



AMAZON PROJECT: REGIONAL ACTION IN THE AREA OF WATER RESOURCES - PHASE II

AMAZON COOPERATION TREATY ORGANIZATION – (ACTO)

**NATIONAL WATER AND SANITATION AGENCY – (ANA/BRAZIL)
AND**

BRAZILIAN COOPERATION AGENCY (ABC/MRE)

PUBLIC BIDDING

CONTRACTING MODALITY: TOMA DE PRECIO GLOBAL

TYPE OF BIDDING: PUBLIC CONCURRENCE

GLOBAL QUOTATION : R\$689,000.00 (six hundred and eighty-nine Brazilian Real)

PROCESS: No. LP/PAII/01/2024

1. OBJECTIVE

The purpose of this bidding is the acquisition and supply of Automatic Telemetry Stations, also known as Automatic Data Collection Platforms (DCP), for the implementation of the Hydrometeorological Monitoring Network of the Amazon Basin within the framework of the Amazon Project. This project is the result of collaboration between the National Water Agency (ANA) and the Amazon Cooperation Treaty Organization (ACTO) mainly to collect hydrometeorological data from the Amazon Basin to improve the management of the region's water resources. The technical specifications of the equipment are detailed in Annex I.

2. TECHNICAL SPECIFICATIONS OF THE EQUIPMENT FOR DELIVERY AND INSTALLATION

The INTERESTED PARTY must submit five (5) Data Collection Platforms - DCPs according to the following information:

2.1. The technical specifications for the DCPs are defined as 'equivalent', 'similar', or of 'better quality'. These specifications establish quality parameters to describe the object of the bidding.

2.2. Each of the five DCPs must include the following:

- Barometric pressure sensor;
- Solar power system;
- Battery charge controller;
- GOES satellite communication system; and
- Data logger for data processing and storage.

In addition, the DPCs must be capable of operating simultaneously with the precipitation, river level, radar, and

pressure sensors specified in the document. This lot of 5 PCDs is composed as follows:

SUB ÍTEM	DESCRIPTION	UNT	PLACE FOR DELIVERY OF UNITS
1	Automatic Data Collection Platform - DCP	5	La Pastora, Atalaya, Puente Inambari, Limonal, Los Amigos.
2	Hybrid precipitation sensor (lever and weighing with self-emptying)	5	La Pastora, Limonal, Los Amigos, Inambari y Atalaya
3	Bubble type water level sensor	2	La Pastora, Limonal.
4	Radar-type water level sensor	3	Atalaya, Puente Inambari, Los Amigos.
5	Antenna Yagi	5	Atalaya, Inambari, La Pastora, Los Amigos y Limonal
6	Foldable 10m mast with winch	2	Limal y Los Amigos
7	Foldable 3m mast	3	Inambari, Atalaya y La Pastora
8	Satellite Communicator - GOES	5	Atalaya, Inambari, La Pastora, Los Amigos y Limonal.
9	Charge controller	5	Atalaya, Inambari, La Pastora, Los Amigos y Limonal
10	Solar panel - 30 Watt	5	Atalaya, Inambari, La Pastora, Los Amigos y Limonal
11	Batteries	5	Atalaya, Inambari, La Pastora, Los Amigos y Limonal
12	Lightning protection kit	5	Atalaya, Inambari, La Pastora, Los Amigos y Limonal

3. PLACE FOR DELIVERY OF UNITS

The equipment must be delivered, in a single body, to the *Servicio Nacional de Meteorología e Hidrología de Perú (SENAMHI)*, at the following address: Av. Fernando Tupac Amaru G9 A, Urb. Tupac Amaru District of San Sebastian, Cusco, Peru.

4. LOCATION FOR EQUIPMENT INSTALLATION:

Name of station	Department	Province	Basin	Coordinates	Coluna6	Coluna7
				Latitude	Longitude	Altitude (msnm)
Limal	Madre de Dios	Manu	Manu	12°13'59" S	70°56'22" W	323
Atalaya	Cusco	Paucartambo Alto	Madre de Dios	12°53'26" S	71°21'38" W	555
Puente Inambari	Madre de Dios	Manu	Inambari	13°11'10" S	70°23'6" W	464
La Pastora	Madre de Dios	Tambopata	Madre de Dios	12°35'05.4.4" S	69°12'51.7" W	180
Los Amigos	Madre de Dios	Tambopata	Madre de Dios	12°34'36.040" S	70°04'10.710" W	180

Comply with the requirements established in the terms of reference document, detailed in Annex I.



5. ELIGIBILITY OF THE BIDDER

The INTERESTED PARTY must submit the following documents in digital format:

5.1. Company's Articles of Incorporation:

- 5.1.1. This document must contain the essential data of the company, such as name, purpose, share capital, address, and duration; and
- 5.1.2. It must be signed by the founding partners and notarized.

5.2 Articles of association:

- 5.2.1. The articles of association must contain the rules governing the operation of the company; and
- 5.2.2. They must be signed by the founding partners and notarized.

5.3 Appointment of the Legal Representative:

- 5.3.1. This document must contain relevant information about the company's legal representative, such as name, identity card, and address; and
- 5.3.2. It must be signed by the founding partners and notarized.

5.4 Certificate of Registration in the National Taxpayer Registry (NIT or RUC) valid and active:

5.4.1. Company Constitution Document:

Includes the updated commercial registration, except for bidders whose legal regulations inherent to their constitution so provide.

5.4.2. Certificate of No Debt for Social Security Contributions.

6. PARTICIPATION

6.1. The INTERESTED PARTY shall send, exclusively by email and/or by filling the form, a proposal with the description of the offered object and the price, concurrently with the qualification documents required in the bidding terms, no later than the date and time established for the opening of the proposals.

6.2. In the phase of proposal and qualification documents submission by the INTERESTED PARTY, there will be no ranking of the proposals, which will only occur after the evaluation of the proposal.

6.3. The INTERESTED PARTY is responsible for all transactions carried out in its name, assuming as firm and true its proposals.

6.4. The INTERESTED PARTY may withdraw or replace the proposal and qualification documents previously sent by email until May 19, 2024.

6.5. All specifications of the object contained in the proposal bind the supplier.

6.6. The proposed values by INTERESTED PARTY shall include all operational costs, social charges, labor, taxes, commercial, freight, installation, insurance, and any other costs directly or indirectly related to the supply of the goods.



6.6.1. It is important to note that the equipment will not be exempt from customs or industrialization taxes.

6.7. The INTERESTED PARTY shall be responsible for the truth and accuracy of all descriptions of the object. Submitting a proposal that does not comply with the specifications defined in the Bidding Protocol and the Terms of Reference, the INTERESTED PARTY shall be subject to all civil, administrative, and criminal consequences, including compensation for damages caused to the ACTO and ON BEHALF OF THE INSTITUTION.

6.8. Those interested whose field of activity is compatible with the object of this bidding may participate in this contest.

6.8.1. The following may not participate in this bidding:

6.8.1.1. The participation of the interested party in any agreement that may generate a conflict of interest with the obligations and purpose of this tender is strictly prohibited.

6.8.1.2. Foreigners who do not have legal representation in Brazil with express powers to receive summonses and respond administratively or judicially.

6.8.1.3. Those in bankruptcy, subject to creditor arrangement, under receivership or insolvency, in the process of dissolution or liquidation;

6.8.1.4. Participation of legal entities in which an administrator or partner holds a commissioned or trusted position working within the contracting authority.

6.8.1.5. The holder of a commissioned or trusted position working in the area responsible for the demand or hiring; or

6.8.1.6. Participation of legal entities in which an administrator or partner holds a hierarchically superior authority position within the contracting authority is prohibited.

7. TECHNICAL ENABLEMENT

The BIDDER is required to submit their proposal using the following fields:

7.1. Unit value or global value of the set of equipment, following the evaluation criteria outlined in this Tender invitation;

7.2. the quantity of units, ensuring compliance with the minimum quantity specified in the Terms of Reference for each item;

7.3. the BIDDER must quote the total quantity for the item:

7.3.1 Brand;

7.3.2 Manufacturer;

7.3.3. Detailed description of the object, the model, warranty period;

7.3.4. Work Team conformation:

5.3.4.1. Technical Manager with a postgraduate degree in Hydrology, Meteorology, or related field;

5.3.4.2. Civil Engineer; and

5.3.4.3. Communications Engineer.



7.3.5. Company Experience:

- 5.3.5.1. Projects involving the installation of PCD stations;
- 5.3.5.2. Experience working in the Amazon basin; and
- 5.3.5.3. Knowledge and application of specialized software.

7.3.6. Technical Proposal / Methodology:

- 7.3.6.1. Proposed methodology to carry out the tasks described in the Terms of Reference;
- 7.3.6.2. Proposed Work Plan including deadlines for deliverables; and
- 7.3.6.3. Details of the work team, including their CVs, roles in the project, and experience (considering minimum requirements, education, and competencies described earlier).

7.4. Validity of the Offer; and

7.5. Payment Conditions.

8. CANCELLATION, SUSPENSION, AND ANNULMENT OF THE CONTRACTING PROCESS

The contracting process can be canceled, annulled, or suspended prior to formalizing the contract through a resolution that is expressly, technically, and legally justified.

9. CRITERIA FOR SCORING

9.1. Compliance with Technical Specifications (30 points), see .1:

- a. Complete compliance with all technical specifications: 30 points;
- b. Compliance greater than 90% of specifications: 20 points;
- c. Basic compliance (80-90%): 10 points;
- d. Compliance below 80%: 0 points;

9.2. Total Cost (20 points):

- e. Lowest cost proposal: 20 points;
- f. Proposal within 10% of the lowest price: 15 points;
- g. Proposal within 20% of the lowest price: 10 points;
- h. Proposal over 20% of the lowest price: 5 points;

9.3. Delivery Time (20 points):

- i. Delivery before the required deadline: 20 points;
- j. Delivery on the exact required deadline: 15 points;
- k. Delivery delayed by up to 5% of the deadline: 10 points;
- l. Delivery delayed by more than 5% of the deadline: 0 points;

9.4. Supplier Experience and Reliability (10 points):

- m. Extensive proven experience and high reliability ratings: 10 points;
- n. Moderate experience and good reliability ratings: 7 points;



- o. Limited experience but acceptable reliability ratings: 4 points;
- p. No verifiable previous experience or low reliability ratings: 0 points;

9.5. Technical Support and Warranty (10 points):

- q. Local technical support available and warranty exceeding 2 years: 10 points;
- r. Remote technical support with 2-year warranty: 7 points;
- s. Limited technical support with 1-year warranty: 4 points;
- t. No guaranteed technical support or warranty less than 1 year: 0 points;

9.6. Work Team Details, including CV and Installation Process (10 points):

- u. Complete installation in less than the estimated time: 10 points;
- v. Complete installation on the exact estimated time: 8 points;
- w. Complete installation with delay of up to 10% of estimated time: 5 points; and
- x. Incomplete installation or delayed by more than 10% of estimated time: 0 points.

The maximum possible total points are 100. The contract will be awarded to the bidder attaining the highest total score, thereby ensuring a well-rounded assessment encompassing quality, efficiency, and cost-effectiveness. This methodology fosters transparency and equitable competition, while also ensuring that the project requirements are optimally met.

10. STAGES OF BIDDING PROCESS

- 10.1 - April 25, 2024 - Opening of selection process;**
- 10.2 - May 3, 2024 - Deadline for submitting inquiries;**
- 10.3 - May 19, 2024 - Deadline for withdraw/replace the proposal and documents;**
- 10.4 - April 25, 2024 to May 26, 2024 - Proposal submission period;**
- 10.5 - May 27, 2024 - Opening of proposals/virtual version;**
- 10.6 - May 27, 2024 to May 31, 2024 - Analysis and evaluation of companies;**
- 10.7 - May 31, 2024 - Determination of the winning company;**
- 10.8 - June 4, 2024 to June 7, 2024 - Contract approval.**

For further clarification or inquiries, please contact us exclusively via the designated email address: **projeto.amazonas@otca.org until May 3, 2024.**

The SP/OTCA retains the right to modify/adjust the deadlines for proposal analysis and final results at any time.

11. SELECTION COMMITTEE

To advance through the selection process stages, SP/OTCA will establish a Selection Committee, consisting of a minimum of one executive official and two members from the institutional staff of ANA Brazil.

12. TERMS OF REFERENCE



The Terms of Reference are outlined in Annex I.

13. DURATION OF EXECUTION AND CONTRACTUAL TERM

The entire service duration is set at 120 (One hundred and twenty) days, commencing from the contract signing date. The specified products are expected to be delivered and installed in accordance with the Service Execution Calendar, which must be submitted along with the proposal.

14. DEADLINE FOR DOCUMENT SUBMISSION

14.1. Companies are required to submit all documents outlined in this bidding call in a digital format, either in Spanish or Portuguese, via the institutional email: projeto.amazonas@otca.org. Please indicate: [Amazon Project - Acquisition of Data Collection Platform - PCD]. Alternatively, if you prefer, you can fill out the documents using the form at <https://forms.gle/p1ncfGWwwh2Nb5mYA>

14.2. The winning company must provide all supporting documents in a virtual format, signed, and notarized (or authenticated by a similar institution in their country of origin) upon request. Failure to submit or incomplete submission of the documents will lead to the disqualification of the company.