



ASTI-FM 03-11
REV 0/2 APR 2018

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

ITB No:	19-04-2364 - A	Date:	June-19-2019
PR No:	NetMeshR1-19-03-7391	Date:	March-11-2019
Source of Funds:			
Total ABC:	Php 1,930,000.00		
Time, Date & Venue of Pre-bid Conference:	July 04, 2019, 1:30 PM at DOST-ASTI		
Time and Date of Submission of Bids:	July 16, 2019, 12:00 PM		
Time, Date & Venue of Opening Bids:	July 16, 2019, 1:30 PM at DOST-ASTI		
Date of availability of Complete Set of Documents:	June 26, 2019		
Deadline of Potential Bidder's Clarifications:	July 06, 2019		
Deadline of ASTI's Supplemental Bid Bulletin:	July 09, 2019		
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,

PEDRITO B. MANGAHAS
Chairperson, BAC-1

NO.	TECHNICAL SPECIFICATIONS	QTY	UNIT	UNIT PRICE(Php)	TOTAL PRICE(Php)
1	<p>Fixed and Mobile Measurement Facility</p> <p>4. One (1) unit UPS Battery for NOC</p> <p>4.1 Supply, Delivery, Installation, Testing and Configuration of 16 units of High-Performance Modular and interchangeable Battery Bullets / Cartridges the existing 48KW UPS</p> <p>4.2 Parts must be genuine and should be from the existing UPS Brand manufacturer or partner</p> <p>4.3 Must have at least three(3) years replacement warranty</p> <p>4.4 Battery delivered must be factory sealed and must come with a manufacturer certification and Warranty with a production year of at least second half of 2018</p> <p>Inclusive of VAT</p> <p>4.5 BIDDER'S ELIGIBILITY REQUIREMENT</p> <p>4.5.1 The bidder should have soft-ware or soft-tuner of the existing UPS for the installation and configuration</p>	1	lot	1430000.00	1,430,000.00

of offered batteries to the unit.

4.5.2 Bidder must be Authorized Service Partner of the product offered to ensure of its technical expertise on the offered solution. Copy of the Certificate to be provided should be signed and issued by Principals Country Service Head/Director.

4.5.3 Bidder must have at least one (1) certified Data Center Professional and has been employed to the bidder for at least three (3) years and must have at least one (1) electronics/electrical engineer fully certified by the vendor on brand being offered with a minimum two (2) years' experience in the UPS-Electrical System installation, configuration and troubleshooting. Certified Engineer/s must be employed by the bidder for at least Two (2) years Copy of the Certification shall be provided.

4.5.4 Bidder should provide a certificate that it has 24x7 technical support capabilities.

4.5.5 The Bidder shall have at least five (5) years' experience in undertaking similar modular UPS project. Valid proof of documents to be provided along with the bid submission.

4.6 Installation of two (2) units brand new inverter type air conditioning units at NOC

4.6.1 Nominal Capacity 7.0 HP / 5 TR

4.6.2 Cooling 19,300-64,355kJ/h

4.6.3 Power Supply 3PH/230V/60Hz

4.6.4 Rated Current (5.1-16.2) A

4.6.5 Rated Powers 1,900-5770W

4.6.6 EER (10.16-11.1)kJ/hW

4.6.7 Refrigerant R-410A

4.6.8 INDOOR UNIT

4.6.9 Airflow(HI/MI/LO) 2200/1950/1580m3/H

4.6.10 Sound Level(HI/MI/LO) 55.8/49.2dBA

4.6.11 Unit Dim(WxDxH) 610x390x1925mm

4.6.12 Unit Wt(Net/Gross) 59.-/77.0Kg

4.6.13 OUTDOOR UNIT

4.6.14 Unit Dim (WxDxH) 952x415x1333mm

4.6.15 Unit Wt(Net/Gross) 104/116Kg

4.6.16 Copper Tube Size

4.6.17 Low Side 3/4" ; High Side 3/8"

4.6.18 Maximum Pipe Distance Between Indoor and Outdoor

4.6.19 Height 10m ; Length 30m

4.6.20 Circuit Breaker 40A/3 PH

4.7 Inclusive of Labor, materials, fabrication of mountings/brackets, feeder line, tools and equipment needed to complete the

installation and dismantling of indoor and outdoor units of two (2) existing A/C.

4.8 Installation of new electrical wiring system and control device

(circuit breaker) per aircon unit

4.9 Inclusive of Warranty: 5 years on compressor, 1 year on parts and service

4.10 Inclusive of quarterly preventive maintenance for one(1) year

4.11 Delivery within 30 calendar days upon signing of

	P.O. 4.12 Full payment to supplier upon ASTI's issuance of User Acceptance				
2	Server 5.1 Multi Core Server 2x10Core 8x8GB Memory 8x6TB Capacity 2x10Gigabit Ethernet 5.2 Processor: 2 x Ten-Core Intel Xeon Processor E5-2640 v4 2.40Ghz 25MB Cache (90W) 5.3 Motherboard: Intel C612 Chipset - 10x SATA - Dual Intel 1-Gigabit 5.4 Ethernet (RJ45) - IPMI 2.0 with dedicated LAN port 5.5 Memory: 8 x 8GB PC4-19200 2400MHz DDR4 ECC Registered DIMM 5.6 Chassis: (Thinkmate) RAX-2308 2U Chassis - 8x Hot-Swap 3.5" SATA/SAs3 - 740W Redundant Power 5.7 Boot Drive: 128GB SATA 6.0Gb/s Disk on Module (MLC) (Vertical) 5.8 Hard Drive: 8 x 6.0TB SAS 3.0 12.0 Gb/s 7200RPM - 3.5" Enterprise Capacity v5 (512e) or equivalent 5.9 Controller Card: LSI 3108 SAS 3.0 12Gb/s 8 -port Hardware RAID 5.10 Controller with 2GB Cache 5.11 Network Card: 10-Gigabit Ethernet Adapter ConnectX-3 EN 5.12 MCX312A (2x SFP+), Intel 10-Gigabit Ethernet Converged 5.13 Network Adapter X520-SR2 (2x LC) 5.14 Operating System: No Operating System 5.15 Warranty: 3 Year Advanced Parts Replacement Warranty	1	unit	500000.00	500,000.00
TOTAL APPROVED BUDGET FOR THE CONTRACT (ABC):					Php 1,930,000.00
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.					