

Pre-bid Meeting (ONLINE Mode) held on 12-12-2023 at 1500 hours

Tender No.: GTE/2023-24/087 dated 04-12-2023

**SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF
AUTOMATED DRIP IRRIGATION SYSTEM**

Table A indicates the Authorized Representatives of the firms that participated in the Pre-bid Meeting.

Table A

S. No.	Name of the Firm and details of the Authorized Representative(s) who participated
1.	Mr. P.Sengottaiyan. - M/s Jain Irrigation Systems Ltd
2.	Mr. Chandrasekar,P – M/s Netafim Irrigation India Pvt. Ltd
3.	Mr. Ranjith.A.Menon - M/s Poljo Vyapar Kendra Private Limited

Table B indicates the queries raised by the bidders and the clarifications provided by the institute.

Table-B

M/s Jain Irrigation Systems Ltd		
S. No.	Query	Clarification
01.	In the Fertigation machine, the flow of the Ventury is mentioned as 50 Lph. Whether this is the minimum flow or maximum flow.	It is not the minimum or maximum flow rate but rather the recommended or optimal flow rate for efficient and effective operation.
02.	Booster pump Head: Why it should be 53mt when the operating pressure is 2-4 Ksc. It can be to meet the requirement.	The booster pump head of 53 meters is specified to account for the total resistance the pump must overcome in the system. This includes elevation changes, friction losses, and the pressure needed to achieve the desired operating pressure of 2-4 Ksc. It ensures the pump has enough energy to meet these requirements under various conditions, providing a margin for the system's dynamic head.
03.	The Disc filter Flow rate mentioned as 4m ³ /hr-3/4''. But nominal flow rate is only m ³ /hr for the 3/4''	The diameter of the inlet and outlet pipe is 3/4'' whereas the maximum flow rate through the pipe will be 4m ³ /hr
04.	Where this Ventury will be used while an Automated Fertigation machine in place.	Venturi injector can be installed in the water supply line. Specifically, it is placed in the section where water is flowing from the water source to the irrigation system.
05.	The Turbonet Technology is a Terminology used by a particular company and it is not a universal term for the Dripper. This needs to be removed or a standard term to be used.	For research purpose the mentioned technology or item which meets the similar specifications is required
06.	The Aquavit Coil is a particular company's Trade name and it should be a general Term (Solenoid Coil)	For research purpose the mentioned technology/ item which meets the similar specifications is required

07.	Size and No of Tank not mentioned.	Size of tank:500 litre No of Tanks:5 Nos
08.	Supply of Pump under whose scope. If supplied by the customer (IIT) what is the capacity? Or if a pressurized line is available. If so, what is the flow and pressure? (Need clarification on water source)	Pump Requirement: 1.Q (cu.m/h) = 4.0 2.Q(lps) = 1.1 3.H (mt) = 28 4.HP (by formula) with 60% efficiency = 3.0 Water source: Bore well
09.	What is the size of the Irrigation Room. Electricity and Civil work inside the Irrigation room under whose scope	Irrigation room Size:greater than 40 sq meters Electricity, Water source and Fertilizer platform will be provided by the Institute. However the remaining works need to be performed by the vendor
10.	Who will operate the system on day-to-day basis and details of training required to be clearly mentioned	farmer/engineer/ research scholar /field staff
11.	All the standard and specification should be confirmed to BIS(Bureau of Indian Standard) . It is applicable to laterals, pipes, Drip Lines, Filters etc.	The specifications mentioned in the document to be followed.Kinldy adhere to the unit conversion rules if applicable

M/s Poljo Vyapar Kendra Private Limited		
S. No.	Query	Clarification
01.	We need to know about the water source and supply of electricity,whether it will be provided by you at site.	Electricity, Water source , Fertilizer platform will be provided by the Institute. However the remaining works need to be performed by the vendor
02.	Payment details - Whether part payment or final payment after completion of work.	100% Payment after Supply, Installation, Testing, Commissioning and Certification by the end user.
03.	If we produce MSME certificate, whether we are eligible for exemption of the tender amount.	The firms who are registered with National Small Industries Corporation (NSIC) / or Small Scale Industrial (SSI)/ Micro & Small Enterprises (MSEs) are exempted from submitting the EMD. NSIC / MSME registered bidders must submit a copy of a valid NSIC / MSME Registration Certificate for exemption of EMD. It will be applicable for those bidders who shall produce their own goods or provide their own services, and not applicable for trading purposes

The Closing Date and Time of the Tender is 03-01-2024, 10:00 a.m.

All other Terms and Conditions of the Tender remain unchanged.

REGISTRAR