



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	Date:	April-16-2019
PR No:	NetMeshR1-19-03-7391	Date:	March-11-2019
Source of Funds:			
Total ABC:		Php 3,980,000.00	
Time, Date & Venue of Pre-bid Conference:		May 07, 2019, 1:30 PM at DOST-ASTI	
Time and Date of Submission of Bids:		May 20, 2019, 12:00 PM	
Time, Date & Venue of Opening Bids:		May 20, 2019, 1:30 PM at DOST-ASTI	
Date of availability of Complete Set of Documents:		April 29, 2019	
Deadline of Potential Bidder's Clarifications:		May 10, 2019	
Deadline of ASTI's Supplemental Bid Bulletin:		May 13, 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	Laptop for testing: Core i5 8GB Mem 512GB SSD 13.3" 1.1 Intel CoreTM i5-8250U processor (4 cores / 8 threads, 1.6GHz to 3.4GHz, 6MB cache) or equivalent 1.2 16GB 2400MHz DDR4 dual-channel capable, two DDR4 SO-DIMM sockets 32GB max Memory 1.3 512GB M.2 SSD SATA 6.0Gb/s Hard Disk Drive 1.4 13.3" (338mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250nits 1.5 HD720p resolution, low light sensitive, fixed focus 1.6 Intel UHD graphics 620 or equivalent 1.7 MicroSD card reader 1.8 Two USB 3.1 Gen 1 (one Always On), two USB 3.1 Type-C Gen 1, HDMI 1.4b 1.9 Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter 1.10 Intel Dual Band Wireless-AC 8265 Wi-Fi 2x2 802.11ac + BT4.1, M.2 card or equivalent	15	unit	70000.00	1,050,000.00

ASTI Bldg., U.P. Technology Park Complex, C.P. Garcia Ave., Diliman, Quezon City, Philippines 1101

• Website: www.asti.dost.gov.ph • E-mail: info@asti.dost.gov.ph • Tel. No.s: +632 927-2541, +632 927-3502, +632 426-9759, +632 426-9760
• Fax No.: +632 925-8598

	<ul style="list-style-type: none"> 1.11 HD Audio, stereo speakers, 2W x 2 / dual array microphone, headphone / microphone combo jack 1.12 Touch style fingerprint reader on the keyboard bezel, anti-spoofing technology 1.13 Integrated Li-Ion 45Wh battery, supports Rapid Charge (charge up to 80% in 1hr) w/ 65W USB Type-C 1.14 Windows 10 Pro 64-bit (No-recovery) 1.15 Warranty: 3years On-site Warranty on Parts & Labor (1Year Battery) 1.16 with Manufacturer Gigabit Ethernet Extension Cable 1.17 with Heavy duty and waterproof laptop sleeve or equivalent 				
2	<p>Laptop for Development: 14 inch</p> <ul style="list-style-type: none"> 2.1 8th Generation Intel® Core™ i7-8550U Processor (1.8 GHz up to 4.0 GHz) (4 Cores) or equivalent 2.2 8MB Cache Memory, Intel SoC (System on Chip) platform or equivalent 2.3 8GB 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets (32GB Max) 2.4 1TB 5400RPM SATA 6.0Gb/s, 2.5" wide *Active Protection System™ 2.4.1 128GB SSD via M.2 card slot 2.5 Graphics Card: 2GB Graphics Double Data Rate (DDR5) memory 2.6 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, IPS 2.7 250nits, 16:9 aspect ratio, 700:1 contrast ratio, 170° viewing angle 2.8 HD720p resolution, fixed focus 2.9 HD Audio and stereo speakers 2.10 2W x 2 / dual array microphone, headphone / microphone combo jack 2.11 6-row, spill-resistant, multimedia Fn keys, LED backlight 2.12 Pointing device and buttonless Mylar surface multi-touch touchpad 2.13 4-in-1 reader (MMC, SD, SDHC, SDXC) 2.14 Ports: Two USB 3.1 Gen 1 (one Always On), USB 3.1 Type-C Gen 1 2.15 USB 3.1 Type-C Gen 2 / Thunderbolt 3, HDMI 1.4b, Ethernet (RJ-45) 2.16 Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card or equivalent 2.17 Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter 2.18 Intel Ethernet Connection I219-V (Jacksonville) or equivalent 2.19 Power-on password, hard disk password, supervisor password, security keyhole 2.20 Discrete TPM 2.0, TCG Certified, Touch style match on chip fingerprint reader on the keyboard bezel, anti-spoofing technology 2.21 Integrated Li-Ion 24Wh battery and external Li-Ion 24Wh 2.22 Windows 10 Pro 64-bit (No Recovery) 2.23 Backpack Carrying Case and Heavy duty and waterproof Laptop Sleeve 	5	unit	100000.00	500,000.00

	2.24 Warranty: 3 years On-site Warranty on Parts & Labor (1 year battery)				
3	<p>Laptop for Development: 13.3- inch</p> <p>3.1 Display: 13.3-inch (diagonal) LED-backlit display with IPS technology; 2560-by-1600 native resolution at 227 pixels per inch with support for millions of colors</p> <p>3.2 At least: 2.3GHz dual-core Intel Core i5, Turbo Boost up to 3.6GHz, with 64MB of eDRAM</p> <p>3.3 Configurable to 2.5GHz dual-core Intel Core i7, Turbo Boost up to 4.0GHz, with 64MB of eDRAM</p> <p>3.4 At least: 256GB SSD</p> <p>3.5 At least: 8GB of 2133MHz LPDDR3 onboard memory</p> <p>3.6 Graphics Card: Intel Plus Graphics 640 or equivalent</p> <p>3.7 Charging and expansion: Two Thunderbolt 3 (USB-C) ports with support for: Charging, DisplayPort, Thunderbolt (up to 40Gbps), USB 3.1 Gen 2 (up to 10Gbps)</p> <p>3.8 Keyboard and Trackpad: 78 (U.S.) or 79 (ISO) keys including 12 function keys and 4 arrow keys</p> <p>3.9 Wireless: 802.11ac Wi-Fi wireless networking; IEEE 802.11a/b/g/n compatible</p> <p>3.10 Bluetooth: Bluetooth 4.2 wireless technology</p> <p>3.11 Camera: 720p HD Camera</p> <p>3.12 Audio: Stereo speakers with high dynamic range, 3.5 mm headphone jack</p> <p>3.13 Battery: Up to 10 hours wireless web, up to 10 hours iTunes movie playback and up to 30 days of standby time. Built-in 54.5-watt-hour lithium-polymer battery. 61W USB-C Power Adapter</p> <p>3.14 Size and weight: Height: 1.49 cm (0.59 inch); Width: 30.41 cm (11.97 inches); Depth: 21.24 cm (8.36 inches); Weight: 1.37 kg (3.02 pounds)3</p> <p>3.15 With: USB-C Digital AV Multiport Adapter and USB-C to Gigabit Ethernet Adapter</p> <p>3.16 With 1 Year manufacturer's warranty on Parts & Labor</p>	5	unit	100000.00	500,000.00
4	<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 of offered batteries to the unit.</p> <p>4.5.2 Bidder must be Authorized Service Partner of the</p>	1	lot	1430000.00	1,430,000.00

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				
5	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 3,980,000.00
RESERVATION CLAUSE					
<p>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.</p>					

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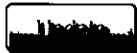





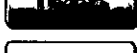

Infrastructure Projects Consulting Services

Procurement Timelines - Goods

This is the earliest possible time.

BETA VERSION 2.0

Select date to begin with: |

Procurement Stage	Start Date	End Date	Add days
Advertisement :	<input type="text" value="04/29/2019"/>	<input type="text" value="05/06/2019"/>	
Pre-bid Conference : Conduct? <input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="text" value="05/07/2019"/>	<input type="text" value="05/07/2019"/>	<input type="text"/> 
Submission of Bids :	<input type="text" value="05/19/2019"/>	<input type="text" value="Sunday
05/19/2019"/>	<input type="text" value="05/20/19*"/> 
Bid Evaluation :	<input type="text" value="05/20/2019"/>	<input type="text" value="05/20/2019"/>	<input type="text"/> 
Post-qualification :	<input type="text" value="05/21/2019"/>	<input type="text" value="05/21/2019"/>	<input type="text"/> 
Issuance of Notice of Award :	<input type="text" value="05/22/2019"/>	<input type="text" value="05/22/2019"/>	<input type="text"/> 
Contract Preparation and Signing :	<input type="text" value="05/23/2019"/>	<input type="text" value="05/23/2019"/>	<input type="text"/> 
Approval by Higher Authority : Necessary? <input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="text" value="05/24/2019"/>	<input type="text" value="05/24/2019"/>	<input type="text"/> 
Issuance of Notice to Proceed :	<input type="text" value="05/25/2019"/>	<input type="text" value="05/25/2019"/>	<input type="text"/> 

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* Next working day