

Project : Fuel Oil Handling System for Bhadradri Thermal Power Station (4x270 MW)

PRE BID CLARIFICATION

Sl. No.	Ref. Cl. of Bid Document No. PE-TS-411-166-A001	Bidder's Query	BHEL's Reply dated 23.05.2015
1	Cl. I) of 1.1.0 of page 11 of 348, Cl. 1.1.1 of 1.1 of page 272 of 348 & P&ID of HFO System	We understand that BTPN wagons will be used for HFO unloading. To the best of our understanding, each BTPN wagon having two outlets. Therefore, no. of unloading point will be 96 nos. instead of 50 nos. Please confirm. Also, confirm the steam consumption of each BTPN wagon for calculate the PRV sizing.	50 nos unloading points are sufficient. Bidder to calculate the steam requirement at its end.
2	Section C1-E of Vol.-IIB of running page no. 125 of 348, Painting Specification	We haven't found the painting specification on internal surface and Bottom underneath of Tanks. Please furnish specification for the same	Painting for internal surface and bottom surface of tank shall be done in line with practice followed in other BHEL project. Same will be decided during detailed engineering.
3	P&ID No. : PE-DG-411-166-A101 / A102, Rev. 0 & Running Page 196 of 348 of Tech. Spec. : PE-TS-411-166-A001	For measurement of Level in HFO & LDO Storage tank, Level Transmitter is indicated in the legend of P&ID. Though specification allows both Ultrasonic type as well as Radar type level transmitter. Please specify.	LTs shall be radar type, top mounted.
4	P&ID No. : PE-DG-411-166-A101 / A102, Rev. 0	Supply & return pipe sizes of HFO & LDO at terminal point (2000 mm outside of P&H unit) are not specified. Please furnish the same.	Pipe sizes at TP are given as below: a. HFO suction from HFO tanks: 200 NB. b. HFO return to HFO tanks: 150 NB. c. LDO suction from LDO tanks: 150 NB. d. LDO return to LDO tanks: 100NB.
5	PLOT PLAN (PE-DG-K27-100-M001, Rev. P02)	LDO Road Tanker Unloading area, LDO Unloading Pump House, Oil Water Separator are not located in the Plot Plan. As per Plot Plan, FO Unloading & Pressurizing Pump House is in the same building. Kindly Concur. Also, we request you to please furnish legible soft copy of the plot plan.	LDO road tanker unloading area is adjacent to tank farm area (S.N 3.3), LDO pumps are kept inside FO pressurizing Pump house (S.N 3.4), Oil water separator shall be kept nearby to tank farm area. There is separate HFO unloading P/H (S.N. 3.2) near railway track. Soft legible plot plan copy attached.