



EUROPEAN UNION

Delegation of the European Union to Bosnia and Herzegovina

Clarification No.2 to the Tender Dossier
Supply of equipment for the development of hydrological flood forecasting system for Sava River Basin in Bosnia and Herzegovina (Phase 1, Bosna River)

Publication reference: EuropeAid/138452/SUP/SUP/BA; Tender no: EC/BIH/16/018

QUESTION 1:

ANNEX II+III: Technical specifications. The tender dossier doesn't explicitly mention any civil work for the stations to be installed and commissioned by the Contractor. Please confirm that civil works/site preparation and all related authorizations or any other document for sites are out of the scope of this Bid, as no sites visits and inspections are scheduled during tender preparation.

ANSWER 1:

All preparatory civil/site preparation works and all related authorizations or any other documents to allow for installation at the particular sites is under responsibility of the project beneficiaries. However, the Contractor is responsible for all necessary works that are specifically related and necessary for the proper installation/mounting of the particular equipment.

QUESTION 2:

ANNEX II+III: Technical specifications. Page 10/61, item 1.4.3. Please confirm that the required warranty terms include the cost of transport from/to Beneficiary's premises (intended as main offices) to contractor/manufacturer's authorized location, and not from/to remote installation sites.

ANSWER 2:

Please see Corrigendum No. 2 to the Tender Dossier.

QUESTION 3:

ANNEX II+III: Technical specifications. Page 11/61, item 1.5.1. The indication of which costs related to trainings are under Contractor's responsibility is not clear, as the use of "and/or" and "if applicable" expressions can lead to very different budget calculations. For example is not clear if participation fees are requested or no, for the expected list of Beneficiary's technicians. Please better elaborate an exact and clear list of costs to be included into the bid proposal.

ANSWER 3:

Contractor will pay all expenses for participants: that means accommodation costs, transport costs and meal.

QUESTION 4:

ANNEX II+III: Technical specifications. Page 44/61, item 4.1. The main mast height is indicated as 2,5m. Is a solution made by 3m pole acceptable? Temperature/humidity measures are taken between 1.25 and 2m according to WMO-CIMO guide PART I. MEASUREMENT OF METEOROLOGICAL VARIABLES pag.66.

ANSWER 4:

Please see Corrigendum No. 2 to the Tender Dossier.

QUESTION 5:

ANNEX II+III: Technical specifications. Page 44/61, item 4.1 and Page 48/61, item 4.2. The rain gauge mast height is indicated as 1,5m. Can you clarify that this height could be considered the height of the mouth of rain gauge, as per WMO-CIMO indications?

ANSWER 5:

Yes it is correct. According to Guide to Meteorological Instruments and Methods of Observation (WMO No 8, item 6.1.4), mouth of rain gauge should be at 1.5m.

QUESTION 6:

ANNEX II+III: Technical specifications. Page 47/61, item 4.2. There is no clear indication about the height of pole for these stations (only the rain gauge pole is mentioned). Please better clarify the meaning of "up to 10 meter pole", as this expression doesn't allow a clear and incontrovertible technical solution.

ANSWER 6:

Please see Corrigendum No. 2 to the Tender Dossier..

QUESTION 7:

ANNEX II+III: Technical specifications. Page 47/61, item 4.2. The lighting protection system (rod) is not mentioned for these stations. Please clearly specify if this choice is confirmed or a lighting protection system (rod) should be supplied, as per item 4.1.

ANSWER 7:

Please see Corrigendum No. 2 to the Tender Dossier.

QUESTION 8:

ANNEX II+III: Technical specifications. Page 53/61, item 4.4. The tender mentions “staff gauge” but there is not specification on quantities and number of stations where such staff gauges should be installed. Please clearly indicate ranges and quantities to be supplied. At the same time, please clearly identify if the differences among sites are to be intended only for installation method or also as kind of gauges to be supplied and if the installations of staff gauges have to be done by the Contractor.

ANSWER 8:

Please see Corrigendum No. 2 to the Tender Dossier.

QUESTION 9:

ANNEX II+III: Technical specifications, page 56/61 and Special Conditions, page 2 of 5, Article 12.2b paragraph 2. The tender clearly indicates that “delivery and installation locations of Meteorological and Hydrological stations are different than addresses of Hydro-meteorological Institutes”. As the tender asks to provide a “all-risk” insurance from the warehouse to place of delivery, please confirm that the “warehouses” are to be intended as part of Hydro-meteorological Institutes, where the goods can be stored before onsite delivery and installations by the Contractor, according to implementation plan agreed with Beneficiary.

ANSWER 9:

In regard to equipment subject to LOT 4 please see below:

For the equipment for the FHMI: Warehouse will be the FHMI in Sarajevo, where the equipment will be stored until the time of transporting the equipment to the site to be installed. Transport to the site is to be organized and paid by contractor.

For the equipment for the RHMS: Equipment needs to be stored by the contractor before installation.

For the equipment for the DB: Warehouse will be in Department for Agriculture, Forestry and Water management of the Government of DB BiH, Mostarka Street 195, where the equipment will be stored until the time of transporting the equipment to the site to be installed. Transport to the site is to be organized and paid by the contractor.

QUESTION 10:

ANNEX II+III: Technical specifications. Page 60/61, item 4.3. The coordinates of Groundwater Level Measuring Station - GWS Sokolović Kolonija Latitude: 43°18'19"N Longitude: 18°19'38"E seems to be wrong as the site is not apparently corresponding to typical water monitoring location (forestry area). Please check the informations.

ANSWER 10:

Please see Corrigendum No. 2 to the Tender Dossier.

QUESTION 11:

ANNEX II+III: Technical specifications. Page 60/61, item 4.4. The coordinates of Hydrological Station - GHS Kiseljak – most Latitude: 43°56'35"N Longitude: 18°04'54"E seems to be wrong as the site is apparently corresponding to Hospital area. Please check the informations.

ANSWER 11:

Please see Corrigendum No. 2 to the Tender Dossier.

QUESTION 12:

ANNEX II+III: Technical specifications. As all the stations should transmit via GPRS modem, please confirm that SIM cards and related transmission fees are not included into Bid proposal.

ANSWER 12:

Costs of SIM cards and related transmission fees are responsibility of the beneficiaries.

QUESTION 13:

ANNEX II+III: Technical specifications. Page 51/61, item 4.4. Please clearly indicate if mounting poles for the allocation of control cabinet and specific arm support for radar sensors should be supplied or not by the Contractor.

ANSWER 13:

Please see Corrigendum No. 2 to the Tender Dossier.

For the arm support for radar sensors please also refer to the technical specifications, Sensor technical specifications, 3rd bullet indicating:

- Measurement: water level or depth to water from a bridge, pier or mounting arm;

QUESTION 14:

In the tender document, Lot no.4. under section 4.3. GROUNDWATER LEVEL MEASURING STATION on page 50 you are requesting under "Power supply": Lithium cells, at least 3.6 V/26 Ah.

Please answer if all batteries which are powering this GROUNDWATER LEVEL MEASURING STATION must be replaceable at the installation site or it is also allowed to dismount GROUNDWATER LEVEL MEASURING STATION and bring it to the special workshop to replace batteries which are installed in the probe protected under requested IP68 protection standard.

ANSWER 14:

Please see Corrigendum No. 2 to the Tender Dossier.

QUESTION 15:

In the tender document, Lot no.4 under section 4.4. HYDROLOGICAL STATION on page 53 you are requesting:

"On location must be installed staff gauge. Depends on location should be chosen technical variations of staff gauge (vertical, horizontal, inclined or step type). Staff gauge must be shock-resistant and weatherproof, with total width of up to 150 mm."

Please answer who is responsible for the installations of the staff gauges at all 10 installation sites and how many staff gauges would be installed? Please let us know how many horizontal and how many vertical staff gauges would be installed?

ANSWER 15:

Please see Corrigendum No 2 to the Tender Dossier. In addition please note that all staff gauges are vertical.

QUESTION 16:

Item 1.7. – Rugged laptop – water resistant laptop: Regarding technical specification, you specified “at least 65Wh Lithium Ion battery”. Is it allowed to offer “Primary Lithium-Ion (6-cell, 46Wh) + second battery (6 cell, 32Wh)”? In this case your request will be completely fulfilled.

ANSWER 16:

Please see Corrigendum No. 2 to the Tender Dossier.

QUESTION 17:

Item 1.8 – LAPTOP: Regarding technical specification, you specified “Dimensions: max. 400mm (W) x 260mm (D) x 27mm (H)”. We are able to offer laptop with EU origin with dimension max. 400mm (W) x 260mm (D) x30mm (H).

Is it acceptable to offer laptop with following dimension, since the only deviation is 3mm?

ANSWER 17:

Please see Corrigendum No. 2 to the Tender Dossier.

QUESTION 18:

ANNEX II+III: Technical specifications. Page 50/61, item 4.3. specification of Groundwater Level Measuring Station are very likely to be the same of a specific manufacturer and a full total compliance can be offered only using that product. In particular, the requirement of 500,000 measured values seems not reachable by any other supplier, and considering that the system is provided with remote transmission, we ask to open the requirements accepting a minimum of 150,000 data lines, in order to allow a fair competition among different suppliers.

ANSWER 18:

Please see Corrigendum No. 2 to the Tender Dossier.