



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

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

ITB No:	21-11-3641	Date:	November-03-2021
PR No:	NetMeshR3-21-09-12120	Date:	September-20-2021
Source of Funds:			
Total ABC:	Php 5,496,700.00		
Time, Date & Venue of Pre-bid Conference:	November 11, 2021, 9:00 AM at Via videoconferencing		
Time and Date of Submission of Bids:	November 23, 2021, 09:30 AM		
Time, Date & Venue of Opening Bids:	November 23, 2021, 10:00 AM at DOST-ASTI and Videoconferencing		
Date of availability of Complete Set of Documents:	November 03, 2021		
Deadline of Potential Bidder's Clarifications:	November 13, 2021		
Deadline of ASTI's Supplemental Bid Bulletin:	November 16, 2021		
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>Router - charged to NTC Region 3 Supply, Delivery, and Testing of Router Unit</p> <p>1. BACKGROUND AND OBJECTIVES:</p> <p>1.1. The Advanced Science and Technology Institute is seeking qualified and competent bidders for the supply and delivery of Border Router.</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. This Border Router will serve as the main border router and an upgrade to the core network. This device will handle connection from uplink providers and as transit for a Wide Area Network with an interface speed of 100Gbps.</p> <p>1.4. The technical specifications indicated herein are minimum requirements unless otherwise specified.</p>	1	unit	4400000.00	4,400,000.00

- 1.5. One (1) Unit of Router
2. TECHNICAL SPECIFICATIONS:
 - 2.1. Hardware Summary:
 - 2.1.1. Form Factor: 2 RU
 - 2.1.2. Redundant AC Power Supply Unit with C13 power cables rated for 220v/30A
 - 2.1.3. Supplier warranty for 1 year
 - 2.1.4. Switching: 120Gbps
 - 2.2. Integrated Route Switch Processor
 - 2.2.1. High-capacity full-duplex integrated dual switch fabric
 - 2.2.2. Processor: 4 cores, 2.4Ghz Intel CPU or equivalent
 - 2.2.3. 32-GB ECC-protected DRAM
 - 2.2.4. Memory external: USB 2.0 Type A receptacle
 - 2.2.5. Timing: Two independent clock source connections
 - 2.2.6. Ports: 42 integrated ports (16x1G, 24x1/10G (Dual Rate),2x100G ports)
 - 2.2.7. Included transceivers 4x10GESFP+ LR and 10 x 1GE SFP LX/LH
 - 2.3. Management
 - 2.3.1. Two (2) 100/1000 BASE-T (RJ-45) LAN management ports
 - 2.3.2. One console port
 - 2.3.3. One auxiliary port
 - 2.4. Environmental Specifications:
 - 2.4.1. Operating Temperature: 41Degrees to 104 Degrees Fahrenheit (5 Degrees to 40 Degrees Celsius)
 - 2.4.2. Storage Temperature: -40 to 167 Degrees Fahrenheit (-40 to 75 Degrees Celsius)
 - 2.4.3. Relative Humidity: 10 to 85%, noncondensing
 - 2.4.4. Airflow: Front to Back
 - 2.5. Power:
 - 2.5.1. Worldwide ranging AC (90-265V; 50-60 Hz)
 - 2.5.2. Worldwide ranging DC (-40V to -72V)
 - 2.5.3. Power consumption: 850 watts typical, 1100 watts maximum
 - 2.6. Compliance:
 - 2.6.1. Network Equipment Building Standards (NEBS):
 - 2.6.1.1. SR-3580: NEBS Criteria Levels (Level 3)
 - 2.6.1.2. GR-1089-CORE: NEBS EMC and Safety
 - 2.6.1.3. GR-63-CORE: NEBS Physical Protection
 - 2.6.1.4. VZ.TPR.9205: Verizon TEEER
 - 2.6.2. ETSI:
 - 2.6.2.1. EN300 386: Telecommunications Network Equipment (EMC)
 - 2.6.2.2. ETSI 300 019 Storage Class 1.1
 - 2.6.2.3. ETSI 300 019 Transportation Class 2.3
 - 2.6.2.4. ETSI 300 019 Stationary Use Class 3.1
 - 2.6.2.5. EN55022: Information Technology Equipment (Emissions)
 - 2.6.2.6. EN55024: Information Technology Equipment (Immunity)
 - 2.6.2.7. EN50082-1/EN-61000-6-1: Generic Immunity Standard
 - 2.6.3. EMC:
 - 2.6.3.1. FCC Class A
 - 2.6.3.2. ICES 003 Class A

- 2.6.3.3. AS/NZS 3548 Class A
- 2.6.3.4. CISPR 22 (EN55022) Class A
- 2.6.3.5. VCCI Class A
- 2.6.3.6. BSMI Class A
- 2.6.3.7. IEC/EN 61000-3-2: Power Line Harmonics
- 2.6.3.8. IEC/EN 61000-3-3: Voltage Fluctuations and Flicker
- 2.6.3.9. EN 50121-4: Railway EMC
- 2.7. Software Features:
 - 2.7.1. Layer 3 Routing:
 - 2.7.1.1. IPv4 Routing (BGP, Intermediate System-to-Intermediate System [IS-IS], and Open Shortest Path First [OSPF]), Hot Standby Router Protocol (HSRP), Virtual Router Redundancy Protocol (VRRP), and IPv6 routing (OSPF v3 and ISIS)
 - 2.7.1.2. MPLS:
 - 2.7.1.3. Label Distribution Protocol (LDP), Targeted LDP (T-LDP), Resource Reservation Protocol (RSVP), Differentiated Services (DiffServ)-aware traffic engineering, MPLS L3VPN (including Carrier Supporting Carrier [CSC]), IPv6 Provider Edge and IPv6 VPN to Provider Edge
 - 2.7.1.4. MPLS Traffic Engineering (including TE-FRR)
 - 2.7.1.5. MPLS TE Preferred Path
 - 2.7.1.6. More than 3 million queues per system Class-Based Weighted Fair Queuing (CBWFQ)
 - 2.7.1.7. Weighted Random Early Detection (WRED)
 - 2.7.1.8. Priority Queuing with propagation
 - 2.7.1.9. 2-rate 3-color (2R3C) Policing
 - 2.7.1.10. Modular QoS CLI (MQC)
 - 2.7.1.11. 4-level H-QoS
 - 2.7.2. Multicast:
 - 2.7.2.1. IPv4 Multicast:
 - 2.7.2.1.1. Source-based and shared distribution trees, Protocol Independent Multicast sparse mode (PIM-SX), PIM Source-Specific Multicast (PIM SSM), Automatic route processing (AutoRP), Multiprotocol BGP (MBGP), Multicast Virtual Private Network (MVPN), and Multicast Source Discovery Protocol (MSDP)
 - 2.7.2.1.2. Internet Group Management Protocol Versions 2 and 3 (IGMPv2 and v3)
 - 2.7.2.1.3. IGMPv2 and v3 snooping
 - 2.8. Security:
 - 2.8.1. ACLs; control-plane protection; routing authentications; authentication, authorization, and accounting (AAA) and TACACS+; Secure Shell (SSH) Protocol; SNMPv3; and leading RPL support
 - 2.8.2. Layer 2 ACLs: Can be used to filter packets under an EVC based on MAC addresses
 - 2.8.3. Layer 3 ACLs: Provides ACL matching by IPv4 packet attributes
 - 2.8.4. Security: Critical security features supported:
 - 2.8.5. 802.1ad Layer 2 Control Protocol (L2CP) and bridge-protocol-data-unit (BPDU) filtering
 - 2.8.6. MAC limiting per EFP or bridge domain
 - 2.8.7. Unicast, multicast, and broadcast storm-control blocking on any interface or port
 - 2.8.8. Unknown Unicast Flood Blocking (UUFB)

- 2.8.9. Dynamic Host Configuration Protocol (DHCP) snooping
- 2.8.10. Unicast Reverse Path Forwarding (URPF)
- 2.8.11. Control-plane security
- 2.8.12. Dynamic ARP Inspection (DAI)
- 2.8.13. IP Source Guard (IPSG)
- 3. ACCESSORIES:
 - 3.1. SFP: Four (4) x 10GBASE-LR
 - 3.2. SFP: Ten (10) x 1000BASE-LX
 - 3.3. Power Cable: Two (2) pcs. C13 power cables rated for 220v/30A
 - 3.4. One (1) Manufacturer's console cable
 - 3.5. One (1) set Mounting Kit
- 4. AFTER SALES/TECHNICAL SUPPORT SERVICE
 - 4.1. Technical support service must be available 9 hours per day. Monday to Friday (including holidays), during business hours, 9-6 PM Philippine Standard Time (UTC+8), and must respond:
 - 4.1.1. 4 business hours, and updates every 3 business days for critical severity issues that impact a high number of staff
 - 4.1.2. 8 business hours, and updates every 5 business days for high severity issues that incur serious degradation to application performance or functionality
 - 4.1.3. 24 business hours
 - 4.1.4. , and updates by request for medium severity issues that moderately impact user operations
 - 4.1.5. 48 business hours, and updates by request for low priority issues such as inquiries or issues with limited impact to user operations
 - 4.1.6. End-user must be able to request technical support by phone or email
 - 4.1.7. Onsite technical support may be requested
 - 4.1.8. on special cases or critical severity issues
- 5. DOCUMENTARY REQUIREMENTS
 - 5.1. The manufacturer of the equipment must possess ISO certification (or any equivalent certification) that guarantees that their production process is governed by quality management practices. The bidder must submit documentary proof of ISO certification of the offered brands issued by accredited registrars or any equivalent certification body.
 - 5.2. The prospective bidder must supply a hardcopy certification signed by the original equipment manufacturer or its authorized Philippine distributor, authorizing the aforementioned to promote, distribute, sell, and provide post-sales technical support for the equipment.
- 6. WARRANTY SERVICE
 - 6.1. One (1) year manufacturer's warranty, parts, and labor
 - 6.1.1. With Firmware upgrade support within the warranty period
 - 6.1.2 With Security patches support within the warranty period
 - 6.2. Shall also include onsite services, parts, and labor
 - 6.3. The obligation for warranty shall be submitted upon delivery. It shall be covered by either retention money in an amount equivalent to at least five percent

	<p>(5%) of every progress payment, or a special bank guarantee equivalent to at least five percent (5%) of the total contract price.</p> <p>6.4. The Server must be shipped with a 30-calendar day return for an advanced replacement on DOA parts and components, and a 3-year limited warranty that covers defects in materials and workmanship.</p> <p>7. PAYMENT AND DELIVERY TERMS</p> <p>7.1. Delivery of the Router shall be made by the supplier within Ninety (90) calendar days upon issuance of Notice to Proceed (NTP)</p> <p>7.2. Payment shall be made only upon certification/acceptance by the End-user to the effect that the Goods have been delivered in accordance with the terms of this contract and have been duly inspected and accepted. No payment shall be made for services not yet rendered or for goods, supplies, and materials not yet delivered under this contract.</p> <p>7.3. Other Delivery Terms: With Seven (7) days testing period to check for manufacturers defect before the acceptance.</p>				
2	<p>Server - charged to NTC Region 8 Supply, Delivery, Installation, and Testing of Server Unit</p> <p>1. BACKGROUND AND OBJECTIVES:</p> <p>1.1. The Advanced Science and Technology Institute is seeking qualified and competent bidders for the supply and delivery of testing servers.</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. This Server will be used as a link testing server for the Project and will be deployed in the regional point of presence.</p> <p>1.4. The technical specifications indicated herein are minimum requirements unless otherwise specified.</p> <p>1.5. One (1) unit Server</p> <p>2. TECHNICAL SPECIFICATIONS:</p> <p>2.1. Operating System: Ubuntu Server (winning bidder will install the latest stable version of Ubuntu Server OS)</p> <p>2.2. Processor</p> <p>2.2.1. Four-core Intel Xeon Processor E5-2637 v4 3.5.3 7GHz Turbo or equivalent</p> <p>2.3. Memory:</p> <p>2.3.1. Four (4) x 64GB DDR4 ECC LRDIMM 2666, 1.2V, corrects single-bit errors and detect double-bit errors (using ECC memory)</p> <p>2.4. Disk:</p> <p>2.4.1. Two (2) x 1.92TB or larger SATA Enterprise 2.5" SSD 6.0Gb/s</p> <p>2.5. SATA:</p> <p>2.5.1. With support for Hardware RAID (0,1,5,10) and with support for Logical Volume Manager</p> <p>2.5.2. SATA3 (6Gbps) via C612 Controller</p> <p>2.5.3. SATA DOM Power Connector</p> <p>2.6. Drive Bays: Two (2) x 2.5" Fixed Drive Bays</p> <p>2.7. Network:</p> <p>2.7.1. Dual Port Gigabit Ethernet</p> <p>2.7.2. Virtual Machine Device Queues reduced I/O</p>	1	unit	548350.00	548,350.00

overhead

- 2.7.3. Support 10Base-T, 100Base-TX, and 1000Base-T, RJ45 Output
- 2.7.4. Two (2) x RJ45 Gigabit Ethernet LAN Ports (on-board)
- 2.7.5. One (1) x RJ45 Dedicated IPMI LAN port (on-board)
- 2.7.6. Two (2) Port 10Gb Ethernet with SFP+, Low-profile (add-on, with needed riser, Linux Driver)
- 2.8. AC/DC Redundant Power Supplies
 - 2.8.1. 400W 1U Redundant Power Supplies with PMBus
 - 2.8.2. Total Output Power: 400W
- 2.9. Input:
 - 2.9.1. 100-240Vac / 6.0 – 3.0A / 50-60Hz
 - 2.9.2. 200-240Vdc / 3.4 – 3.2A (CCC Only)
 - 2.9.3. Certification: Platinum Level Certified
- 2.10. Input / Output
 - 2.10.1. One (1) x VGA Port
 - 2.10.2. Two (2) x COM Ports (1 rear, 1 header)
 - 2.10.3. Two (2) x RJ45 Gigabit Ethernet LAN Ports
 - 2.10.4. One (1) x RJ45 Dedicated IPMI LAN Port
- 2.11. USB:
 - 2.11.1. Two (2) x USB 3.0 Ports (rear)
 - 2.11.2. Two (2) x USB 2.0 Ports (rear)
 - 2.11.3. Two (2) x USB 3.0 Ports (front)
- 2.12. DOM: Two (2) x Super DOM (Disk on Module) Ports
 - 2.12.1. Expansion Slots:
 - 2.12.2. PCI-Express
 - 2.12.3. Left Riser: Two (2) x PCI-E 3.0 x 16 slots
 - 2.12.4. One (1) x PCI-E 3.0 x 8 LP Slot
- 2.13. FANS:
 - 2.13.1. Four (4) x 40x56mm PWN Cooling Fan
 - 2.13.2. Two (2) x Optional Fans for AOC Cooling
- 2.14. BIOS:
 - 2.14.1. 128Mb SPI Flash EEPROM with AMI BIOS
 - 2.14.2. Hardware BIOS Virus Protection
- 2.15. Management:
 - 2.15.1. Software: IPMI (Intelligent Platform Management Interface) v2.0 with Activated virtual media over LAN and KVM-over-LAN Support
 - 2.15.2. Power Configurations: ACPI/ACPM Power Management
 - 2.15.3. Main Switch Override Mechanism
 - 2.15.4. Power-on mode for AC power recovery
 - 2.15.5. Operating Environment / Compliance
 - 2.15.6. RoHS Compliant
 - 2.15.7. Environmental Spec:
- 2.16. Operating Temperature:
 - 2.16.1. 10 Degrees Celsius to 35 Degrees Celsius (50 Degrees Fahrenheit to 95 Degrees Fahrenheit)
 - 2.16.1.1. Non-Operating Temperature
 - 2.16.2. -40 Degrees Celsius to 70 Degrees Celsius (-40 Degrees Fahrenheit to 158 Degrees Fahrenheit)
 - 2.16.2.1.1. Operating Relative Humidity
 - 2.16.3. 8% to 90% (non-condensing)
 - 2.16.4. Non-Operating Relative Humidity:
 - 2.16.5. 5% to 95% (non-condensing)
 - 2.16.6. Formfactor: 1U rack-mountable Half-Depth

3. ACCESSORIES:

- 3.1.1. One (1) USB Keyboard
- 3.1.2. One (1) Mouse
- 3.1.3. Power Cable: Two (2) pcs. C13 power cables rated for 220v/30A
- 3.1.4. One (1) set Mounting Kit
- 3.1.5. Four (4) pieces Compatible Single Mode, LR, Duplex, SFP+ 10GB Transceiver
- 3.1.6. Four (4) pieces Compatible 5 Meters (or longer) Single-Mode LC-to-LC Fiber Patch Cord
- 4. AFTERSALES/TECHNICAL SUPPORT SERVICE
 - 4.1. Technical support service must be available 9 hours per day. Monday to Friday (including
 - 4.2. holidays), during business hours, 9-6 PM Philippine Standard Time (UTC+8) and must respond:
 - 4.3. 4 business hours, and updates every 3 business days for critical severity issues that impact a high number of staff
 - 4.4. 8 business hours, and updates every 5 business days for high severity issues that incur serious degradation to application performance or functionality
 - 4.5. 24 business hours, and updates by request for medium severity issues that moderately impact user operations
 - 4.6. 48 business hours, and updates by request for low priority issues such as inquiries or issues with limited impact to user operations
 - 4.7. End-user must be able to request technical support by phone or email
 - 4.8. Onsite technical support may be requested on special cases or critical severity issues
- 5. DOCUMENTARY REQUIREMENTS
 - 5.1. The manufacturer of the equipment must possess ISO certification (or any equivalent certification) that guarantees that their production process is governed by quality measurement practices. The bidder must submit documentary proof of ISO certification of the offered brands issued by accredited registrars or any equivalent certification body.
 - 5.2. The prospective bidder must supply a hardcopy certification signed by the original equipment manufacturer or its authorized Philippine distributor, authorizing the aforementioned to promote, distribute, sell, and provide post-sales technical support for the equipment
- 6. WARRANTY SERVICE
 - 6.1. Coverage: 3 years manufacturer's warranty
 - 6.2. Shall also include onsite services, parts, and labor
 - 6.3. The obligation for warranty shall be submitted upon delivery. It shall be covered by either retention money in an amount equivalent to at least five percent (5%) of every progress payment, or a special bank guarantee equivalent to at least five percent (5%) of the total contract price.
 - 6.4. The Server must be shipped with a 30-calendar day return for an advanced replacement on DOA parts and components, and a 3-year limited warranty that covers defects in materials and workmanship.
- 7. PAYMENT AND DELIVERY TERMS
 - 7.1. Delivery of the Server shall be made by the supplier within ninety (90) calendar days upon

	<p>issuance of Notice to Proceed (NTP)</p> <p>7.2. Payment shall be made only upon certification/acceptance by the End-user to the effect that the Goods have been delivered in accordance with the terms of this contract and have been duly inspected and accepted. No payment shall be made for services not yet rendered or for goods, supplies, and materials not yet delivered under this contract.</p> <p>7.3. Other Delivery Terms: With seven (7) days testing period to check for manufacturers defect before the acceptance</p>				
3	<p>Server - charged to NTC Region 11 Supply, Delivery, Installation, and Testing of Server Unit</p> <p>1. BACKGROUND AND OBJECTIVES:</p> <p>1.1. The Advanced Science and Technology Institute is seeking qualified and competent bidders for the supply and delivery of testing servers.</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. This Server will be used as a link testing server for the Project and will be deployed in the regional point of presence.</p> <p>1.4. The technical specifications indicated herein are minimum requirements unless otherwise specified.</p> <p>1.5. One (1) unit Server</p> <p>2. TECHNICAL SPECIFICATIONS:</p> <p>2.1. Operating System: Ubuntu Server (winning bidder will install the latest stable version of Ubuntu Server OS)</p> <p>2.2. Processor</p> <p>2.2.1. Four-core Intel Xeon Processor E5-2637 v4 3.5.3 7GHz Turbo or equivalent</p> <p>2.3. Memory:</p> <p>2.3.1. Four (4) x 64GB DDR4 ECC LRDIMM 2666, 1.2V, corrects single-bit errors and detect double-bit errors (using ECC memory)</p> <p>2.4. Disk:</p> <p>2.4.1. Two (2) x 1.92TB or larger SATA Enterprise 2.5" SSD 6.0Gb/s</p> <p>2.5. SATA:</p> <p>2.5.1. With support for Hardware RAID (0,1,5,10) and with support for Logical Volume Manager</p> <p>2.5.2. SATA3 (6Gbps) via C612 Controller</p> <p>2.5.3. SATA DOM Power Connector</p> <p>2.6. Drive Bays: Two (2) x 2.5" Fixed Drive Bays</p> <p>2.7. Network:</p> <p>2.7.1. Dual Port Gigabit Ethernet</p> <p>2.7.2. Virtual Machine Device Queues reduced I/O overhead</p> <p>2.7.3. Support 10Base-T, 100Base-TX, and 1000Base-T, RJ45 Output</p> <p>2.7.4. Two (2) x RJ45 Gigabit Ethernet LAN Ports (on-board)</p> <p>2.7.5. One (1) x RJ45 Dedicated IPMI LAN port (on-board)</p> <p>2.7.6. Two (2) Port 10Gb Ethernet with SFP+, Low-profile (add-on, with needed riser, Linux Driver)</p> <p>2.8. AC/DC Redundant Power Supplies</p>	1	unit	548350.00	548,350.00

- 2.8.1. 400W 1U Redundant Power Supplies with PMBus
- 2.8.2. Total Output Power: 400W
- 2.9. Input:
 - 2.9.1. 100-240Vac / 6.0 – 3.0A / 50-60Hz
 - 2.9.2. 200-240Vdc / 3.4 – 3.2A (CCC Only)
 - 2.9.3. Certification: Platinum Level Certified
- 2.10. Input / Output
 - 2.10.1. One (1) x VGA Port
 - 2.10.2. Two (2) x COM Ports (1 rear, 1 header)
 - 2.10.3. Two (2) x RJ45 Gigabit Ethernet LAN Ports
 - 2.10.4. One (1) x RJ45 Dedicated IPMI LAN Port
- 2.11. USB:
 - 2.11.1. Two (2) x USB 3.0 Ports (rear)
 - 2.11.2. Two (2) x USB 2.0 Ports (rear)
 - 2.11.3. Two (2) x USB 3.0 Ports (front)
- 2.12. DOM: Two (2) x Super DOM (Disk on Module) Ports
 - 2.12.1. Expansion Slots:
 - 2.12.2. PCI-Express
 - 2.12.3. Left Riser: Two (2) x PCI-E 3.0 x 16 slots
 - 2.12.4. One (1) x PCI-E 3.0 x 8 LP Slot
- 2.13. FANS:
 - 2.13.1. Four (4) x 40x56mm PWN Cooling Fan
 - 2.13.2. Two (2) x Optional Fans for AOC Cooling
- 2.14. BIOS:
 - 2.14.1. 128Mb SPI Flash EEPROM with AMI BIOS
 - 2.14.2. Hardware BIOS Virus Protection
- 2.15. Management:
 - 2.15.1. Software: IPMI (Intelligent Platform Management Interface) v2.0 with Activated virtual media over LAN and KVM-over-LAN Support
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 - 2.16.6. Formfactor: 1U rack-mountable Half-Depth
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 - 7.3. Other Delivery Terms: With seven (7) days testing period to check for manufacturers defect before the

acceptance				
TOTAL APPROVED BUDGET FOR THE CONTRACT (ABC):				Php 5,496,700.00
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>				