

Clarification Q&A (Answers are in blue font)

1. For crop types to be cultivated. Although oranges are stated as a major cultivation, is there also inter cropping required?

Response:

The primary crop is **oranges**, and the system should be designed accordingly. No intercropping is planned or required at this stage.

2. There are two methods of drip irrigation for fruit trees: 1. Loop system (an integrated drip line with few drippers will make a loop around the fruit base) and 2. Online drippers of larger discharge will be inserted on the running blind lateral at each fruit tree base. Which method shall we consider. Or can we suggest?

Response:

Bidders are encouraged to propose **technically sound and cost-effective solutions**. The proposed drip irrigation method must be:

- Clearly explained and justified based on technical merits
- Suitable for both **established orange trees and new seedlings** across the 35-hectare area
- Aligned with the project's goals of **long-term functionality, ease of maintenance, and efficient water use**

We welcome your expert recommendation, if it meets these requirements and is well supported in your proposal.

3. Water source. Is it a river, pond, or well? How far is the water source from the irrigable plot?

Response:

There is an **existing pump and reservoir system** located near the irrigable plots. However, the **original water source**—whether river, pond, or well—and its **exact distance from the farmland may vary**.

Bidders are expected to **verify the available water source** and ensure their proposed system design is **fully compatible with the existing infrastructure** and **suitable for irrigating approximately 35 hectares** of orange farmland. Any **assumptions, technical considerations, or design justifications** must be clearly stated and supported in the proposal.

4. Does the water source have existing pumping mechanism? If yes, what discharge and pressure does it have? Or do we need to include pumps as well? Is there a pump house which can accommodate filtration system available?

Response:

An existing pump and reservoir system is available on site. Bidders are expected to evaluate its capacity, discharge, pressure, and overall compatibility with the proposed manual drip irrigation system, including the number of existing facilities and the presence of a separate pump house.

If additional components—such as filtration units or structural modifications—are necessary to ensure the system’s full functionality, these must be clearly identified and included in the proposal.

5. Are we required to submit a preliminary design and BOQ now? Since the drip irrigation is pressurized and considerably larger area size, there may be a need to conduct topographic survey and agronomic study to determine slopes, existing structures, crop water requirements and water quality studies for a better and final irrigation system design. If this is the case, the design work and bill of quantity drawn now as per the TOR will be subjected to variation later on. Is this possible? Is the expectation to perform a preliminary design or is assumed to be a final one?

Response:

You are required to submit a **final, complete, and site-specific manual drip irrigation system design**, along with a **final and detailed Bill of Quantities (BOQ)**.

- The design must be based on all relevant site-specific parameters, including **topography, soil characteristics, water source type and distance, pressure requirements**, and any other essential technical factors.
- The **design and BOQ must not be subject to revision** at a later stage.

6. In preparation of an offer, is it possible to print the RFQ and fill in the formats manually?

Yes, it is possible to fill manually on the printed RFQ provided that the writing is clear and legible. Once completed, the document should be stamped to ensure authentication, then scanned and returned via email.

7. The technical proposal, company profile, experience, dealer agreements and financial statements will be too large documents to attach with poor internet connection. Is it possible to attach the documents separately while in one email?

Yes, it is possible however, make sure to clearly indicate the document names and the email submission for subjects are properly labeled. All documents must be submitted before the deadline.