

Frequently Asked Questions

- 1. Please provide the location of the existing bore wells and its capacity.**

Two Number of Bore wells of 6 inches and 8 inches have been drilled at the project site. The exact locations of the bore wells will be shared shortly.

- 2. Provide detail of tasks and works to be provided by the Energy Research Centre of the Netherlands (ECN) and how will it participate in the design of the plant and relation with the EPC contractor.**

Energy Research Centre of the Netherlands (ECN) will be predominantly involved in review and guidance on the design of the power plant. Further, they will be part of the project Governance and Management while implementing the action.

- 3. We assume that the power capability of the plant of 3MWe is gross power at the electrical generator output. Please confirm.**

3MWe is the nameplate capacity

- 4. Building and in general, facilities of the plant are not adapted for handicapped people. Please confirm that it is not required.**

All the facilities and buildings at the project site shall be constructed as per the building codes and norms for the power plants.

- 5. Please confirm that in the design included in the tender documentation the biomass boiler can provide steam to the turbine and, at the same time, super-heat the steam from the solar steam generator to the turbine.**

Yes, in one of the options of plant operation, the biomass boiler shall provide steam to the turbine along with superheating the steam received from solar steam generator.

6. Can a Manufacturer/Supplier, which is not included in the List of Vendors provided in the bid document, be included as a supplier/partner?

Yes, it can be included. However, the list of all the vendors is to be provided before the final bid submission. In case of a valid reason, a new supplier/partner can be added upon prior intimation to the Purchaser (CSTEP).

7. Plant operation is envisaged only during the sunshine hours. We understand that it is not a mandatory to produce every time we have DNI available, but are we free to use the sun energy available to obtain the optimal production condition within the tender requirements?

The EPC contractor is free to decide on the optimal condition of power production, as per the DNI availability.

8. It is indicated in the tender documentation, a value of at least 15% of “Capacity Utilization Factor” or “Plant Load Factor” (the two nomenclatures are in the documentation). This value suppose: net annual energy production = 3 MWe * 15% * 8760 h = 3,942 MWhe. We consider that this net annual energy production has to be served by the complete plant (Solar Thermal + Biomass), is this correct?

Gross capacity of the power plant to be considered for CUF estimates. CUF of 15% is to be served by the complete plant and a minimum 50% of the thermal energy to be from solar field.

9. Qualification criteria for Bidder (Section 3.10 Volume 1).

The qualification criteria is to be satisfied by the Bidder either as a Consortium (lead member along with its associates) or by an EPC firm in case of single applicant.