



September 20, 2018

Clarification minute No. 2

Invitation to Bid (ITB) No. 2018/CSAPC/FNJOR/100231

“Design, construction and commissioning of a co-digesting sludge/ bio waste biogas plant (50 kW CHP) in Mafraq, Jordan”

I. ANSWERS TO ADDITIONAL QUESTIONS RECEIVED:

5. *Did the land appointed by FAO already receive authorization, which allows the construction of the biogas plant? Has there any soil analysis been done for this land?*

All project activities are permitted by issuance of a Project License from Ministry of Planning and International Cooperation. The only information available regarding the soil is detailed in the ITB document, Appendix A, paragraph 7.1 Site overview.

6. *Is the contractor able to get 3-phase 380V electricity power from FAO at site for construction? If yes, how much kW capacity? Otherwise, how much is the price if electricity need to be bought from the WWTP?*

FAO will not be able to provide electricity. The selected Contractor will have to take care of all necessary arrangements for power supply during the construction phase (e.g. generator set, 3-phase).

7. *As civil work construction requires some water, is it possible to get tap water on site? Or from the WWTP? What is the price for water?*

Water for construction purposes is available via truck at an average cost of four (4) JOD/m³.

8. *Point vi of paragraph 6.8 [in Appendix A] in the tender document mentions a transformer which might be needed for extra electricity feeding to the grid, but grid feeding facilities are not listed in the price list. Considering the small capacity, we assume at this stage that feeding to the grid is not mandatory, is that correct?*

The grid connection power issue has to be considered in the design. The pilot project of 50 kW has to be up scalable hence the need for grid feeding preparedness. Bidders should provide supplementary accessory list where deemed necessary.

9. *Is it possible to give us an acceptance point in the WWTP for the liquid discharged by the biogas system? How does the existing FAO compost station receive materials from the biogas plant?*

A front loader will be provided for the plant for such movement of feedstock.



10. *As the contractor is asked to prepare a business plan for the plant – the transportation of the organic substrate will be done by the responsible of the sorting, is that correct?*

That is correct.

11. *According to our experiences, some basic laboratory equipment and tools are useful for a biogas plant. Should we include those items in the price list or separately add the components to the list? Or should we follow the provided template for the price list and ignore points such as laboratory equipment and other items such as a flocculant adding facility?*

You can include those as options; please provide such equipment separately as part of your proposed design.

12. *Do you have a list of local civil work companies?*

No. The best source is the Jordan Construction Contractors Association website (Arabic).

II. Additional questions received to be answered by September 26, 2018.

13. *Is it correct that as an importer and goods consignee, FAO will deal with import procedures under the support of the contractor? This includes that FAO will provide VAT and tariff free documents, is that correct?*

You may submit additional questions regarding this tender through UNGM only. **IMPORTANT: Deadline for questions is October 2, 2018.**

All communications concerning this tender (questions, comments, requests) should mention the tender number (2018/CSAPC/FNJOR/100231). Bidders may request clarification of any of the tender documents described in paragraph 2 above. Such request must be sent in writing **through UNGM only**.

FAO shall endeavour to provide answers to clarifications in an expeditious manner and not later than five (5) calendar days before the closing date of the tender. Any delay in such response shall not cause an obligation on the part of FAO to extend the submission date of the Bid, unless FAO deems that such an extension is necessary.

III. SITE VISIT INFORMATION:

1. In order to perform a visit to the site of works, interested bidders shall provide the following information through UNGM:
- Copy of identity card (Jordanian Citizens).
 - Copy of valid passport and visa (foreigners).

Site visit is mandatory according to the tender documents (paragraph 3.2 a) of the ITB).



2. Please note that the time required to obtain entry passes from the Syrian Refugee Affairs Directorate is of **two (2) working days for Jordanian citizens** and from **two (2) to four (4) weeks for foreigners**. Please indicate the preferred date(s) for the site visit(s). FAO cannot guarantee that the required permit will be granted or the preferred date will be available. Tentatively the site visits will be scheduled as follows:

Required documents (item 1 above) submitted via UNGM not later than:	Tentative Site Visit	Meeting point
September 23	September 30, 2018	Meeting point at Zaatari Refugee camp gate at 10:30 AM

CLOSING DATE OF TENDER: October 14, 2018 – 20:00 hrs. (Rome, Italy time)

Thank you and kind regards,

FAO Procurement Service