

ANNEXURE I – LIST OF PRE-BID QUERIES

Sr No	CLAUSE	DESCRIPTION	QUERIES	BHEL Replies
	QUERIES			
1.	Tender doc: PE-TS-411-163A-A001, Vol: IIB, Annexure III, Sheet 2 of 2	Raw water analysis (point no. 2)	<p>As per raw water analysis provided in the tender, the suspended solids are 500 mg/l and dosage rate of alum/lime & PE has also given.</p> <p>But the scope of vender has started from filter feed pump.</p> <p>To achieve outlet TSS at PT - 10 ppm we need to install a High rate solid contact clarifier (HRSCC).</p> <p>Kindly confirm the scope of clarification (HRSCC) and associated chemical dosing system (i.e. alum/lime/PE)</p> <p>Is it in the bidder scope or in Client scope.</p> <p>If the same is in Client scope than Client needs to provide clarified water at the inlet of filter feed pump having TSS - 10 ppm.</p>	<p>Bidder to refer tender specification of DM plant package, page 211 of 468 where raw water analysis has been already given and bidder to arrive the clarified water analysis considering the chemical dosage rate of following chemicals mentioned below as (already specified in tender) :</p> <p>a) Alum Dosing – 70 ppm b) Lime Dosing – 30 ppm c) PE Dosing – 1 ppm d) Chlorine dosing – 3 ppm continuous.</p> <p>Further bidder to consider this clarified water analysis for design of DM plant (which also includes the effect of the dosing of these PT plant chemicals) on cation & anion increase while designing of the DM plant. Further bidder to note that for DM plant package scope starts from DM Plant Supply Pumps & " The scope of clarification (HRSCC) and associated chemical dosing system (i.e. alum/lime/PE/ Raw water chlorination) is excluded from DM plant bidder scope.</p>

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2.	Tender doc: PE-TS-411-163A-A001, Vol: IIB, Annexure III, Sheet 2 of 2	Raw water analysis (point no. 11)	<p>The silica is mentioned as 5.2 ppm, which we have considered as reactive silica.</p> <p>Further, we have assumed the colloidal (non-reactive) silica as NIL in raw water, hence no treatment for removal of colloidal silica in bidder's scope.</p>	Bidder's understanding is correct, however bidder to follow the tender specification requirement.
3.	Tender doc: PE-TS-411-163A-A001, Vol: IIB, Section C1-B	General Requirement	We understand that this section is general requirement. However our scope of supply and service is limited to WTP (DM plant) only.	Bidder to note that general requirement is also the part of tender specification and bidder to read and comply with the same and if the same governs scope of supply and services of DM plant then bidder to consider the same in his scope under the DM plant package.