



ASTI-FM 03-11
REV 1/13 January 2020

**DOST-ASTI Bids and Awards Committee
Invitation to Bid (Public Bidding)**

ITB No:	22-01-3734	Date:	January-19-2022
PR No:	REIINN-21-11-12804	Date:	January-18-2022
Source of Funds:			
Total ABC:	Php 2,922,000.00		
Time, Date & Venue of Pre-bid Conference:	January 27, 2022, 9:00 AM at Via videoconferencing		
Time and Date of Submission of Bids:	February 08, 2022, 10:00 AM		
Time, Date & Venue of Opening Bids:	February 08, 2022, 10:30 AM at DOST-ASTI and Videoconferencing		
Date of availability of Complete Set of Documents:	January 19, 2022		
Deadline of Potential Bidder's Clarifications:	January 29, 2022		
Deadline of ASTI's Supplemental Bid Bulletin:	February 01, 2022		
Delivery Schedule:			

The Advanced Science and Technology Institute (ASTI), through its Bids and Awards Committee (BAC), hereby invites all interested bidders to submit their bids for the item(s) listed below. Guidelines regarding the format, eligibility, technical and financial documents needed are described in the Instruction to Bidders of the Philippine Bidding Documents

Bidding will be conducted through open competitive bidding procedures using a non discretionary "pass/fail" criterion as specified in the 2016 R-IRR of RA 9184.

A complete set of Bidding Documents may be purchased by interested bidders upon payment of a fee for the Bidding Documents. It is also downloadable for free of charge at DOST-ASTI's website - www.asti.dost.gov.ph

For further inquiries, contact ASTI's BAC Secretariat via email at bac-sec@asti.dost.gov.ph. Interested bidders may also call the number - (632)-426-7423 and look for ASTI's BAC Secretariat.

Respectfully,

GERWIN P. GUBA
BAC Chairman

NO.	TECHNICAL SPECIFICATIONS	QTY	UNIT	UNIT PRICE(Php)	TOTAL PRICE(Php)
1	<p>Fabrication and Installation of Base Tower Supply, fabrication, delivery, and installation of the following items: 1. Base Tower - ABC: Php 2,200,000.00 2. Tower Perimeter Fence and Equipment storage Area- ABC: Php393,000.00 3. Preliminary Engineering Design, Survey, and Professional Consultations- ABC: Php 329,000.00</p> <p>1. GENERAL OVERVIEW 1.1. The DOST-Advanced Science and Technology Institute (DOST-ASTI) is seeking qualified and competent bidders for the above-stated requirements. 1.2. The equipment is necessary for the deployment and installation of REIINN project prototype in 2 locations- Tanay, Rizal (Site 1) and</p>	1	lot	2922000.00	2,922,000.00

Dona Remedios Trinidad, Bulacan (Site 2)

1.3. The approved budget for the contract is inclusive of all applicable government taxes and services charges.

1.4. The technical specifications written herein are of minimum requirements, otherwise stated.

1.5. Please refer to the attached Terms of Reference for the full specifications. It is understood that if there are discrepancies with this Purchase Request (PR) and the Terms of Reference (TOR), the TOR will supersede the PR.

2. REQUIREMENTS

2.1 Supply, fabrication, delivery and installation of Base Tower - Php 2,200,000.00

2.1.1. Specifications:

2.1.1.1 Supply, fabrication, galvanization, & installation of guyed tower made of GI pipe, complete with stiffener plates, splice plates, web bars, and all accessories as required in the attached base tower design and specification

2.1.1.2 Fabrication of 3000 x 16 mm dia. ground rods, copper-clad steel embedded to the ground, including cad weld connection to the grounding wire

2.1.1.3 The LTE Base Stations are expected to be installed in two locations- Site 1 is in Tanay, Rizal, and Site 2 is in Doña Remedios Trinidad, Bulacan.

2.1.1.4. Utilize the conceptual design, technical aspects, and details given by DOST-ASTI for a small-scale LTE base station tower and identify the scope of physical components and structures, specific outputs and requirements of the structures, and proposed methods of installation as necessary. Design and Bill of Materials (BOM) are available upon request.

2.2. Supply, Fabrication, Delivery, and Installation of Base Tower Perimeter Fence and Equipment storage Area- Php 393,000.00

2.2.1 The following are the design parameters for the perimeter fence and equipment storage area for Site 1 and Site 2:

2.2.1.1. The perimeter fence should be installed using galvanized metal.

2.2.1.2. The total area of the fence should have a dimension of 8 x 8 m² and a height of 1.5 m.

2.2.1.3. The fence should have a steel gate.

2.2.1.4. Equipment storage should have an area of 1.5 m by 1.5 m.

2.2.1.5. It should be properly grounded by a copper rod and should have built-in equipment cabinets.

2.2.1.6. The supplier must create/provide their own storage area during installation.

2.2.1.7. Final design of the structure shall be provided by the DOST-ASTI.

2.3. Preliminary Engineering Design, Survey, and

Professional Consultations-Php329,000

2.3.1. Specifications

2.3.1.1 Conduct engineering surveys and tests at the chosen sites provided by the DOST-ASTI to comply with the requirements of the concerned LGU in the installation of the tower structure, perimeter fencing, and equipment storage area

2.3.1.2 The winning bidder is required to facilitate and coordinate with the concerned Local Government Units and relevant National Government Agencies regarding building permits and other relevant documents, and requirements prior to, during, and after installation, and pay the corresponding fees as required.

2.3.1.3 The winning bidder shall provide all design requirements (including printing and signing of documents by qualified personnel) necessary in the processing of permits

2.3.1.4 The DOST ASTI shall provide assistance and support in the processing of all necessary permits and requirements prior to the installation period.

3. PAYMENT and DELIVERY TERMS

3.1. In the event that the end-user/DOST-ASTI will change the location for the installation due to unforeseen circumstances, the supplier may request to cancel the awarded item in the contract or request for additional cost to cover charges, but not to exceed 10% of the total contract price, subject to availability of project funds.

3.2. Delivery of all requirements shall be made by the Supplier within Sixty (60) calendar days upon issuance of Notice to Proceed (NTP).

3.3. Payment shall be made only upon certification/acceptance by End User to the effect that the Goods have been rendered or delivered in accordance with the terms stated in the attached Terms of Reference (TOR) and have been duly inspected and accepted.

3.4. The DOST-ASTI agrees to pay the following based on the schedule listed below:

3.4.1. First Payment (40% of the ABC) Upon Completion of: Tower installation (Site 1), Issuance/approval of permits (Site 1)

3.4.2. Second Payment (40% of the ABC) Upon Completion of: Perimeter fence (Site 1), Tower installation (Site 2), Issuance/approval of permits (Site 2)

3.4.3. Last payment/ Balance (20% of ABC) Upon Service Completion 100% installation of Site 1 and Site 2 base tower, 100 % completion of perimeter fence (Site 2), Submission of all designs and other related documents to DOST-ASTI.

3.4.4. The price of the bid must be inclusive of government tax and fees.

4. WARRANTY, SUPPORT SERVICE, AND LIABILITY

4.1. The supplier should issue a statement of limited warranty to cover defects in materials and workmanship for 60 days after the date of completion

at no cost incurred to DOST-ASTI.

4.2. Support service must be available at least 9 hours per day, Monday to Friday (including holidays), during business hours, 9 AM- 6 PM Philippine Standard Time (UTC+8) and must respond within 72 hours. Support service shall include answering queries regarding the installations and acknowledgment of receipt of any documentation from DOST-ASTI regarding the installations. Concerns needing on-site verification, action, and resolution should be coordinated with DOST-ASTI.

4.3. The supplier shall be held liable for any accidents and damage to property and surrounding areas caused by failure to implement the worksite safety procedures and protocols.

4.4. The supplier shall be held liable for any accidents and damage to property and surrounding areas caused by defective materials and poor workmanship.

TOTAL APPROVED BUDGET FOR THE CONTRACT (ABC):

Php 2,922,000.00

RESERVATION CLAUSE

The Advanced Science and Technology Institute reserves the right to accept or reject any proposal, to annul the bidding process, and to reject all proposals at any time prior to contract award, without thereby incurring any liability to the affected proponent or proponents.