

**Pre-qualification cum Specification compliance statement**

SI.NO	BHEL REQUIREMENT	VENDOR'S CONFIRMATION	VENDOR'S REPLY TO BE FILLED
<b>1. PRE QUALIFICATION REQUIREMENT</b>			
1.1	Only Those bidders who have prior experience in supply of PVC (Polyvinyl Chloride) or Polyethylene (LLDPE) Water Storage Tanks to any private or Public Organisation (Government Institutions/ in the past 5 years are eligible to quote. The bidder has to submit at least one P.O. copy or any other reference document as a proof of supply.	Bidder to confirm and furnish	
1.2	The bidder may be an Original Manufacturer (OEM) or Dealer/Distributor. Suitable certificate is to be submitted along with technical offer.	Bidder to furnish	
1.3	Offers not confirming to the enquiry specifications will be summarily disqualified & rejected.	Bidder to confirm	
1.4	Delivery Schedule:		
1.4.1	Delivery 60 days from the date of PO	Bidder to confirm	
<b>2. TECHNICAL SPECIFICATION</b>			
2.1	Application: For Storing of Demineralised water (DM water) to carry out Hydro test.	Bidder to note	
2.2	Capacity and Strength		
2.2.1	Capacity Of Water tank: 5000 litres (L)	Bidder to Confirm	
2.2.2	Mechanical Strength: IS 12701 (for water tanks)	Bidder to Confirm	
2.3	Minimum no of layer: 3	Bidder to Specify and confirm	
2.4	Inner Coating: Non-reactive, smooth inner surface to prevent leaching of minerals	Bidder to Confirm	
<b>2.5</b>	<b>Dimensions:</b>		
2.5.1	Height in mm	Bidder to Specify	
2.5.2	Diameter in mm	Bidder to Specify	
2.5.3	Thickness in mm	Bidder to Specify	
2.6	Chemical & Thermal Resistance		
2.6.1	pH Compatibility: The tank shall be suitable for DM water H 6-7.5 without leaching ions	Bidder to Confirm	
2.6.2	Temperature Tolerance: -10 °C to 60 °C	Bidder to Confirm	
2.6.3	UV Resistance: UV-stabilized outer layer to prevent degradation	Bidder to Confirm	
2.6.4	Anti-Algae Properties: Black or dark-coloured layers reduce algae growth	Bidder to Confirm	
2.7	Lid type - Screw-type or lockable for contamination prevention	Bidder to Specify	
2.8	Guarantee : 10 Years	Bidder to Confirm	

  
**M. DEEBANKUMAR**  
MANAGER  
BPN / UNIT - II