



UNIDADE DE GESTÃO DE PROJECTOS ESPECIAIS

Av. China, Edif. Tribunal Constitucional, 3º andar
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CLARIFICATION Nº 1

Project: CABO VERDE STATE OWNED ENTERPRISES RELATED FISCAL MANAGEMENT PROJECT

RFQ No: 033-SOE-UGPE - REQUEST FOR QUOTATION SUPPLY, ACTUALIZATION AND DENSIFICATION OF THE PERMANENT GNSS STATIONS NETWORK IN CABO VERDE.

Q1: Deadline for Quotation submission: We would like to ask if the deadline for quotation submission can be extended at least 2 weeks to have sufficient time to prepare all the bidding documents and source all requested goods?

A1: The deadline for bids submission is extended until December 08, 2022 at 15h00 local time

Q2: Bid Opening Date: When is the opening of the bids? Is it public? Can we attend via a Team call or equivalent?

A2: The opening shall be at the same day, at 15h30. A link for online attendance will be share with all bidders that submit quotation before the opening date.

Q3: Information for post qualification: For the information for post qualification, the contracting authority is requesting proof of experience and safety. We would like to request to add a proof of financial capacity to support the project by proving average yearly revenues for last 5 years at least equivalent for the bidding price and an overall turnover of 5 Mio Euros.

A3: The information for post qualification are the inserted in the RFQ document.

Q4: Incoterms are not defined: based on the statement made on page 6 ("Proposed prices") should we assume we would deliver is CIP Praia Airport?

A4: Yes, the incoterm shall be CIP. Equipment can be transported by any means, observing the transport protocols for equipment of this nature. It is also necessary to consider that the equipment will be installed on-site (see related services).



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Q5: Following points are not mentioned at all, can you please clarify?

5.1 Labels or marking: is there a special request?

A5.1: Yes, "CABO VERDE STATE OWNED ENTERPRISES RELATED FISCAL MANAGEMENT PROJECT - GNSS STATIONS NETWORK IN CABO VERDE"

5.2 Certificates: does you need any specific product certification (certificate of product, CE-Certificates, etc)?

A5.2: Yes.

Q6: "(...) However, it is not clear if can qualify to submit a proposal to the RQF above because it says on Point 4. Evaluation Criteria, that: Information for post-qualification: - At least 2 years of experience in supplying the goods required in this tender demonstrated through a list of similar contract for the last 24 months; Evaluation criteria of quotation: - Legally established firm with experience in supplying and installing similar equipment for at least two (2) years;

I can prove that I have more than 2 years of experience (in fact, more than 20 years) through my work at and through different companies. In fact, I can provide documentation from different clients attesting that they have contracts with that are follow-ups of previous contracts with companies were I was participating. Will be this enough to qualify to submit a bid?

A6: This request for quotation is for firms/ bidders, not individual person. The interested shall submit information of the supplier firms.

The bidders (firms) shall demonstrate the experience and qualification as required in the RFQ document for evaluation of nominate commission.

Q7: What type and model are the existing stations and antennas?

A7:

- i. **Antena Trimble Zephyr Geodetic II**
- ii. **Receptor Trimble NET R9**
- iii. **Radio Trimble Radio TDL 450H**
- iv. **SW Trimble VRS3Net**

Q8: What might the upgrade of the five existing stations include?

A8: All updates

Q9: Is the internet and static IP possible on all sites?

A9: Yes, they will be provided by Mobile Operators.

Q10: What might the upgrade of the five existing stations include?



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A10: All updates

Q11: Is the internet and static IP possible on all sites?

A11: Yes, they will be provided by Mobile Operators.

Q12: Who will bear the internet and static IP costs?

A12: By the entity responsible for Antennas Management

Q13: Can the two new stations be calculated based on the existing five stations' coordinates?

A13: The same methodology will be used as the Calculations of the other Stations (and can be confirmed with the other Stations)

Q14: Can the station management software be installed only in the Cloud?

A14: There is a server and software, but we need a new server.

Q15: Who will bear the running cost of the Cloud?

A15: If the Cloud is decided, it will be supported by the entity responsible for Antennas Management.

Q16: Item Number 1 # Multiconstellation GNSS Geodetic Receiver and its Accessories: Can you please clarify what do you mean by the following requirement: " Electricity: Ethernet Circuit;"? We assume you need power supply via mains (220 VAC) and 12VDC. Please confirm.

A16: What is intended is the power supply through an electrical network and an auxiliary source, via solar energy, so that the stations always remain with energy in case there is a power failure via the electrical network (this system already exists in the 5 stations but needs an evaluation, as the batteries are many years old)

Q17: Item Number 8 # Stations Management Software: Do the software need to collect data from the stations, generate RINEX files, and distribute it to users?

A17: Yes, this software already exists for the 5 stations; it will be necessary to upgrade and acquire a new one.

Q18: What do you mean by "Real-time stations monitoring"? What parameters do the SW needs to monitor in particular?



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A18: The antenna's working status, the software used for the 5 stations is Trimble VRS3Net

Q19: Service 1: Upgrade of the 5 (five) Permanent Stations: What is the type, brand and model of the receivers and antennas of these 5 permanent stations, are they capable to log RINEX and stream RTCM v3? Do they have the same specifications as the 2 new ones?

A19: Streams in RTCM and logs in RINEX (but needs to be updated)

The two new stations do not necessarily need to have the same specifications or the same brand, it could be a more current version with better capabilities.

Q20: Do the receivers need to be upgraded, or only the accessories of the permanent station?

A20: Yes, they need to be updated and reconfigured with new needs and accessories as well.

Q21: On page 18 "The equipment of the existing stations are stored in appropriate technical boxes, and their replacement should be ensured in case they already show some damage." Does it mean that we may have to replace the existing GNSS receivers or the technical boxes? Please inform us about the status of the GNSS equipment.

A21: We are talking about the boxes, and the replacement of the receivers will not be necessary. The GNSS equipment is in good condition.

Q22: In case you want to upgrade the receivers of the 5 permanent stations, can you please specify what are the technical requirements for the upgrade?

A22. It should be updated with the latest updates and always allow for recent updates if possible.

Q23: Service 2- Acquisition, installation, observation, and integration of two (2) new stations in the Permanent Stations Network of Cabo Verde: About installation: Are the sites already selected?

A23: Yes, the two new stations will be installed in the municipal councils building (Ponta de Sol/Ribeira Grande island of Santo Antão and Tarrafal Municipal Council in the island of São Nicolau)

Q24: "Support and fixing structure". Do they have specifications? rooftop setup or ground setup?

A24: The 5 stations are on the terrace of the Municipal Chambers; however, the two new stations can propose a structure for fixing since they will be better and require less maintenance.

Q25: page 17 existing stations "For their safety and protection of the system, they are located in the buildings of the City Halls of the respective municipality." It seems this is rooftop. Please confirm.



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A25: Confirmed! They are located in the Municipal Councils except for Sal island which is located in the INMG Building (National Institute of Meteorology and Geophysics)

Q26: In case of rooftop setup, is the building grounded? Antenna cable length?

A26: 20 to 25 meters

Q27: Routers: are the 4G internet connection available at each site?

A27: Yes

Q28: Can you confirm that all SIM cards costs are supported by the beneficiary?

A28: The costs will be borne by the entity responsible for the Management.

Q29: Page 18 "A router with dedicated firmware should also be installed in each station, which enables remote access without the need for fixed IP" and page 19 "It is mandatory to have remote access to the station via static IP." Is a static or fixed IP required or not?

A29: Access via a fixed IP!

Praia, November 14, 2022.