



**DOST-ASTI Bids and Awards Committee**  
**Notice of Negotiated Procurement -Two Failed Biddings**

<b>RFQ No.:</b> 23-02-4250	<b>Date:</b> Feb-07-2023
<b>PR No.:</b> GAA-23-01-15992	<b>Date:</b> Feb-03-2023

The Advanced Science and Technology Institute (ASTI) , through its Bids and Awards Committee, will undertake **Negotiated Procurement:Two-failed Biddings** for the item/s listed below. Interested proponents are invited to attend **Negotiated Conference** at ASTI Building, Ground Flr. ASTI Bldg, C. P. Garcia Ave, U.P.Campus Diliman, Quezon City on: **February 13,2023 , 9:30 AM.**

For inquiries, you may call the BAC Secretariat at **+63 2 426-9759/60 local 1206/1212** and look for Ms. Katherine B. Ramos

Respectfully,

**EMMANUEL P. BALINTEC**  
*BAC Chairperson*

ITEM NO.	TECHNICAL SPECIFICATIONS	QTY	UNIT	UNIT PRICE	TOTAL PRICE
1	<p><b>Local Transport – UP South Road-Cebu 2Mbps from Apr 1 - Dec 31, 2023</b></p> <p>1.0. General Statement / Background / Objectives</p> <p>1.1. The Advanced Science and Technology Institute (herein referred as to the "Institute") is seeking for qualified and competent bidders for the Supply, Delivery, and Installation of the Local Mile Transport from the specified destination point to UP South Road - Cebu within the specified duration.</p> <p>1.2. The specifications written herein are of minimum requirements, unless otherwise stated.</p> <p>1.3. The Approved Budget of Contract ("ABC") is inclusive of all applicable government taxes and service charges, e.g. VAT, OTC, termination and pre-termination charges, cross connection fees, duties, etc.</p> <p>2.0. Technical Specifications</p> <p>2.1. Termination Points</p> <p>2.1.1. Point A</p> <p>2.1.1.1. From: DOST-ASTI</p> <p>2.1.1.2. Address: ASTI Bldg. CP Garcia Ave., UP Campus, Diliman, Quezon City</p> <p>2.1.2. Point B</p> <p>2.1.2.1. To: UP South Road - Cebu</p> <p>2.1.2.2. Address: University of the Philippines, UP Cebu South Road</p> <p>2.2. Technology: Ethernet Circuit Capacity</p> <p>2.3. Bandwidth (BW): 2Mbps</p> <p>2.4. Facility: Fiber Optic</p> <p>2.5. Interface: Gigabit Ethernet</p> <p>2.6. Provide network diagram of implementation.</p>	9	month	15983.00	143,847.00

Indicate autonomous system number (ASN) in the diagram.

2.7. Must allow dynamic routing protocols such as OSPF, BGP, ISIS, etc.

2.8. End-to-end provider/client routers are already IPv6 capable but the third-party-provided link must allow the IPv6 traffic of the routers.

2.9. Ocular inspection is recommended. Please coordinate with Mr. Jaro Son M. Lacerna (jaros@asti.dost.gov.ph) and Ops Team (ops@pregi.net) for the site survey schedule and permits.

2.10. Service Provider must peer with PhOpenIX by:

2.10.1. Announcing all prefixes under the AS number that they own thru a bilateral peering with the PhOpenIX; and

2.10.2. Preferring routing from their network to other members thru their PhOpenIX link, as opposed to routing it via transit links.

2.11. Shall also maintain good network performance and provisions upgrade to the next higher port upon reaching 70% utilization.

2.12. The active equipment of the service provider should fit in a standard 19-inch two-post rack. The equipment should have a maximum weight of 20kg.

2.13. The active equipment including external Power Supply unit (PSU) must have a maximum height of 3.504in (2RU), maximum length of 17.5in, and maximum depth of 14in.

2.14. The active equipment must have dual AC power supplies that is built-in to the active equipment. If it is a separate power supply, the service provider should factor in the size of the power supply with the total equipment dimensions mentioned in 2.13.

2.15. The active equipment's power supply should have an average power use of 212 watts (or lower) for each power supply. It should have a maximum power use of 300 watts per power supply.

2.16. The distribution unit (ODF, IDF) of the service provider for either their copper or fiber build-out going into the network room of the two points of the network should have a maximum size of 1.752in (1RU) and maximum length of 17.5in. The depth is optional. The ODF/IDF should fit into a standard 19-inch two-post rack.

2.17. The fiber / copper cable run should route thru the cable-conduits that are already in place at the building of both network points. If there is no established cable-route, the service provider should submit a proposed cable-route plan before the contract is awarded. If there is an existing cable-node, but there is no more space, the service provider should have a provision of their own conduit on the current cable-path.

2.18. However, if the service provider has existing active equipment installed at any termination point, they must use it instead of installing another equipment. If the existing equipment cannot accommodate the new link, the service provider should upgrade the existing equipment.

2.19. Link handover details:

	<p>2.19.1. Handover for links that are 100Mbps and below should be copper / electrical RJ45.</p> <p>2.19.2. Handover for links greater than 1Gbps should be single-mode fiber with an LC or SC connector for end-user confirmation.</p> <p>2.20. Service provider should provide a clear-channel layer 2 point to point link, without any layer 3 routing elements along the network path.</p> <p>2.21. Once the link has been delivered and installed, testing shall commence.</p> <p>2.21.1. With seven (7) calendar days monitoring period for stability of link from the time all technical issues are resolved, and link is ready for acceptance.</p> <p>2.22. Requirements for Link Acceptance:</p> <p>2.22.1. Approved test results between End-User and Service Provider</p> <p>2.22.2. Accomplished Service Acceptance form to signify compliance</p> <p>2.23. Subject to possible renewal</p> <p>3.0. Technical Support Service</p> <p>3.1. Technical Support service must be available 24/7 (including) holidays</p> <p>3.2. Service Provider Technical Support Team</p> <p>3.2.1. Should provide updated escalation matrix with contact details</p> <p>3.2.2. Must have a specified single point of contact for technical support related concerns</p> <p>3.3. Refer to the attached Service Level Agreement for the further details of the expected technical support services.</p> <p>4.0. Other Documentary Requirements</p> <p>4.1. Quality Management System: Prospective bidders need to supply documentary proof (ISO or equivalent) which certifies the quality management practices of the manufacturer of the services being procured.</p> <p>4.2. Prospective bidders must provide document / proof that link is serviceable and has available capacity to accommodate this link to avoid delays in implementation.</p> <p>5.0. Delivery Terms</p> <p>5.1. The goods or service must be delivered on 01 April 2023.</p> <p>5.2. Time of installation of the contractor for the network infrastructure on both network points should be within office hours, 8:00 AM to 5:00 PM, Mondays to Fridays, excluding public holidays.</p> <p>5.3. The term of the contract shall be for nine (9) months or upon link acceptance until 31 December 2023. The service provider must furnish DOST-ASTI monthly billing statement/s and observe provisions under the Contract.</p>				
2	<p><b>Local Transport – UP Iloilo 5Mbps from Apr 1 - Dec 31, 2023</b></p> <p>1.0. General Statement / Background / Objectives</p> <p>1.1. The Advanced Science and Technology Institute (herein referred as to the “Institute”) is seeking</p>	9	month	40159.90	361,439.10

for qualified and competent bidders for the Supply, Delivery, and Installation of the Local Mile Transport from the specified destination point to UP Iloilo within the specified duration.

1.2. The specifications written herein are of minimum requirements, unless otherwise stated.

1.3. The Approved Budget of Contract ("ABC") is inclusive of all applicable government taxes and service charges, e.g. VAT, OTC, termination and pre-termination charges, cross connection fees, duties, etc.

## 2.0. Technical Specifications

### 2.1. Termination Points

#### 2.1.1. Point A

2.1.1.1. From: DOST-ASTI

2.1.1.2. Address: ASTI Bldg. CP Garcia Ave., UP Campus, Diliman, Quezon City

#### 2.1.2. Point B

2.1.2.1. To: UP Iloilo

2.1.2.2. Address: UP Visayas Iloilo Campus, University of the Philippines Visayas, Miagao, Iloilo 5023

2.2. Technology: Ethernet Circuit Capacity

2.3. Bandwidth (BW): 5Mbps

2.4. Facility: Fiber Optic

2.5. Interface: Gigabit Ethernet

2.6. Provide network diagram of implementation. Indicate autonomous system number (ASN) in the diagram.

2.7. Must allow dynamic routing protocols such as OSPF, BGP, ISIS, etc.

2.8. End-to-end provider/client routers are already IPv6 capable but the third-party-provided link must allow the IPv6 traffic of the routers.

2.9. Ocular inspection is recommended. Please coordinate with Mr. Jaro Son M. Lacerna (jaros@asti.dost.gov.ph) and Ops Team (ops@pregi.net) for the site survey schedule and permits.

2.10. Service Provider must peer with PhOpenIX by:

2.10.1. Announcing all prefixes under the AS number that they own thru a bilateral peering with the PhOpenIX; and

2.10.2. Preferring routing from their network to other members thru their PhOpenIX link, as opposed to routing it via transit links.

2.11. Shall also maintain good network performance and provisions upgrade to the next higher port upon reaching 70% utilization.

2.12. The active equipment of the service provider should fit in a standard 19-inch two-post rack. The equipment should have a maximum weight of 20kg.

2.13. The active equipment including external Power Supply unit (PSU) must have a maximum height of 3.504in (2RU), maximum length of 17.5in, and maximum depth of 14in.

2.14. The active equipment must have dual AC power supplies that is built-in to the active equipment. If it is a separate power supply, the service provider should factor in the size of the power supply with the

total equipment dimensions mentioned in 2.13.

2.15. The active equipment's power supply should have an average power use of 212 watts (or lower) for each power supply. It should have a maximum power use of 300 watts per power supply.

2.16. The distribution unit (ODF, IDF) of the service provider for either their copper or fiber build-out going into the network room of the two points of the network should have a maximum size of 1.752in (1RU) and maximum length of 17.5in. The depth is optional. The ODF/IDF should fit into a standard 19-inch two-post rack.

2.17. The fiber / copper cable run should route thru the cable-conduits that are already in place at the building of both network points. If there is no established cable-route, the service provider should submit a proposed cable-route plan before the contract is awarded. If there is an existing cable-node, but there is no more space, the service provider should have a provision of their own conduit on the current cable-path.

2.18. However, if the service provider has existing active equipment installed at any termination point, they must use it instead of installing another equipment. If the existing equipment cannot accommodate the new link, the service provider should upgrade the existing equipment.

2.19. Link handover details:

2.19.1. Handover for links that are 100Mbps and below should be copper / electrical RJ45.

2.19.2. Handover for links greater than 1Gbps should be single-mode fiber with an LC or SC connector for end-user confirmation.

2.20. Service provider should provide a clear-channel layer 2 point to point link, without any layer 3 routing elements along the network path.

2.21. Once the link has been delivered and installed, testing shall commence.

2.21.1. With seven (7) calendar days monitoring period for stability of link from the time all technical issues are resolved, and link is ready for acceptance.

2.22. Requirements for Link Acceptance:

2.22.1. Approved test results between End-User and Service Provider

2.22.2. Accomplished Service Acceptance form to signify compliance

2.23. Subject to possible renewal

### 3.0. Technical Support Service

3.1. Technical Support service must be available 24/7 (including) holidays

3.2. Service Provider Technical Support Team

3.2.1. Should provide updated escalation matrix with contact details

3.2.2. Must have a specified single point of contact for technical support related concerns

3.3. Refer to the attached Service Level Agreement for the further details of the expected technical support services.

### 4.0. Other Documentary Requirements

	<p>4.1. Quality Management System: Prospective bidders need to supply documentary proof (ISO or equivalent) which certifies the quality management practices of the manufacturer of the services being procured.</p> <p>4.2. Prospective bidders must provide document / proof that link is serviceable and has available capacity to accommodate this link to avoid delays in implementation.</p> <p>5.0. Delivery Terms</p> <p>5.1. The goods or service must be delivered on 01 April 2023.</p> <p>5.2. Time of installation of the contractor for the network infrastructure on both network points should be within office hours, 8:00 AM to 5:00 PM, Mondays to Fridays, excluding public holidays.</p> <p>5.3. The term of the contract shall be for nine (9) months or upon link acceptance until 31 December 2023. The service provider must furnish DOST-ASTI monthly billing statement/s and observe provisions under the Contract.</p>				
3	<p><b>Local Transport – UP Tacloban 5Mbps from Apr 1 - Dec 31, 2023</b></p> <p>1.0. General Statement / Background / Objectives</p> <p>1.1. The Advanced Science and Technology Institute (herein referred as to the "Institute") is seeking for qualified and competent bidders for the Supply, Delivery, and Installation of the Local Mile Transport from the specified destination point to UP Tacloban within the specified duration.</p> <p>1.2. The specifications written herein are of minimum requirements, unless otherwise stated.</p> <p>1.3. The Approved Budget of Contract ("ABC") is inclusive of all applicable government taxes and service charges, e.g. VAT, OTC, termination and pre-termination charges, cross connection fees, duties, etc.</p> <p>2.0. Technical Specifications</p> <p>2.1. Termination Points</p> <p>2.1.1. Point A</p> <p>2.1.1.1. From: DOST-ASTI</p> <p>2.1.1.2. Address: ASTI Bldg. CP Garcia Ave., UP Campus, Diliman, Quezon City</p> <p>2.1.2. Point B</p> <p>2.1.2.1. To: UP Tacloban</p> <p>2.1.2.2. Address: UP Visayas, Tacloban Campus, Magsaysay Blvd. Tacloban, Leyte</p> <p>2.2. Technology: Ethernet Circuit Capacity</p> <p>2.3. Bandwidth (BW): 5Mbps</p> <p>2.4. Facility: Fiber Optic</p> <p>2.5. Interface: Gigabit Ethernet</p> <p>2.6. Provide network diagram of implementation. Indicate autonomous system number (ASN) in the diagram.</p> <p>2.7. Must allow dynamic routing protocols such as OSPF, BGP, ISIS, etc.</p> <p>2.8. End-to-end provider/client routers are already IPv6 capable but the third-party-provided link must</p>	9	month	29676.46	267,088.14

allow the IPv6 traffic of the routers.

2.9. Ocular inspection is recommended. Please coordinate with Mr. Jaro Son M. Lacerna (jaros@asti.dost.gov.ph) and Ops Team (ops@pregi.net) for the site survey schedule and permits.

2.10. Service Provider must peer with PhOpenIX by:

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	<p>clear-channel layer 2 point to point link, without any layer 3 routing elements along the network path.</p> <p>2.21. Once the link has been delivered and installed, testing shall commence.</p> <p>2.21.1. With seven (7) calendar days monitoring period for stability of link from the time all technical issues are resolved, and link is ready for acceptance.</p> <p>2.22. Requirements for Link Acceptance:</p> <p>2.22.1. Approved test results between End-User and Service Provider</p> <p>2.22.2. Accomplished Service Acceptance form to signify compliance</p> <p>2.23. Subject to possible renewal</p> <p>3.0. Technical Support Service</p> <p>3.1. Technical Support service must be available 24/7 (including) holidays</p> <p>3.2. Service Provider Technical Support Team</p> <p>3.2.1. Should provide updated escalation matrix with contact details</p> <p>3.2.2. Must have a specified single point of contact for technical support related concerns</p> <p>3.3. Refer to the attached Service Level Agreement for the further details of the expected technical support services.</p> <p>4.0. Other Documentary Requirements</p> <p>4.1. Quality Management System: Prospective bidders need to supply documentary proof (ISO or equivalent) which certifies the quality management practices of the manufacturer of the services being procured.</p> <p>4.2. Prospective bidders must provide document / proof that link is serviceable and has available capacity to accommodate this link to avoid delays in implementation.</p> <p>5.0. Delivery Terms</p> <p>5.1. The goods or service must be delivered on 01 April 2023.</p> <p>5.2. Time of installation of the contractor for the network infrastructure on both network points should be within office hours, 8:00 AM to 5:00 PM, Mondays to Fridays, excluding public holidays.</p> <p>5.3. The term of the contract shall be for nine (9) months or upon link acceptance until 31 December 2023. The service provider must furnish DOST-ASTI monthly billing statement/s and observe provisions under the Contract.</p>				
4	<p><b>Local Transport – UP Koronadal 2Mbps from Apr 1 - Dec 31, 2023</b></p> <p>1.0. General Statement / Background / Objectives</p> <p>1.1. The Advanced Science and Technology Institute (herein referred as to the “Institute”) is seeking for qualified and competent bidders for the Supply, Delivery, and Installation of the Local Mile Transport from the specified destination point to UP SHS Koronadal within the specified duration.</p> <p>1.2. The specifications written herein are of minimum requirements, unless otherwise stated.</p>	9	month	35088.90	315,800.10



1.3. The Approved Budget of Contract ("ABC") is inclusive of all applicable government taxes and service charges, e.g. VAT, OTC, termination and pre-termination charges, cross connection fees, duties, etc.

## 2.0. Technical Specifications

### 2.1. Termination Points

#### 2.1.1. Point A

2.1.1.1. From: DOST-ASTI

2.1.1.2. Address: ASTI Bldg. CP Garcia Ave.,  
UP Campus, Diliman, Quezon City

#### 2.1.2. Point B

2.1.2.1. To: UP SHS Koronadal

2.1.2.2. Address: UP Manila School of Health  
Science, Extn Carpenter Hill Koronadal, South  
Cotabato 9506

2.2. Technology: Ethernet Circuit Capacity

2.3. Bandwidth (BW): 2Mbps

2.4. Facility: Fiber Optic

2.5. Interface: Gigabit Ethernet

2.6. Provide network diagram of implementation. Indicate autonomous system number (ASN) in the diagram.

2.7. Must allow dynamic routing protocols such as OSPF, BGP, ISIS, etc.

2.8. End-to-end provider/client routers are already IPv6 capable but the third-party-provided link must allow the IPv6 traffic of the routers.

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3.2. Service Provider Technical Support Team

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3.2.2. Must have a specified single point of contact for technical support related concerns

3.3. Refer to the attached Service Level Agreement for the further details of the expected technical support services.

### 4.0. Other Documentary Requirements

4.1. Quality Management System: Prospective bidders need to supply documentary proof (ISO or equivalent) which certifies the quality management practices of the manufacturer of the services being procured.

4.2. Prospective bidders must provide document /



### **C. Terms and Conditions**

1. Additional requirements, if necessary, may be requested by the BAC depending on the item to be bid.
2. For all kinds of procurement, the bidder who passed the bid evaluation, shall submit a duly notarized Omnibus Sworn Statement upon issuance of NOA, unless otherwise provided;
3. All transactions are subject to creditable withholding tax and final Value Added Tax or percentage tax per revenue regulation/s of the BIR;
4. A penalty of one-tenth of one percent (0.001) of the total value of the undelivered goods/services shall be charged as liquidated damages for every day of delay of the delivery; and
5. The DOST-ASTI 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.