

**ALL INDIA INSTITUTE OF MEDICAL SCIENCES,
ANSARI NAGAR, NEW DELHI**

Dated: 31.08.2017

AMENDMENT No. – I

Project Name: Tender for “Construction of Sewage Treatment Plant (STP) including associated works and their Operation & Maintenance in AIIMS Campus, Masjid Moth for AIIMS, New Delhi”.

Tender No. HSCC/PG-II/AIIMS/STP-WORKS/2017/02, dated: 17.08.2017

Reply to Pre Bid Queries raised by bidders during pre -bid meeting held on 28.08.2017 at HSCC, Head Office, Noida

S.No	Tender Reference	Tender Specification	Bidders Queries	Reply / Clarifications
1	Page No. 21, List of approved makes: Item No. 35 of Volume 04 of tender document.	Make of Water / Effluent/ Sewage Treatment Plant: Geo Miler & Co, Ion-Exchange, Pollucon Technologies, Thermax, Enzotech,	Please allow our make for Water / Effluent/ Sewage Treatment Plant.	As per tech. Spec. and tender documents/BOQ
2	Page No. 21, List of approved makes: Item No. 37 of Volume 04 of tender document.	Make of R.O System: Ion-Exchange, Pentair, Pollucon Technologies, Thermax, Enzotech	Please allow our make for the same	As per tech. Spec. and tender documents/BOQ
3	Page No. 22 of Volume 04 of tender document.	E&M Sewage Treatment Plant agency :- Geo Miler & Co, Ion-Exchange, Pollucon Technologies, Thermax,	Please allow our make for Water / Effluent/ Sewage Treatment Plant.	As per tech. Spec. and tender documents/BOQ
4	Page No. 22 of Volume 04 of tender document.	Make of Bar screen (Manual)	This is a fabricated items preferred make should not be used for the same. It should be as per IS norms.	As per tender documents/ BOQ

5	Page No. 22 of Volume 04 of tender document.	Make of Mechanical Bar screen: Jash , Wastech , Pollucon, Thermex, Geomiller	This is a fabricated items preferred make should not be used for the same.	As per tender documents/ BOQ
6	Page No. 22 of Volume 04 of tender document.	Make of SBR Decanter : Premier tech, C-tech , Pollucon, napier reid	Pollucon is not a technology provider of SBR technology. SBR decanter make should be as per STP E&M agency.	As per tender documents/ BOQ
7	Page No. 22 of Volume 04 of tender document.	Make of Sand/ Carbon Filter: Thremex, Geomiller, Pollucon ,Ion exchange, Degreemond, Pentair	This is a prefabricated items preferred make should not be used for the same. It should be as per STP E&M agency and as per IS norms.	As per tender documents/ BOQ
8	Page No. 22 of Volume 04 of tender document.	Make of Ultra Filtration System: Norit, Toray , Koch , Dow	We request you to add Hydranautics and INGE make for Ultra Filtration System.	No, As per tender documents/BOQ
9	Page No. 22 of Volume 04 of tender document.	Make of Centrifuge: Alfa, humboldt , Penwalt	We request you to add Hiller make for Centrifuge.	No, As per tender documents/BOQ
10	Page No. 22 of Volume 04 of tender document.	Make of Dosing Tank Agitator: Thremex, Geomiller, Pollucon, Triveni	This is a prefabricated items preferred make should not be used for the same. It should be as per STP E&M agency.	As per tender documents/BOQ
11			This is to bring to your kind notice that this work involves very deep excavation (over 10 Mtr.) .But There is no item of earth retention in BOQ . Therefore, we request you to include appropriate item lke soldier pile etc. In BOQ.	The rates for the item are inclusive of all measures to be taken by the bidder/ contractor for earth retention and all safety measures/ precautions for the same. Nothing extra shall be paid to the contractor on this account.
12			The completion of 5 months is inadequate. Therefore, we request you to extend by 3 Months	No, shall be as per tender conditions.
13			In vol. 4 technical specification , page no. 13 clause no. 3 , raw water sewage characteristics, Sub Colause 3.1 Inlet parameters BOD 250- 500, COD 500-800 mg/l,TSS 300-500 mg/l is mentioned while in volume 5 BOQ clause no. 3-4 Eleetro-Mechanical cost estimate BOD 300, COD 600 & TSS 350 is mentioned please clarify.	As per tender documents/ BOQ
14			All civil units & electro mechanical specifically process equipments size, volume, calacity & head etc. has already	Equipment size as per mini. Requirement as per BOQ, however agency may increase the capacity & sizes as per

			been mentioned in the BOQ, in these conditions please clarify that who will be responsible for outlet parameters of stp.	design requirement with no extra cost. The responsibility of outlet parameter will be of Bidder.
15			In volume 1. Page no. 4 clause 1 contractor eligibility criteria is mentioned. Eligibility criteria evaluates the competency of a bidder to execute STP of similar capacity and nature. The eligibility bidder shall be eligible for what, if, the maker of companies to supply STP is mentioned in the list of approved make for STP & RO at page no. 21 at S.No. 35 & 37. Mention of make of stp may be eliminated.	Bidder has to get the approval of HSCC for specially STP(E&M) work as per "Form -H" or has to obtained the approval of STP (E&M) from approved agency as per approved list of make
16			In the approved makes, for STP & RO at page no. 21, s.no. 35 & 37 makes of Enzotech & Pollucon is mentioned then again along with Big bames like Geomiller, Ion Exchange & thermax, make of much smaller company like pollucon is added in the list of approved make at page no. 22 for bar screen (manual) . mechanical bar screen , low speed mixer, sbr decanter, pressure sand filter, Activated carbon filter & dosing tank agitator. These small companies are not at par, equivalent with other approved make so you are requested to provide more approved makes with an equivalent repute since the other bigger suppliers can not match the rates of unknown make like, Pollucon, Enzotech. More over the quality of their product can not be compared with quality of other big brand mentioned.	As per tender documents/ BOQ
17			As per tender documents the time period fix for completion of work is 5 months, whereas the Scope of work for Sewage Treatment Plant is reproduced as under	As per tender documents/ BOQ

			<p>“Planning, Designing, detailing, supplying, erection, testing and commissioning of Sewage treatment plant based on SBR (Sequential Batch Reactor)technology of average flow rate of 2000 cum /day for recirculation of treated sewage /effluent for the use of horticulture/flushing /A/c purpose. The scope of work consists of design and execution of all civil, structural, electrical, mechanical, plumbing and processing, ancillary equipments and works etc required to complete, getting approval from state pollution control board and other statutory bodies as well as from consultant (consultant)/client including the cost of STP building for electrical room, treated sewage under ground storage tank etc.</p> <p>The under mentioned activities are to be considered as under:</p> <ol style="list-style-type: none"> i) Planning and design of STP including approval. ii) Approval of CTE and CTO from concerned Govt. department. iii) Procurement of Mechanical equipments iv) Construction of Civil work v) Installation and commissioning of mechanical equipments vi) Electrical connection vii) Power backup arrangement viii) Connection of existing sewer line to STP <p>The above mentioned activities are required to complete within period of 9 months. Hence completion period should be enhanced.</p>	
--	--	--	---	--

<p>18</p>			<p>The BOQ item rate for civil work and other associated work has been asked in the tender ,whereas the exact quantities even items can only be worked out after approval of design for STP of 2000 KLD capacity. Please clarify that if this BOQ is just indicative and after design of STP the exact quantity of Civil items and other work be derived.</p> <p>Please clarify the R. A. bill payment plan for design & construction of STP of 2000 KLD</p> <p>Please clarify who will obtain approval of CTE & CTO from the concern deptt.</p> <p>Please clarify who will take electrical connection for operation & commissioning of STP.</p> <p>Please clarify who will arrange the exclusive Power backups for STP.</p> <p>Please clarify that during execution the electric power connection is provided free of cost from grid or on payment.</p> <p>During construction period on the failure of power supply the power backups required, please clarify who will arrange the same.</p> <p>Please clarify who will provide soil investigation report and design of RCC work</p>	<p>Civil work will be as per actual work done & as per approved drawing. E&M work is fixed cost as per BOQ. if any extra capacity of equipment is required to make the plant functional, no additional cost will be paid for the same.</p> <p>As per tender documents/ BOQ</p> <p>As per tender documents/ BOQ</p> <p>As per tender documents/ BOQ.</p> <p>As per tender documents/ BOQ</p> <p>Agency will have to make own arrangement for the same.</p> <p>Agency will have to make own arrangement for the same</p> <p>It is in the scope of agency, will no extra cost.</p>
-----------	--	--	---	---

			Being a developer we have already planned and finalized the design of STP of 3000 KLD at our different projects in the country out of which 220 KLD is already been installed and commissioned, 1000 KLD plant the civil work has been completed & mechanical equipments are yet to be installed. As regard 1300 KLD the design has been finalized and execution work will be started shortly.	As per tender condition/ BOQ
19			Considering the fact that this is the construction project based on the already – made up lists of equipment and works to supply, a layout of the whole STP should also be part of the tender of documentation , to see the location of the plant within the relation of the layout drawing of the STP with surrounding facilities?	Agencies are advice to visit the site before submission of BID.
20			Does the mean that two sets of coarse and two sets of fine screen have to be offered where one is automatic and the other is manual or can we offer one set of coarse and one set of fine screen which can both run in automatic and manual mode? As reweaving the plant layout attached to this tender, two screen chambers are planned. Is this correctly understood that in first chamber a mechanical (automatic) coarse and fine screen will be placed and in the other chamber manual coarse and fin screen will be	As per tender condition/ BOQ
21			Can you please supply the technological scheme (P&ID) for the STP.	As per tender condition/BOQ
22			Can you please supply the layout Drawing of the STP with surrounding facilities	Site location of proposed STP wherein the AIIMS-Delhi, Masjid moth, New Delhi, can be visit at site and contact person Sh. Rajesh Gupta, Manager

				(Civil), HSCC (I) Ltd., Contact No. 0120-2542436
23			Please provide the same	As per tender condition/BOQ
24			Addition time required.	As per tender condition/BOQ
25			Please revise the clause and enable the JV provision	As per tender condition only.
26			Please revise the clause as partners past experience can be consider.	As per tender condition only.

All other terms & Conditions of the Tender shall remain unchanged.

Prospective bidders are advised to regularly scan through HSCC e-tender portal <http://www.tenderwizard.com/HSCC> & HSCC website <http://www.hsccltd.co.in> as corrigendum/amendments etc., if any, will be notified on this portal only and separate advertisement will not be made for this.

(- Sd -)

General Manager (Projects), HSCC (India) Ltd.,
For & on behalf of Director, AIIMS, New Delhi