Republic of the Philippines
**DEPARTMENT OF SCIENCE AND TECHNOLOGY**
**ADVANCED SCIENCE AND TECHNOLOGY INSTITUTE**

BAGONG PILIPINAS

ASTI – FM 03-17
REV 3 / 10 October 2023

# PURCHASE ORDER

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| **Supplier:** | **CONVERGE ICT SOLUTIONS, INC.** | **PO No.:** | **25-01-009** |
| **Address:** | **Newstreet Bldg., Mc Arthur Hi-way, Balibago, Angeles City** | **PO Date:** | **January 17, 2025** |
| **TIN:** | **006-895-049-000** | **Mode of Procurement:** | **Competitive Bidding** |

Gentleman:

Please furnish this Office the following articles subject to the terms and conditions contained herein:

**Place of Delivery:** **ASTI Bldg., C.P. Garcia Ave., U.P. Technology Park Complex, U.P. Campus, Diliman, Quezon City 1101**

**Delivery Term:** **01 April 2025**

**Date of Delivery:**

**Payment Term:** **Government Terms**

**Warranty Term:**

| Stock / Property No. | Unit | Description | Quantity | Unit Cost | Amount |
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| 1 | Month | **Local Transport - Court of Appeals (CA) Manila Primary 100Mbps**<br><br>1.0. General Overview<br>1.1. The DOST-ASTI is seeking qualified and competent bidders for the Supply, Delivery, and Installation of the Local Mile Transport from the specified destination point to Court of Appeals-Manila (Primary) within the specified duration below.<br>1.2. The Approved Budget for the Contract (ABC) is inclusive of all applicable government taxes and service charges, e.g., Value Added Tax (VAT), One-time Charges (OTC), termination, and pre-termination charges, cross-connection fees, duties, etc.<br><br>2. Technical Specifications<br>2.1. Termination Points<br>2.1.1. Point A<br>2.1.1.1. From: DOST-ASTI<br>2.1.1.2. Address: ASTI Bldg. CP Garcia Ave., UP Campus, Diliman, Quezon City<br>2.1.2. Point B<br>2.1.2.1. From: Court of Appeals - Manila<br>2.1.2.2. Address: Court of Appeals, Ma. Orosa St., Ermita, Manila<br>2.2. Technology: Ethernet | 9 | ₱10,584.00 | ₱95,256.00<br>+ 12% VAT |


Postal Address : ASTI Bldg., U.P. Technology Park Complex, CP Garcia Ave., Diliman, Quezon City 1101
Website : www.asti.dost.gov.ph
Email : info@asti.dost.gov.ph
Tel No. : +632 8249-8500
+632 8426-9755

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| | | Circuit Capacity<br>2.3. Bandwidth: 100Mbps<br>2.4. Facility: Fiber Optic<br>2.5. Interface: Gigabit Ethernet<br>2.6. Provide network diagram of implementation. Indicate autonomous system number (ASN) in the diagram.<br>2.7. Must allow dynamic routing protocols such as OSPF, BGP, ISIS, etc.<br>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.<br>2.9. Ocular inspection is recommended. Please coordinate with DOST-ASTI's Bids and Awards Committee Secretariat at bac-sec@asti.dost.gov.ph, for the site survey schedule and permits.<br>2.10. Service Provider must peer with PhOpenIX by:<br>2.10.1. Announcing all prefixes under the ASN that they own through a bilateral peering with the PhOpenIX; and<br>2.10.2. Preferring routing from their network to other members through their PhOpenIX link, as opposed to routing it via transit links.<br>2.11. Shall also maintain good network performance and provisions upgrade to the next higher port upon reaching 70% utilization.<br>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.<br>2.13. The active equipment including external Power Supply Unit must have a maximum height of 3.504in (2RU), maximum length of 17.5in, and maximum depth of 14in.<br>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.<br>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.<br>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 | | | |

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| | | 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.<br>2.17. The fiber / copper cable run should route through 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.<br>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.<br>2.19. Link handover details:<br>2.19.1. Handover for links that are 100Mbps and below should be copper / electrical RJ45.<br>2.19.2. Handover for links greater than 1Gbps should be single-mode fiber with an LC or SC connector for End-user confirmation.<br>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.<br>2.21. Once the link has been delivered and installed, testing shall commence.<br>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.<br>2.22. Requirements for Link Acceptance:<br>2.22.1. Approved test results between End-user and Service Provider<br>2.22.2. Accomplished Service Acceptance form to signify compliance<br><br>3. Technical Support Service<br>3.1. Technical Support service must be available 24/7 (including) holidays.<br>3.2. Service Provider Technical Support Team<br>3.2.1. Should provide updated escalation matrix with contact details | | | | |

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| | | 3.2.2. Must have a specified single point of contact for technical support related concerns<br>3.3. Refer to the attached Service Level Agreement (SLA) for further details of the expected technical support services.<br><br>4. Other Documentary Requirements<br>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.<br>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.<br><br>5. Contract Duration & Extension, Renewal and Amendment<br>5.1. The term of the contract shall be for nine (9) months, from 01 April 2025 or upon link acceptance until 31 December 2025.<br>5.2. Contract may be extended, renewed, and amended based on the Guidelines on Procurement of Water, Electricity, Telecommunications and Internet Service Providers and Guidelines on the Renewal of Regular and Recurring Services, and availability of funds.<br><br>6. Payment and Delivery Terms<br>6.1. The service must be delivered on or before 01 April 2025.<br>6.2. 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.<br>6.3. The service provider must furnish DOST-ASTI monthly statement of accounts (SOAs) and observe provisions under the Contract.<br>6.3.1.The SOAs shall be delivered twenty (20) calendar days right after the billing cut-off. | | | |

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| **2** | **Month** | **Local Transport - Court of Appeals (CA) Cebu 30Mbps**<br><br>1.0. General Overview<br>1.1. The DOST-ASTI is seeking qualified and competent bidders for the Supply, Delivery, and Installation of the Local Mile Transport from the specified destination point to Court of Appeals-Cebu within the specified duration below.<br>1.2. The Approved Budget for the Contract (ABC) is inclusive of all applicable government taxes and service charges, e.g., Value Added Tax (VAT), One-time Charges (OTC), termination, and pre-termination charges, cross-connection fees, duties, etc.<br><br>2.0. Technical Specifications<br>2.1. Termination Points<br>2.1.1. Point A<br>2.1.1.1. From: DOST-ASTI<br>2.1.1.2. Address: ASTI Bldg. CP Garcia Ave., UP Campus, Diliman, Quezon City<br>2.1.2. Point B<br>2.1.2.1. From: Court of Appeals - Cebu<br>2.1.2.2. Address: Court of Appeals, Banawa, Cebu City<br>2.2. Technology: Ethernet Circuit Capacity<br>2.3. Bandwidth: 30Mbps<br>2.4. Facility: Fiber Optic<br>2.5. Interface: Gigabit Ethernet<br>2.6. Provide network diagram of implementation. Indicate autonomous system number (ASN) in the diagram.<br>2.7. Must allow dynamic routing protocols such as OSPF, BGP, ISIS, etc.<br>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.<br>2.9. Ocular inspection is recommended. Please coordinate with DOST-ASTI's Bids and Awards Committee Secretariat at bac-sec@asti.dost.gov.ph, for the site survey schedule and permits.<br>2.10. Service Provider must peer with PhOpenIX by:<br>2.10.1. Announcing all prefixes under the ASN that they own through a bilateral peering with the PhOpenIX; and<br>2.10.2. Preferring routing from their network to other members through their PhOpenIX link, as opposed to routing | **9** | **₱5,997.56** | **₱53,978.00**<br>4ch trans |

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| | | it via transit links.<br>2.11. Shall also maintain good network performance and provisions upgrade to the next higher port upon reaching 70% utilization.<br>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.<br>2.13. The active equipment including external Power Supply Unit must have a maximum height of 3.504in (2RU), maximum length of 17.5in, and maximum depth of 14in.<br>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.<br>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.<br>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.<br>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.<br>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.<br>2.19. Link handover details:<br>2.19.1. Handover for links that are 100Mbps and below should be copper / electrical RJ45. | | | |

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| | | 2.19.2. Handover for links greater than 1Gbps should be single-mode fiber with an LC or SC connector for End-user confirmation.<br>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.<br>2.21. Once the link has been delivered and installed, testing shall commence.<br>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.<br>2.22. Requirements for Link Acceptance:<br>2.22.1. Approved test results between End-user and Service Provider<br>2.22.2. Accomplished Service Acceptance form to signify compliance<br><br>3.0. Technical Support Service<br>3.1. Technical Support service must be available 24/7 (including) holidays.<br>3.2. Service Provider Technical Support Team<br>3.2.1. Should provide updated escalation matrix with contact details<br>3.2.2. Must have a specified single point of contact for technical support related concerns<br>3.3. Refer to the attached Service Level Agreement (SLA) for further details of the expected technical support services.<br><br>4.0. Other Documentary Requirements<br>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.<br>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.<br><br>5.0. Contract Duration & Extension, Renewal and Amendment | | | |

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| | | 5.1. The term of the contract shall be for nine (9) months, from 01 April 2025 or upon link acceptance until 31 December 2025.<br>5.2. Contract may be extended, renewed, and amended based on the Guidelines on Procurement of Water, Electricity, Telecommunications and Internet Service Providers and Guidelines on the Renewal of Regular and Recurring Services, and availability of funds.<br><br>6.0. Payment and Delivery Terms<br>6.1. The goods or service must be delivered on or before 01 April 2025.<br>6.2. 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.<br>6.3. The service provider must furnish DOST-ASTI monthly statement of accounts (SOAs) and observe provisions under the Contract.<br>6.3.1.The SOAs shall be delivered twenty (20) calendar days right after the billing cut-off. | | | |
| **3** | **Month** | **Local Transport - National Mapping and Resource Information Authority (NAMRIA) Binondo 100Mbps**<br><br>1.0. General Overview<br>1.1. The DOST-ASTI is seeking qualified and competent bidders for the Supply, Delivery, and Installation of the Local Mile Transport from the specified destination point to NAMRIA - Binondo within the specified duration.<br>1.2. The Approved Budget for the Contract (ABC) is inclusive of all applicable government taxes and service charges, e.g., Value Added Tax (VAT), One-time Charges (OTC), termination, and pre-termination charges, cross-connection fees, duties, etc.<br><br>2.0. Technical Specifications<br>2.1. Termination Points<br>2.1.1. Point A<br>2.1.1.1. From: DOST-ASTI<br>2.1.1.2. Address: ASTI Bldg. CP Garcia Ave., UP Campus, Diliman, Quezon City | **9** | **₱10,584.00** | **₱95,256.00**<br>tech trans |

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| | | 2.1.2. Point B<br>2.1.2.1. From: Court of Appeals - Cebu<br>2.1.2.2. Address: National Mapping and Resource Information Authority, Baraka St. Binondo, Manila<br>2.2. Technology: Ethernet Circuit Capacity<br>2.3. Bandwidth: 100Mbps<br>2.4. Facility: Fiber Optic<br>2.5. Interface: Gigabit Ethernet<br>2.6. Provide network diagram of implementation. Indicate autonomous system number (ASN) in the diagram.<br>2.7. Must allow dynamic routing protocols such as OSPF, BGP, ISIS, etc.<br>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.<br>2.9. Ocular inspection is recommended. Please coordinate with DOST-ASTI's Bids and Awards Committee Secretariat at bac-sec@asti.dost.gov.ph, for the site survey schedule and permits.<br>2.10. Service Provider must peer with PhOpenIX by:<br>2.10.1. Announcing all prefixes under the ASN that they own through a bilateral peering with the PhOpenIX; and<br>2.10.2. Preferring routing from their network to other members through their PhOpenIX link, as opposed to routing it via transit links.<br>2.11. Shall also maintain good network performance and provisions upgrade to the next higher port upon reaching 70% utilization.<br>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.<br>2.13. The active equipment including external Power Supply Unit must have a maximum height of 3.504in (2RU), maximum length of 17.5in, and maximum depth of 14in.<br>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.<br>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

3.0. Technical Support Service

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| | | 3.1. Technical Support service must be available 24/7 (including) holidays.<br>3.2. Service Provider Technical Support Team<br>3.2.1. Should provide updated escalation matrix with contact details<br>3.2.2. Must have a specified single point of contact for technical support related concerns<br>3.3. Refer to the attached Service Level Agreement (SLA) for further details of the expected technical support services.<br><br>4.0. Other Documentary Requirements<br>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.<br>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.<br><br>5.0. Contract Duration & Extension, Renewal and Amendment<br>5.1. The term of the contract shall be for nine (9) months, from 01 April 2025 or upon link acceptance until 31 December 2025.<br>5.2. Contract may be extended, renewed, and amended based on the Guidelines on Procurement of Water, Electricity, Telecommunications and Internet Service Providers and Guidelines on the Renewal of Regular and Recurring Services, and availability of funds.<br><br>6.0. Payment and Delivery Terms<br>6.1. The goods or service must be delivered on or before 01 April 2025.<br>6.2. 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.<br>6.3. The service provider must furnish DOST-ASTI monthly statement of accounts (SOAs) and observe provisions under the Contract.<br>6.3.1.The SOAs shall be delivered twenty (20) calendar days right after the billing cut-off. | | | |

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| 4 | Month | **Local Transport - University of the Philippines (UP) South Road Cebu 2Mbps**<br><br>1.1. The DOST-ASTI is seeking qualified and competent bidders for the Supply, Delivery, and Installation of the Local Mile Transport from the specified destination point to University of the Philippines (UP) South Road – Cebu within the specified duration.<br>1.2. The Approved Budget for the Contract (ABC) is inclusive of all applicable government taxes and service charges, e.g., Value Added Tax (VAT), One-time Charges (OTC), termination, and pre-termination charges, cross-connection fees, duties, etc.<br><br>2.0. Technical Specifications<br>2.1. Termination Points<br>2.1.1. Point A<br>2.1.1.1. From: DOST-ASTI<br>2.1.1.2. Address: ASTI Bldg. CP Garcia Ave., UP Campus, Diliman, Quezon City<br>2.1.2. Point B<br>2.1.2.1. From: UP – South Road Cebu<br>2.1.2.2. Address: University of the Philippines, UP Cebu South Road<br>2.2. Technology: Ethernet Circuit Capacity<br>2.3. Bandwidth: 2Mbps<br>2.4. Facility: Fiber Optic<br>2.5. Interface: Gigabit Ethernet<br>2.6. Provide network diagram of implementation. Indicate autonomous system number (ASN) in the diagram.<br>2.7. Must allow dynamic routing protocols such as OSPF, BGP, ISIS, etc.<br>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.<br>2.9. Ocular inspection is recommended. Please coordinate with DOST-ASTI's Bids and Awards Committee Secretariat at bac-sec@asti.dost.gov.ph, for the site survey schedule and permits.<br>2.10. Service Provider must peer with PhOpenIX by:<br>2.10.1. Announcing all prefixes under the ASN that they own through a bilateral peering with the PhOpenIX; and<br>2.10.2. Preferring routing from their network to other members through | 9 | ₱2,822.33 | ₱25,400.97<br>tech trans |

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| | | their PhOpenIX link, as opposed to routing it via transit links.<br>2.11. Shall also maintain good network performance and provisions upgrade to the next higher port upon reaching 70% utilization.<br>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.<br>2.13. The active equipment including external Power Supply Unit must have a maximum height of 3.504in (2RU), maximum length of 17.5in, and maximum depth of 14in.<br>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.<br>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.<br>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.<br>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.<br>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 | | | |

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| | | service provider should upgrade the existing equipment.<br>2.19. Link handover details:<br>2.19.1. Handover for links that are 100Mbps and below should be copper / electrical RJ45.<br>2.19.2. Handover for links greater than 1Gbps should be single-mode fiber with an LC or SC connector for End-user confirmation.<br>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.<br>2.21. Once the link has been delivered and installed, testing shall commence.<br>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.<br>2.22. Requirements for Link Acceptance:<br>2.22.1. Approved test results between End-user and Service Provider<br>2.22.2. Accomplished Service Acceptance form to signify compliance<br><br>3.0. Technical Support Service<br>3.1. Technical Support service must be available 24/7 (including) holidays.<br>3.2. Service Provider Technical Support Team<br>3.2.1. Should provide updated escalation matrix with contact details<br>3.2.2. Must have a specified single point of contact for technical support related concerns<br>3.3. Refer to the attached Service Level Agreement (SLA) for further details of the expected technical support services.<br><br>4.0. Other Documentary Requirements<br>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.<br>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. | | | | |

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| | | 5.0. Contract Duration & Extension, Renewal and Amendment<br>5.1. The term of the contract shall be for nine (9) months, from 01 April 2025 or upon link acceptance until 31 December 2025.<br>5.2. Contract may be extended, renewed, and amended based on the Guidelines on Procurement of Water, Electricity, Telecommunications and Internet Service Providers and Guidelines on the Renewal of Regular and Recurring Services, and availability of funds.<br><br>6.0. Payment and Delivery Terms<br>6.1. The goods or service must be delivered on or before 01 April 2025.<br>6.2. 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.<br>6.3. The service provider must furnish DOST-ASTI monthly statement of accounts (SOAs) and observe provisions under the Contract.<br>6.3.1.The SOAs shall be delivered twenty (20) calendar days right after the billing cut-off. | | | |
| 5 | Month | **Local Transport - University of the Philippines (UP) School of Health Sciences (SHS) Leyte 2Mbps**<br><br>1.0. General Overview<br>1.1. The DOST-ASTI is seeking qualified and competent bidders for the Supply, Delivery, and Installation of the Local Mile Transport from the specified destination point to University of the Philippines (UP) - Leyte within the specified duration.<br>1.2. The Approved Budget for the Contract (ABC) is inclusive of all applicable government taxes and service charges, e.g., Value Added Tax (VAT), One-time Charges (OTC), termination, and pre-termination charges, cross-connection fees, duties, etc.<br><br>2.0. Technical Specifications<br>2.1. Termination Points<br>2.1.1. Point A<br>2.1.1.1. From: DOST-ASTI<br>2.1.1.2. Address: ASTI Bldg. CP | 9 | ₱8,900.00 | ₱80,100.00<br>tech trans |

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| | | Garcia Ave., UP Campus, Diliman, Quezon City<br>2.1.2. Point B<br>2.1.2.1. From: UP – SHS - Leyte<br>2.1.2.2. Address: University of the Philippines School of Health Science, Palo Leyte, Palo 6501, Leyte<br>2.2. Technology: Ethernet Circuit Capacity<br>2.3. Bandwidth: 2Mbps<br>2.4. Facility: Fiber Optic<br>2.5. Interface: Gigabit Ethernet<br>2.6. Provide network diagram of implementation. Indicate autonomous system number (ASN) in the diagram.<br>2.7. Must allow dynamic routing protocols such as OSPF, BGP, ISIS, etc.<br>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.<br>2.9. Ocular inspection is recommended. Please coordinate with DOST-ASTI's Bids and Awards Committee Secretariat at bac-sec@asti.dost.gov.ph, for the site survey schedule and permits.<br>2.10. Service Provider must peer with PhOpenIX by:<br>2.10.1. Announcing all prefixes under the ASN that they own through a bilateral peering with the PhOpenIX; and<br>2.10.2. Preferring routing from their network to other members through their PhOpenIX link, as opposed to routing it via transit links.<br>2.11. Shall also maintain good network performance and provisions upgrade to the next higher port upon reaching 70% utilization.<br>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.<br>2.13. The active equipment including external Power Supply Unit must have a maximum height of 3.504in (2RU), maximum length of 17.5in, and maximum depth of 14in.<br>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.<br>2.15. The active equipment's | | | |

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| | | 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.<br>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.<br>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.<br>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.<br>2.19. Link handover details:<br>2.19.1. Handover for links that are 100Mbps and below should be copper / electrical RJ45.<br>2.19.2. Handover for links greater than 1Gbps should be single-mode fiber with an LC or SC connector for End-user confirmation.<br>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.<br>2.21. Once the link has been delivered and installed, testing shall commence.<br>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.<br>2.22. Requirements for Link Acceptance:<br>2.22.1. Approved test results between End-user and Service Provider<br>2.22.2. Accomplished Service Acceptance form to signify compliance | | | | |

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| | | 3.0. Technical Support Service<br>3.1. Technical Support service must be available 24/7 (including) holidays.<br>3.2. Service Provider Technical Support Team<br>3.2.1. Should provide updated escalation matrix with contact details<br>3.2.2. Must have a specified single point of contact for technical support related concerns<br>3.3. Refer to the attached Service Level Agreement (SLA) for further details of the expected technical support services.<br><br>4.0. Other Documentary Requirements<br>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.<br>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.<br><br>5.0. Contract Duration & Extension, Renewal and Amendment<br>5.1. The term of the contract shall be for nine (9) months, from 01 April 2025 or upon link acceptance until 31 December 2025.<br>5.2. Contract may be extended, renewed, and amended based on the Guidelines on Procurement of Water, Electricity, Telecommunications and Internet Service Providers and Guidelines on the Renewal of Regular and Recurring Services, and availability of funds.<br><br>6.0. Payment and Delivery Terms<br>6.1. The goods or service must be delivered on or before 01 April 2025.<br>6.2.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.<br>6.3.The service provider must furnish DOST-ASTI monthly statement of accounts (SOAs) and observe provisions under the Contract | | | |

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| | | Contract.<br>6.3.1.The SOAs shall be delivered twenty (20) calendar days right after the billing cut-off. | | | |
| 6 | Month | **Local Transport - University of the Philippines (UP) Pampanga 5Mbps**<br><br>1.0. General Overview<br>1.1. The DOST-ASTI is seeking qualified and competent bidders for the Supply, Delivery, and Installation of the Local Mile Transport from the specified destination point to University of the Philippines (UP) - Pampanga within the specified duration.<br>1.2. The Approved Budget for the Contract (ABC) is inclusive of all applicable government taxes and service charges, e.g., Value Added Tax (VAT), One-time Charges (OTC), termination, and pre-termination charges, cross-connection fees, duties, etc.<br><br>2.0. Technical Specifications<br>2.1. Termination Points<br>2.1.1. Point A<br>2.1.1.1. From: DOST-ASTI<br>2.1.1.2. Address: ASTI Bldg. CP Garcia Ave., UP Campus, Diliman, Quezon City<br>2.1.2. Point B<br>2.1.2.1. From: UP – Pampanga<br>2.1.2.2. Address: University of the Philippines, Pampanga Campus, Clark Special Economic Zone, Angeles Pampanga<br>2.2. Technology: Ethernet Circuit Capacity<br>2.3. Bandwidth: 5Mbps<br>2.4. Facility: Fiber Optic<br>2.5. Interface: Gigabit Ethernet<br>2.6. Provide network diagram of implementation. Indicate autonomous system number (ASN) in the diagram.<br>2.7. Must allow dynamic routing protocols such as OSPF, BGP, ISIS, etc.<br>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.<br>2.9. Ocular inspection is recommended. Please coordinate with DOST-ASTI's Bids and Awards Committee Secretariat at bac-sec@asti.dost.gov.ph, for the site survey schedule and permits.<br>2.10. Service Provider must peer with | 9 | ₱4,200.00 | ₱37,800.00<br>tech trans |

PhOpenIX by:

2.10.1. Announcing all prefixes under the ASN that they own through a bilateral peering with the PhOpenIX; and

2.10.2. Preferring routing from their network to other members through 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 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

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| | | service provider should upgrade the existing equipment.<br>2.19. Link handover details:<br>2.19.1. Handover for links that are 100Mbps and below should be copper / electrical RJ45.<br>2.19.2. Handover for links greater than 1Gbps should be single-mode fiber with an LC or SC connector for End-user confirmation.<br>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.<br>2.21. Once the link has been delivered and installed, testing shall commence.<br>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.<br>2.22. Requirements for Link Acceptance:<br>2.22.1. Approved test results between End-user and Service Provider<br>2.22.2. Accomplished Service Acceptance form to signify compliance<br><br>3. Technical Support Service<br>3.1. Technical Support service must be available 24/7 (including) holidays.<br>3.2. Service Provider Technical Support Team<br>3.2.1. Should provide updated escalation matrix with contact details<br>3.2.2. Must have a specified single point of contact for technical support related concerns<br>3.3. Refer to the attached Service Level Agreement (SLA) for further details of the expected technical support services.<br><br>4. Other Documentary Requirements<br>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.<br>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.<br><br>5. Contract Duration & Extension, Renewal and Amendment<br>5.1. The term of the contract shall be for nine (9) months, from 01 April 2025 or upon link acceptance until 31 December 2025.<br>5.2. Contract may be extended, renewed, | | | | |

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| | | and amended based on the Guidelines on Procurement of Water, Electricity, Telecommunications and Internet Service Providers and Guidelines on the Renewal of Regular and Recurring Services and availability of funds.<br><br>6. Payment and Delivery Terms<br>6.1. The goods or service must be delivered on or before 01 April 2025.<br>6.2. 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.<br>6.3. The service provider must furnish DOST-ASTI monthly statement of accounts (SOAs) and observe provisions under the Contract.<br>6.3.1.The SOAs shall be delivered twenty (20) calendar days right after the billing cut-off. | | | |
| 7 | Month | **Local Transport - MK2 Data Center 5Gbps**<br><br>1.0. General Overview<br>1.1. The DOST-ASTI is seeking qualified and competent bidders for the Supply, Delivery, and Installation of the Local Mile Transport from the specified destination point to MK2 Data Center, Quezon City- within the specified duration.<br>1.2. The Approved Budget for the Contract (ABC) is inclusive of all applicable government taxes and service charges, e.g., Value Added Tax (VAT), One-time Charges (OTC), termination, and pre-termination charges, cross-connection fees, duties, etc.<br><br>2.0. Technical Specifications<br>2.1. Termination Points<br>2.1.1. Point A<br>2.1.1.1. From: DOST-ASTI<br>2.1.1.2. Address: ASTI IC Node, MK2 Data Center Makati City<br>2.1.2. Point B<br>2.1.2.1. From: Local MK2 Data Center<br>2.1.2.2. Address:ASTI Bldg., CP Garcia Ave., UP Campus, Diliman Quezon City<br>2.2. Technology: Ethernet | 9 | ₱75,264.00 | ₱677,376.00<br>Meth trans |

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| | | Circuit Capacity<br>2.3. Bandwidth: 5Gbps<br>2.4. Facility: Fiber Optic<br>2.5. Interface: Gigabit Ethernet<br>2.6. Provide network diagram of implementation. Indicate autonomous system number (ASN) in the diagram.<br>2.7. Must allow dynamic routing protocols such as OSPF, BGP, ISIS, etc.<br>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.<br>2.9. Ocular inspection is recommended. Please coordinate with DOST-ASTI's Bids and Awards Committee Secretariat at bac-sec@asti.dost.gov.ph, for the site survey schedule and permits.<br>2.10. Service Provider must peer with PhOpenIX by:<br>2.10.1. Announcing all prefixes under the ASN that they own through a bilateral peering with the PhOpenIX; and<br>2.10.2. Preferring routing from their network to other members through their PhOpenIX link, as opposed to routing it via transit links.<br>2.11. Shall also maintain good network performance and provisions upgrade to the next higher port upon reaching 70% utilization.<br>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.<br>2.13. The active equipment including external Power Supply Unit must have a maximum height of 3.504in (2RU), maximum length of 17.5in, and maximum depth of 14in.<br>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.<br>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.<br>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 | | | |

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| | | 17.5in. The depth is optional. The ODF/IDF should fit into a standard 19-inch two-post rack.<br>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.<br>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.<br>2.19. Link handover details:<br>2.19.1. Handover for links that are 100Mbps and below should be copper / electrical RJ45.<br>2.19.2. Handover for links greater than 1Gbps should be single-mode fiber with an LC or SC connector for End-user confirmation.<br>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.<br>2.21. Once the link has been delivered and installed, testing shall commence.<br>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.<br>2.22. Requirements for Link Acceptance:<br>2.22.1. Approved test results between End-user and Service Provider<br>2.22.2. Accomplished Service Acceptance form to signify compliance<br><br>3. Technical Support Service<br>3.1. Technical Support service must be available 24/7 (including) holidays.<br>3.2. Service Provider Technical Support Team<br>3.2.1. Should provide updated escalation matrix with contact details<br>3.2.2. Must have a specified single point of contact for technical | | | |

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| | | support related concerns<br>3.3. Refer to the attached Service Level Agreement (SLA) for further details of the expected technical support services.<br><br>4. Other Documentary Requirements<br>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.<br>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.<br><br>5. Contract Duration & Extension, Renewal and Amendment<br>5.1. The term of the contract shall be for nine (9) months, from 01 April 2025 or upon link acceptance until 31 December 2025.<br>5.2. Contract may be extended, renewed, and amended based on the Guidelines on Procurement of Water, Electricity, Telecommunications and Internet Service Providers and Guidelines on the Renewal of Regular and Recurring Services and availability of funds.<br><br>6. Payment and Delivery Terms<br>6.1. The goods or service must be delivered on or before 01 April 2025.<br>6.2. 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.<br>6.3. The service provider must furnish DOST-ASTI monthly statement of accounts (SOAs) and observe provisions under the Contract.<br>6.3.1.The SOAs shall be delivered twenty (20) calendar days right after the billing cut-off. | | | |

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| 8 | Month | **International Private Line (IPL) - United States of America (USA) 1Gbps**<br><br>1.0. General Overview<br>1.1. The DOST-ASTI is seeking qualified and competent bidders for the Supply, Delivery, and Installation of the Local Mile Transport from the specified destination point to One Wilshire Bldg., 624 South Grand Ave., Los Angeles, California, USA- within the specified duration.<br>1.2. The Approved Budget for the Contract (ABC) is inclusive of all applicable government taxes and service charges, e.g., Value Added Tax (VAT), One-time Charges (OTC), termination, and pre-termination charges, cross-connection fees, duties, etc.<br><br>2.0. Technical Specifications<br>2.1. Termination Points<br>2.1.1. Point A<br>2.1.1.1. From: DOST-ASTI<br>2.1.1.2. Address: ASTI IC Node, MK2 Data Center Makati City<br>2.1.2. Point B<br>2.1.2.1. From: USA<br>2.1.2.2. Address: One Wilshire Bldg., 624 South Grand Ave., Los Angeles, California, USA<br>2.2. Technology: Ethernet Circuit Capacity<br>2.3. Bandwidth: 1Gbps<br>2.4. Facility: Fiber Optic<br>2.5. Interface: Gigabit Ethernet<br>2.6. Provide network diagram of implementation. Indicate autonomous system number (ASN) in the diagram.<br>2.7. Must allow dynamic routing protocols such as OSPF, BGP, ISIS, etc.<br>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.<br>2.9. Ocular inspection is recommended. Please coordinate with DOST-ASTI's Bids and Awards Committee Secretariat at bac-sec@asti.dost.gov.ph, for the site survey schedule and permits.<br>2.10. Service Provider must peer with PhOpenIX by:<br>2.10.1. Announcing all prefixes under the ASN that they own through a bilateral peering with the PhOpenIX; and<br>2.10.2. Preferring routing from their network to other members through | 9 | ₱274,825.56 | ₱2,473,430.00 |

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| | | their PhOpenIX link, as opposed to routing it via transit links.<br>2.11. Shall also maintain good network performance and provisions upgrade to the next higher port upon reaching 70% utilization.<br>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.<br>2.13. The active equipment including external Power Supply Unit must have a maximum height of 3.504in (2RU), maximum length of 17.5in, and maximum depth of 14in.<br>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.<br>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.<br>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.<br>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.<br>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.<br>2.19. Link handover details:<br>2.19.1. Handover for links that are 100Mbps and below should be copper / | | | |

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| | | electrical RJ45.<br>2.19.2. Handover for links greater than 1Gbps should be single-mode fiber with an LC or SC connector for End-user confirmation.<br>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.<br>2.21. Once the link has been delivered and installed, testing shall commence.<br>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.<br>2.22. Requirements for Link Acceptance:<br>2.22.1. Approved test results between End-user and Service Provider<br>2.22.2. Accomplished Service Acceptance form to signify compliance<br><br>3.0. Technical Support Service<br>3.1. Technical Support service must be available 24/7 (including) holidays.<br>3.2. Service Provider Technical Support Team<br>3.2.1. Should provide updated escalation matrix with contact details<br>3.2.2. Must have a specified single point of contact for technical support related concerns<br>3.3. Refer to the attached Service Level Agreement (SLA) for further details of the expected technical support services.<br><br>4.0. Other Documentary Requirements<br>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.<br>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.<br><br>5.0. Contract Duration & Extension, Renewal and Amendment<br>5.1. The term of the contract shall be for nine (9) months, from 01 April 2025 or upon link acceptance until 31 December 2025. | | | |

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| | | 5.2. Contract may be extended, renewed, and amended based on the Guidelines on Procurement of Water, Electricity, Telecommunications and Internet Service Providers and Guidelines on the Renewal of Regular and Recurring Services, and availability of funds.<br><br>6.0. Payment and Delivery Terms<br>6.1. The goods or service must be delivered on or before 01 April 2025.<br>6.2. 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.<br>6.3. The service provider must furnish DOST-ASTI monthly statement of accounts (SOAs) and observe provisions under the Contract.<br>6.3.1.The SOAs shall be delivered twenty (20) calendar days right after the billing cut-off. | | | | |
| **9** | **Month** | **Local Transport - Court of Appeals (CA) Manila Secondary 100Mbps**<br><br>1.0. General Overview<br>1.1. The DOST-ASTI is seeking qualified and competent bidders for the Supply, Delivery, and Installation of the Local Mile Transport from the specified destination point to Court of Appeals-Manila (Secondary) within the specified duration below.<br>1.2. The Approved Budget for the Contract (ABC) is inclusive of all applicable government taxes and service charges, e.g., Value Added Tax (VAT), One-time Charges (OTC), termination, and pre-termination charges, cross-connection fees, duties, etc.<br><br>2. Technical Specifications<br>2.1. Termination Points<br>2.1.1. Point A<br>2.1.1.1. From: DOST-ASTI<br>2.1.1.2. Address: DOST-ASTI Bldg. CP Garcia Ave., UP Campus, Diliman, Quezon City<br>2.1.2. Point B<br>2.1.2.1. From: Court of Appeals - Manila<br>2.1.2.2. Address: Court of Appeals, | **9** | **₱10,584.00** | **₱95,256.00**<br>tech bars |

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| | | Ma. Orosa St., Ermita, Manila<br>2.2. Technology: Ethernet Circuit Capacity<br>2.3. Bandwidth: 100Mbps<br>2.4. Facility: Fiber Optic<br>2.5. Interface: Gigabit Ethernet<br>2.6. Provide network diagram of implementation. Indicate autonomous system number (ASN) in the diagram.<br>2.7. Must allow dynamic routing protocols such as OSPF, BGP, ISIS, etc.<br>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.<br>2.9. Ocular inspection is recommended. Please coordinate with DOST-ASTI's Bids and Awards Committee Secretariat at bac-sec@asti.dost.gov.ph, for the site survey schedule and permits.<br>2.10. Service Provider must peer with PhOpenIX by:<br>2.10.1. Announcing all prefixes under the ASN that they own through a bilateral peering with the PhOpenIX; and<br>2.10.2. Preferring routing from their network to other members through their PhOpenIX link, as opposed to routing it via transit links.<br>2.11. Shall also maintain good network performance and provisions upgrade to the next higher port upon reaching 70% utilization.<br>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.<br>2.13. The active equipment including external Power Supply Unit must have a maximum height of 3.504in (2RU), maximum length of 17.5in, and maximum depth of 14in.<br>2.14. The active equipment must have dual AC power supplies that are 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.<br>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.<br>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 through 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

3. 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

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| | | 3.2.2. Must have a specified single point of contact for technical support related concerns<br>3.3. Refer to the attached Service Level Agreement (SLA) for further details of the expected technical support services.<br><br>4. Other Documentary Requirements<br>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.<br>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.<br><br>5. Contract Duration & Extension, Renewal and Amendment<br>5.1. The term of the contract shall be for nine (9) months, from 01 April 2025 or upon link acceptance until 31 December 2025.<br>5.2. Contract may be extended, renewed, and amended based on the Guidelines on Procurement of Water, Electricity, Telecommunications and Internet Service Providers and Guidelines on the Renewal of Regular and Recurring Services, and availability of funds.<br><br>6. Payment and Delivery Terms<br>6.1. The service must be delivered on or before 01 April 2025.<br>6.2. 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.<br>6.3. The service provider must furnish DOST-ASTI monthly statement of accounts (SOAs) and observe provisions under the Contract.<br>6.4. The SOAs shall be delivered twenty (20) calendar days right after the billing cut-off. | | | |

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| **10** | **Month** | **Local Transport - University of the Philippines (UP) Bonifacio Global City (BGC) 10Mbps**<br><br>1.0. General Overview<br>1.1. The DOST-ASTI is seeking qualified and competent bidders for the Supply, Delivery, and Installation of the Local Mile Transport from the specified destination point to University of the Philippines (UP) Bonifacio Global City (BGC) within the specified duration.<br>1.2. The 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.<br><br>2.0. Technical Specifications<br>2.1. Termination Points<br>2.1.1. Point A<br>2.1.1.1. From: DOST-ASTI<br>2.1.1.2. Address: ASTI Bldg. CP Garcia Ave., UP Campus, Diliman, Quezon City<br>2.1.2. Point B<br>2.1.2.1. From: UP - BGC<br>2.1.2.2. Address: University of the Philippines, Professional Schools, Basement 1, Henry Sy Sr. Hall (Network Room) Bonifacio Global City, 32nd Street, Taguig<br>2.2. Technology: Ethernet Circuit Capacity<br>2.3. Bandwidth: 10Mbps<br>2.4. Facility: Fiber Optic<br>2.5. Interface: Gigabit Ethernet<br>2.6. Provide network diagram of implementation. Indicate autonomous system number (ASN) in the diagram.<br>2.7. Must allow dynamic routing protocols such as OSPF, BGP, ISIS, etc.<br>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. | **9** | **₱10,800.00** | **₱97,200.00**<br>4 each hrong |

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| | | 2.9. Ocular inspection is recommended. Please coordinate with DOST-ASTI's Bids and Awards Committee Secretariat at bac-sec@asti.dost.gov.ph, for the site survey schedule and permits.<br>2.10. Service Provider must peer with PhOpenIX by:<br>2.10.1. Announcing all prefixes under the ASN that they own thru a bilateral peering with the PhOpenIX; and<br>2.10.2. Preferring routing from their network to other members through their PhOpenIX link, as opposed to routing it via transit links.<br>2.11. Shall also maintain good network performance and provisions upgrade to the next higher port upon reaching 70% utilization.<br>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.<br>2.13. The active equipment including external Power Supply Unit must have a maximum height of 3.504in (2RU), maximum length of 17.5in, and maximum depth of 14in.<br>2.14. The active equipment must have dual AC power supplies that are 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.<br>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.<br>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.<br>2.17. The fiber / copper cable run should route through 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

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 SLA for 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 / proof that link is

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| | | serviceable and has available capacity to accommodate this link to avoid delays in implementation.<br><br>5.0. Contract Duration & Extension, Renewal and Amendment<br>5.1. The term of the contract shall be for nine (9) months, from 01 April 2025 or upon link acceptance until 31 December 2025.<br>5.2. Contract may be extended, renewed, and amended based on the Guidelines on Procurement of Water, Electricity, Telecommunications and Internet Service Providers and Guidelines on the Renewal of Regular and Recurring Services, and availability of funds.<br><br>6.0. Payment and Delivery Terms<br>6.1. The goods or service must be delivered on or before 01 April 2025.<br>6.2. 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.<br>6.3. The service provider must furnish DOST-ASTI monthly statement of accounts (SOAs) and observe provisions under the Contract.<br>6.3.1.The SOAs shall be delivered twenty (20) calendar days right after the billing cut-off. | | | |
| | | | | **TOTAL:** | **P3,731,052.97** |
| **(Total Amount in Words)** | | | **Three Million Seven Hundred Thirty One Thousand Fifty Two Pesos and Ninety Seven Centavos Only** | | |

The contract price is inclusive of taxes and other fees or charges. In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed on the undelivered item/s. Once the cumulative amount of liquidated damages reaches ten percent (10%) of the amount of the contract, DOST-ASTI may rescind or terminate the contract, without prejudice to other courses of action and remedies available under the circumstances and in accordance with the provisions of the latest implementing rules and regulations of RA 9184.

Conforme:

(Signature over Printed Name of Supplier)

(Date)

Very Truly Yours,

**FRANZ A. DE LEON, Ph.D.**

Director, DOST-ASTI

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|---|---|---|---|
| **Fund Cluster:** | 01 | ORS / BURS No.: | 021010 2025-01-000035 |
| | | ORS / BURS Date: | JANUARY 21, 2025 |
| **Funds Available:** | Php 3,731,052.97 | Amount: | ₱ 3,731,052.97 |

**GAY CONCEPCION S. BUGAGAO**
Accountant III

Republic of the Philippines
**DEPARTMENT OF SCIENCE AND TECHNOLOGY**
**ADVANCED SCIENCE AND TECHNOLOGY INSTITUTE**

BAGONG PILIPINAS

17 January 2025

**NOTICE TO PROCEED**
PUBLIC BIDDING

**Mr. BENJAMIN REX EMILIO B. AZADA**
Chief Commercial Officer of the Corporation
**CONVERGE ICT SOLUTIONS, INC.**
Newstreet Bldg., Mc Arthur Hi-way
Balibago, Angeles City

Dear Mr. Azada,

Notice is hereby given to **CONVERGE ICT SOLUTIONS, INC.** that work/delivery may proceed for the following procurement details:

| | | |
|---|---|---|
| Contract Name | : | **Supply, Delivery, and Installation of Various Local Transports (Lot Nos. 1-9, and 11)** |
| Purchase Request No. | : | **INNOVATE-24-09-19856 \| INNOVATE-24-10-20113** |
| Purchase / Work Order No. | : | **25-01-009** |
| Total Contract Price (inclusive of taxes, import duties and all other charges or fees) | : | **Php 3,731,052.97** |
| Total Contract Price in Words | : | **Three Million Seven Hundred Thirty One Thousand Fifty Two Pesos and Ninety Seven Centavos** |

Upon signing receipt of this Notice, you are responsible for performing the services under the terms and conditions of the Agreement/Purchase Order/Work Order and in accordance with the schedule of requirements/delivery schedule.

You are also hereby required to file a Warranty Security for a minimum period of three (3) months, in the case of Expendable Supplies, or a minimum period of one (1) year, in the case of Non-Expendable Supplies, after acceptance by the Procuring Entity of the delivered supplies. It shall 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. The said amounts shall only be released after the lapse of the warranty period or, in the case of Expendable Supplies, after consumption thereof: Provided, however, That the supplies delivered are free from patent and latent defects and all the conditions imposed under the contract have been fully met.

Note that failure to comply with the above requirements and failure to perform the services under the terms and conditions of the Agreement/Purchase Order/Work Order may constitute grounds for its forfeiture.

Please acknowledge receipt and acceptance of this Notice by signing in the space provided below. There are two (2) copies of this document; you may keep one copy and return the other to the Bids and Awards Committee (BAC) Secretariat of the Advanced Science and Technology Institute. Should you have any questions or clarifications, you may reach us at bac-sec@asti.dost.gov.ph.

Respectfully,

**FRANZ A. DE LEON, Ph.D.**
Director

Digitally signed by Bayani Benjamin R. Lara

**DATE OF ISSUANCE:**
27 JAN 2025

**RECEIVED BY:**

Signature over Printed Name

Date and Time

**WARRANTY SECURITY**

Type of Warranty Security:
Amount of Warranty Security: Php
O.R. No.:

Postal Address : ASTI Bldg. UP Technology Park Complex
CP Garcia Ave., Diliman, Quezon City 1101
Website: : www.asti.dost.gov.ph
Email: : info@asti.dost.gov.ph

Tel No.: +632 8249-8500
+632 8426-9755
Fax No.: +632 8249-9764