

Date: 18.09.2020

Venue: Email

Sub: NEW 10000 MT DOUBLE WALL DOUBLE INTEGRITY AMMONIA STORAGE TANK AND ASSOCIATED FACILITIES FOR FACT-CD,
AMBALAMEDU ON LSTK BASIS

Sl. No	Section No. of Bid Doc.	Page No.	Clause No.	Subject	Bidder's Query	Owner / PMC Reply	Discipline
1.	tech_prebid_567857/ C. Static Equipment	21 of 49	3.4.15	Monorail provision for inspection of tank shell and cup	<p>BIDDER'S QUERY: It is not considered as exact location where monorail is required is not clear. Please elaborate.</p> <p>OWNER'S / PMC REPLY: Two circumferential monorails shall be provided on dome roof internal support structure for inspection of cup shell inner surface & annular space shell surfaces i.e., outer tank shell inner surface & cup shell outer surface.</p> <p>BIDDER'S QUERY: Bidder needs to know how the inspection shall be carried out e.g. by inserting instrument such as camera for inspection inside the annular space or by person going inside the annular space for inspection. Bidder request Owner to share such monorail arrangement implemented for inspection in owner's plant.</p> <p>OWNER'S / PMC REPLY: Physical inspection of the shell surface is intended with the aid of monorail facility, after the de-commissioning of Ammonia storage tank.</p> <p><u>Bidders New Query</u>: Based on monorail TQ reply received from client, bidder understands that the physical inspection of annular space and shell surface is intended with the aid of monorail facility, after de-commissioning of Ammonia tank.</p> <p>Based on this requirement, bidder has prepared a sketch detailing the monorail arrangement and attached herewith for client review. Client is requested to review the following points:</p> <ol style="list-style-type: none"> 1. As per bidder understanding, since ammonia (process fluid) is in contact with inner surface of inner tank (i.e. Cup shell) only, inspection of the inner surface of cup shell is only envisaged. Request client to revisit the requirement of physical inspection in annular space (i.e. inner tank outer surface & outer tank inner surface). 2. However, If client is still considering the physical inspection in the annular space, bidder request client to review the annular space provided i.e. 800 mm as per the sketch. Request client to confirm that this space is enough for carrying out safe physical inspection. 3. Request client to review any additional platform or any other provision need to be provided for connecting the accessories to monorail, while performing the physical inspection. 	<p>Monorail facility is envisaged to suspend cage for the personnel to carryout visual and NDT inspection of cup shell inner surface & annular space shell surfaces i.e., outer tank shell inner surface & cup shell outer surface after Tank decommissioning.</p> <ol style="list-style-type: none"> 1) Inspection of annular space as well as cup shell inner surface is envisaged. 2) Width of annular space shall be as per bidder's standard practice. 3) Bidder shall consider platform/provision to carryout inspection as mentioned above. <p>Perforations of suspended deck to support monorail are not envisaged. Removal of suspended deck over the annular space is envisaged during decommissioning inspection.</p>	Static