

## **NCB for procurement of Non-Consulting Services**

### **Topographic Survey for Tbisi Kumisi, Kvemo Samgori and Zeda Ru Irrigation Schemes**

**#IDIC/NCS/NCB/01**

#### **Questions and Answers 1**

During the course of the tender, interested bidders submitted some questions regarding the Bidding Document for the captioned tender by email. Thus, relevant answers were prepared, which are given below:

1) On page 56, paragraph (1), it is stated that the location of the project is given in annex 1, but searching through the documents no maps were found. Would you possibly send us a copy of that or give us a coordinate of the area?

**Answer 1: Relevant files are attached.**

2) On page 56, paragraph (2), survey alignment of first 200 meter of all secondary distributor canals is stated. What do you exactly mean by alignment of the pipelines? And are they completely buried and should be located by special methods like Ground Penetrating Radar?

**Answer 2: The alignment of the pipe line is the likely centerline of the pipes to be placed. This will be shown on site by our representative. There are no buried pipes and no special methods are required.**

3) On page 56, paragraph (3), the supply of topographic map in 1/10000 and 1/5000 is required. Where should a consultant acquire this information? And if possible inform us what the approximate price of that would be?

**Answer 3: We do not know where to acquire these maps and what the price is.**

4) On page 56, paragraph (4), verification of the contour lines of the aforementioned maps is requested using DGPS method. How much discrepancy do you expect the maps might have? Or in other words what is the date of the conducting surveying operation of those maps?

**Answer 4: The maps are usually quite accurate and we expect that the error would be in the order of a few meters.**

5) On page 56, paragraph (5), 3D alignment for secondary and tertiary level buried pipelines is stated. Is this work just an office work? In other words should the consultant just do a CAD drawing for that?

**Answer 5: The alignments should be made available in GIS form acad drawing. The Service Provider should verify that the terrain in reality corresponds with what is visible on maps and satellite imagery and that for instance no structures are present which may prevent placement of pipelines.**

6) On page 57, description of the required topographic survey of secondary canals (82.25 km long for Qvemo Sagmori and 101.61 km in Zeda-Ru irrigation scheme) is provided but no description is considered for tertiary canals (900 km). Is there any other description for tertiary canals or they should be conducted like secondary ones.

**Answer 6: They should be conducted as secondary canals.**

7) On page 57, description of the required topographic survey of secondary canals, the length of the cross section is not mentioned. Please confirm if they should be surveyed for 50 meter from canals centerline.

Answer 7: There is no need for 50 m width. 10 m from center line will be sufficient.