



Ref: SPCL/PDA-FPM/2014-15

27th June 2014

**To,
Punjab Dyers Association
Focal Point Module,
C/o, 341/342-D Phase VIII, Focal Pont, Ludhiana – 141010
Email: pdafocalpoint@gmail.com**

Sub: Pre-Bid Clarification for 40 MLD CETP for Punjab Dyers Association

Ref: Tender for Design, engineering, construction, erecting and commissioning of 40MLD average capacity common effluent treatment plant for focal point module based on SBR technology and ASP technology on turnkey basis including operation and maintenance for 10 years at Tajpur Road Ludhiana Punjab.

Dear Sir,

With reference to your tender NIT for aforesaid project, please find below our queries for clarification for said tender.

Your kind consideration on same shall highly be appreciated.

Thanking and assuring you best of our services.

Thanking you,

For Shapoorji Pallonji & Co. Ltd



Bhavesh Oza

Water Business.

Mob: 8879278813

[Email: bhavesh.oza@shapoorji.com](mailto:bhavesh.oza@shapoorji.com)

www.shapoorji.com

Corporate Office: Shapoorji Pallonji & Co Ltd, 41/44, Minoo Desai Marg Colaba, Mumbai - 400005

Annexure I – Pre-Bid Clarification.

Sr. No.	Tender ref No. & page no.	Content as per tender	Clarifications required
1	Volume-I, Clause A, Technical Experience Criteria to be met by the Bidder, clause a, page 5 & corrigendum –I (amendment)	<p>Bidder must have successfully completed and commissioned on turnkey/EPC basis, minimum one work of Design, Construction, Supply, Installation, Testing and successful Commissioning of at least Sewage Treatment Plant or Common Effluent Treatment Plant or Effluent Treatment Plant of 20 MLD average capacity in India during last 7 years ending 31st March 2014 based on Sequential Batch Reactor Process Activated Sludge Process / Extended Aeration Process / MBBR and working satisfactorily for at least one year as on 31st March 2014. Plants based on any other processes will not be considered for evaluation.</p> <p>Whereas in corrigendum-1 it is mentioned as;</p> <p>Testing and successful Commissioning of at least Sewage Treatment Plant or Common Effluent Treatment Plant or Effluent Treatment Plant of 20 MLD average capacity in India during last 10 years ending 31st March 2014 (rest content remain same).</p>	<p>In corrigendum-I, you have deleted the opening para i.e. Bidder must have successfully completed and commissioned on turnkey/EPC basis, minimum one work of Design, Construction, Supply, Installation,..... We presume that these requirement is to be read in continuation with changes made the corrigendum-I. Please confirm.</p>

Sr. No.	Tender ref No. & page no.	Content as per tender	Clarifications required
2.	Volume-I, Clause A, Technical Experience Criteria to be met by the Bidder, clause c, page 6 & corrigendum –I (amendment)	<p>Bidder should tie-up with a Technology Provider for SBR Technology for biological treatment section and shall submit technology tie-up arrangement/MOU as per format given in this document on Rs. 100 stamp paper as a part of their bid. The technology provider shall have experience of providing SBR Technology and technology equipment for at least one CETP (textile effluents) of 20 MLD capacity in India during last 7 years ending 31st March 2014 and is working satisfactorily for at least one year as on 31st March 2014. Technology provider must have registered office in India.</p> <p>Where as in corrigendum-1 it is mentioned as;</p> <p>The Technology provider shall have experience of providing SBR Technology/ASP Technology and technology equipment for at least one CETP (textile effluents) of 20 MLD capacity in India during last 10 years ending 31st March 2014 and is working satisfactorily for at least one year, on or before 31st march 2014 (rest content remain same).</p>	<p>In corrigendum-I, you have made some changes including ASP as an alternative technology. We presume that SBR Technology is mandatory to be quoted and ASP is optional technology. Please clarify. Also ASP technology is open technology and there are no special technology providers for ASP. Therefore we presume that, in case, bidder opts to go for ASP technology, then he should have experience of design, construction and commissioning of 20 MLD CETP (for textile effluents) based on ASP which is working satisfactorily for at least one year on or before 31st March 2014. Please clarify/confirm.</p>
3.	Volume-I, Clause A, Technical Experience Criteria to be met by the Bidder, clause b, page 6	<p>Bidder should have experience of Operation & maintenance of minimum one number CETP/ CETP/ETP of 20 MLD capacity in India for a period of minimum three years in continuation during last 10 years ending 31st March 2014.</p>	<p>The word CETP is repeated. We presume that O&M experience for STP is also acceptable. Please confirm.</p>

Sr. No.	Tender ref No. & page no.	Content as per tender	Clarifications required
4.	Volume –I, Proposed scheme clause 6, page 33, equalization tank & corrigendum-I	The capacity of the tank should be kept such that the detention time in the tank shall be minimum 12 hours of average flow.	As per corrigendum-I, you have increased the retention time of equalization tank from 12 hrs to 24 hrs. 24 hrs is too high capacity. This will lead to the increase in capital as well as operating cost drastically. Considering nature of the effluents, We feel that 12 hrs retention time is more than sufficient. Please confirm.
5.	--	--	Considering the nature of the effluents, we recommend to go for SS-316 as material of construction for clariflocculator/ sludge blanket clarifiers and secondary clarifiers (for ASP) please confirm.
6.	--	--	We request you to provide basic design basis for ASP such as F/M, MLSS, sludge recycle rate, weir loading/overflow loading rate for secondary clarifier, etc.
7.	Volume-I, table no. 2.3.3 and Corrigendum-I	Outlet quality- COD and color	You have revised the color limit to < 10 Hazen unit. Obtaining color limit to < 10 Hazen is not possible with any of the conventional treatment method & may not be economically viable. We request you to kindly look into the same and revise the outlet color standard. Also outlet COD limit is given as 50 mg/lit. This outlet COD of 50 may not be achieved and additional chemical treatment will be required after biological treatment. This adds to project and O&M cost unnecessarily. Therefore, we request you to kindly revise the COD in outlet to 100 mg/lit.