



TITLE  
**STANDARD TECHNICAL SPECIFICATION FOR  
FO SYSTEM**

SPECIFICATION NO. PE-TS-STD -166-A001  
VOLUME III  
SECTION  
REV 00

**PRE-BID CLARIFICATION SCHEDULE**

S.No.	Section/C lause/	Statement of the	Clarification required	BHEL RELY
1	Technical specification for Fuel oil unloading & storage system, Annexure-VIII, Page No. 322 of 348	In your Plot Plan with <b>Drawing No. PE-DG-K27-100-M001</b> Facility point no. 3.4 is mentioned as <b>Fuel Oil Forwarding Pump House.</b>	All unloading & forwarding pumps are in Facility point no. 3.2 i.e. Fuel Oil Unloading and Pressurizing Pump House. What is the Fuel oil forwarding pump house used for and what pumps will be installed in it?	Facility at 3.2 is HFO unloading P/H containing HFO unloading pumps. From here, HFO will be unloaded from railway wagons and thereby transferred to HFO tanks. Facility at S.N 3.4 is forwarding P/H (under BHEL-Try scope). Following pumps shall be placed here: a. HFO forwarding pumps (transfer HFO from HFO tanks to Boiler). b. LDO forwarding pumps (transfer LDO from LDO tank to Boiler). c. LDO unloading pumps( Transfer LDO from road tankers to LDO tanks)

2			<p>Fuel from main HDO/LDO tanks shall be forwarded using pressurizing pump. Please provide the flow of these pressurizing pumps, as the tank farm area is quite far from the Pump house and the fuel header will go till 2000mm before pressurizing pump house. So, we will have to estimate exact size of pipes to be used for forwarding line.</p>	<p>HFO will be unloaded from railway wagons via HFO u/l pumps kept in P/H at 3.2 which will further transfer HFO to HFO tanks kept at tank farm area at 3.3. HFO shall be taken from HFO tanks (thru pipe) then shall be terminated at 2.0m from P/H at S.N 3.4.</p> <p>LDO shall be unloaded from road tankers vide LDO u/l pumps kept in P/H at S.N 3.4 and then transferred to LDO tanks at S.N.3.3. LDO shall be taken from LDO tanks (thru pipe), then shall be terminated at 2.0m from P/H at S.N 3.4.</p> <p>Pipe sizes at TP are given as below:</p> <ol style="list-style-type: none"> <li>a. HFO suction from HFO tanks: 200 NB.</li> <li>b. HFO return to HFO tanks: 150 NB.</li> <li>c. LDO suction from LDO tanks: 150 NB.</li> <li>d. LDO return to LDO tanks: 100NB.</li> </ol>
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