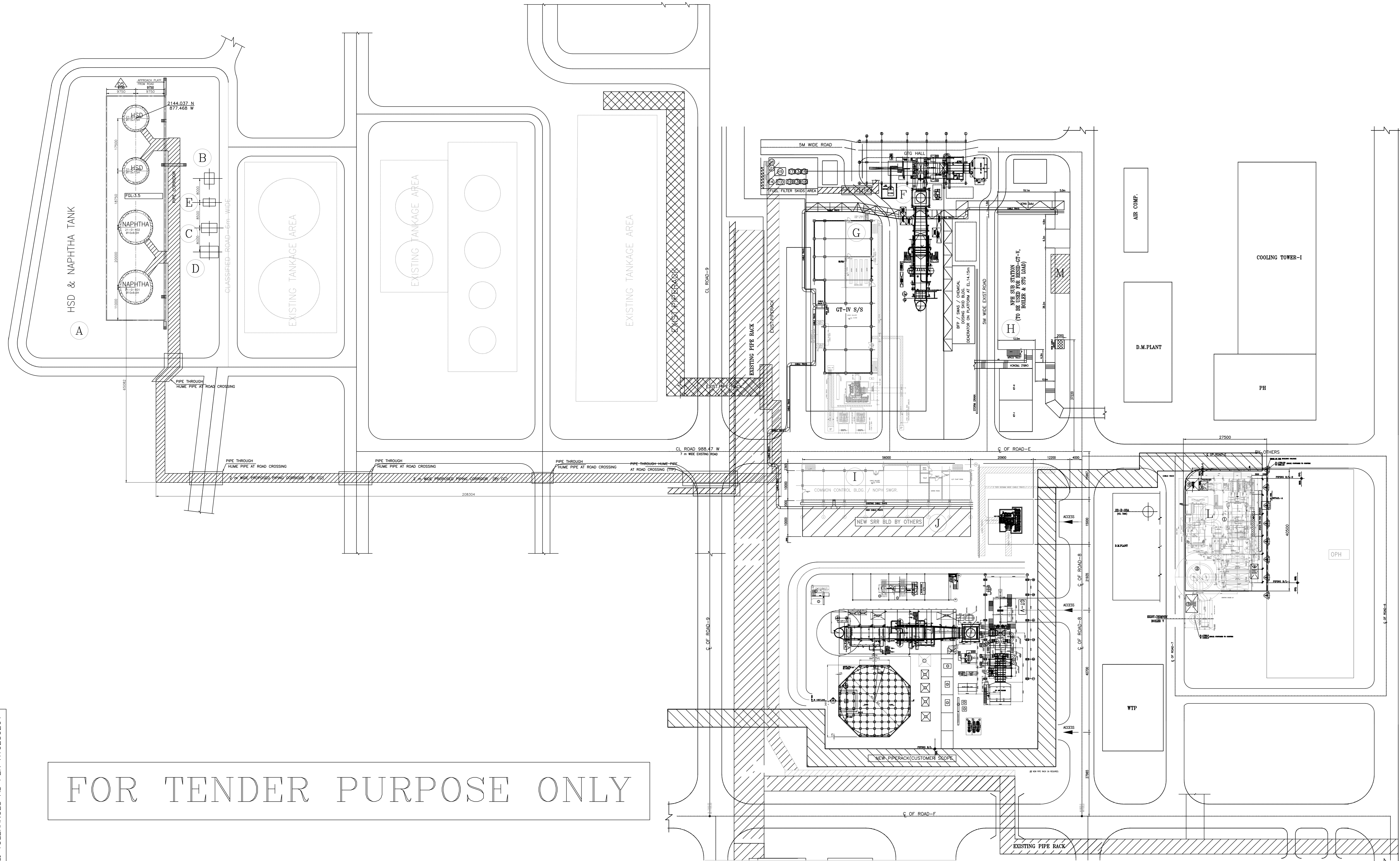
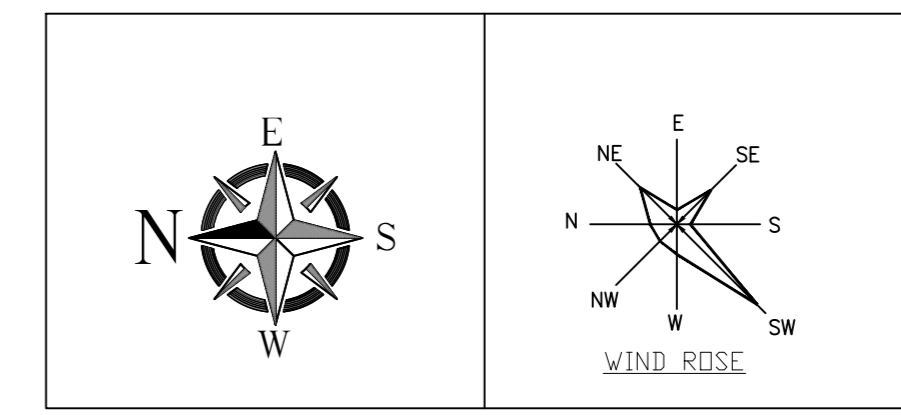
All other Terms & Conditions remain unchanged.

GM / HR & SCT

Encl:-

1. Plot Plan (For tendering purpose only)

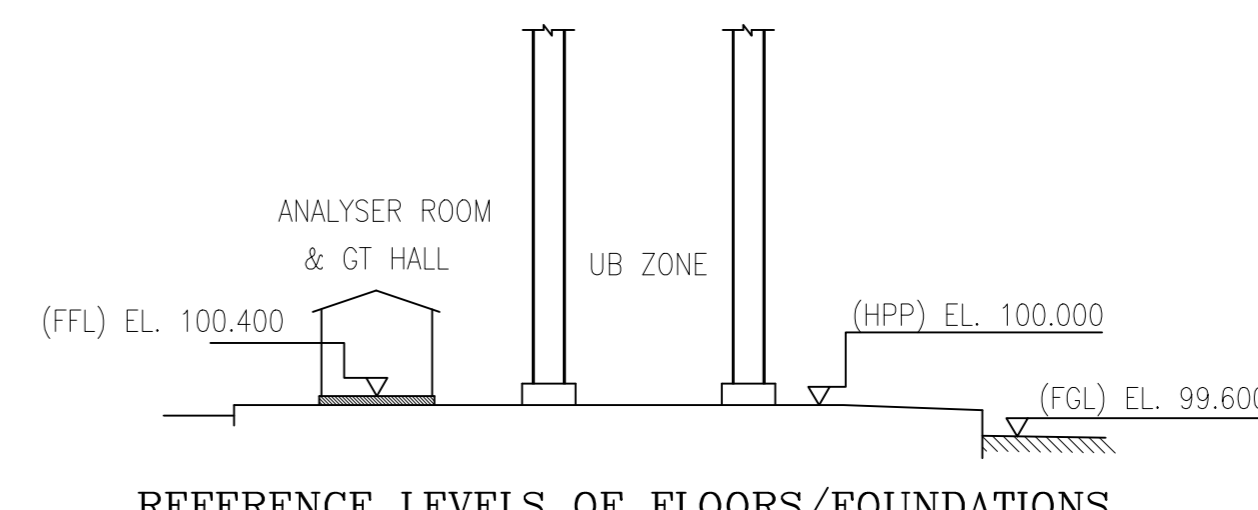
SL.NO.	TAG NO.	DESCRIPTION	QTY	SIZE (EACH UNIT)
A		NAPHTHA/HSD TANK AREA		
B		HSD FORWARDING SKID OF GT		
C		NAPHTHA FORWARDING SKID OF GT		
D		NAPHTHA FORWARDING SKID OF HRSG		
E		CENTRIFUGAL		
F		GT-4 & HRSG		
G		GT-4 CONTROL BUILDING		
H		NPH SUB STATION		
I		COMMON CONTROL BUILDING /NOPH SWGR		
J		NEW SRR BUILDING		
K		GT-5 & HRSG PACKAGE		
L		UB-6 PACKAGE		
M		TRANSFORMER YARD		



FOR TENDER PURPOSE ONLY

- NOTES:-**
- ALL DIMENSIONS ARE IN MILLIMETERS LEVELS & CO-ORDINATES ARE IN METRES
 - FGL LEVEL IS 99.600M & CORRESPONDS TO MEAN SEA LEVEL (MSL) 3.1M.
 - HPP LEVEL IS 100.000M & CORRESPONDS TO MEAN SEA LEVEL (MSL) 3.5M.
 - FFL LEVEL IS 100.400M & CORRESPONDS TO MEAN SEA LEVEL (MSL) 3.9M.

- LEGEND :-**
- UB-6 PACKAGE BATTERY LIMIT
 - GT-HRSG PACKAGE BATTERY LIMIT
 - NEW PIPE RACK IN UB-6 AREA(CPCL SCOPE)
 - NEW PIPE RACK IN GT-V AREA(CPCL SCOPE)
 - EXISTING PIPE RACK



CPCL
Chennai Petroleum Corporation Limited
 (A group company of indianoil)

CONSULTANT : **JACOBS ENGINEERING INDIA PVT LIMITED (MUMBAI)**

NAME OF PROJECT : **1X150 TPH UTILITY BOILER PKG RESID UP GRADATION PROJECT AT CPCL MANALI, CHENNAI**

REV.	DATE	ALTERED	NO.	DATE	ALTERED	NO.	DATE	ALTERED	NO.

DEPT.	UNTL.	DIMS.	OR.	SCALE	WEIGHT (KG)	REF. TO ASSY. DRG.	ITEM NO.	NO. OF ITEMS

TITLE: **PLOT PLAN (TENDER PURPOSE ONLY)**

DRG. NO. **0-381-01-01588**

NO. OF SHEETS: **01**

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