

# DEPARTMENT OF SCIENCE AND TECHNOLOGY ADVANCED SCIENCE AND TECHNOLOGY INSTITUTE



ASTI-FM 03-10 REV 5/ 30 APR 2024

# DOST-ASTI Bids and Awards Committee REQUEST FOR QUOTATION

Kind of Procurement A	ctivity: Negotiated	Negotiated Procurement:Small-value Procurement		
Deadline of Submission o	f Bids: April-15-202	25; 2:00PM		
RFQ No:	SSED-25-04-004	Date	April-10-2025	
PR No:	GAA-25-03-20769	Date	March-04-2025	

The Department of Science and Technology (DOST) - Advanced Science and Technology Institute (ASTI), through its Bids and Awards Committee (BAC), intends to procure the enlisted item/s below. Bidders may submit a proposal on any of the lots or items, and evaluation will be undertaken on a per lot or item basis, except otherwise specified in the requirements. Award may be considered for prospective bidder/s proven to be the single/lowest calculated and responsive quotation among all other quotations. Guidelines on the format of quotations and eligibility documents are listed below. Kindly follow the prescribed GUIDELINES to avoid DISQUALIFICATION.

Quotations may be submitted 1) manually to the BAC Secretariat at G/F DOST-ASTI Bldg., UP Technology Park Complex, CP Garcia Ave., UP Campus, Diliman, Quezon City or 2) sent via electronic mail at bac-sec@asti.dost.gov.ph. For further information, please contact the BAC Secretariat at +63 2 8249-8500 loc. 1206/1212.

Thank you.

## JEFFREY A. ABOROT

BAC Chairperson

NO.	TECHNICAL SPECIFICATIONS	QTY	UNIT	UNIT PRICE(Php)	TOTAL PRICE(Php
1	Hi Gain Lora Antenna (8dBi)	5	рс	6,900.00	34,500.00
	1. GENERAL OVERVIEW			· · · · ·	
	1.1. DOST-ASTI is seeking qualified and				
	competent bidders for the Supply and Delivery of Five (5) Pieces of Hi Gain Lora Antenna (8dBi)				
	which will be part of prototype devices.				
	1.2. The Approved Budget for the Contract (ABC)				
	is inclusive of government taxes and all applicable				
	charges.				
	2. TECHNICAL SPECIFICATIONS				
	2.1. Material: FRP (Fiberglass)				
	2.2. Average Gain: 8.0 +/-0.8dBi				
	2.3. Frequency Range: 858-878MHz				
	2.4. Radiation Pattern: Omni-directional				
	2.5. Polarization: Linear polarization/ Vertical 2.6. Impedance: 50 Ohm 2.7. Cable Type: RG-141				
	500hm				
	2.8. Connector Type: N-J Double tooth connector				
	3. WARRANTY AND AFTERSALES SUPPORT				
	3.1. Any repair or replacement service must be				
	successfully done within thirty (30) calendar days				
	upon receipt of notice from DOST-ASTI.				
	3.2. The end-user must be able to request				
	technical support by phone, email, or through a				
	website.				

	2.2. The Hi Cain Leve Antennes (C-D)				1
	3.3. The Hi Gain Lora Antennas (8dBi) must have				
	at least one (1) year of warranty from the time of				
	delivery which covers defects in materials and				
	workmanship. Warranty service shall commence				
	from the date of end-user acceptance.				
	4. DELIVERY AND PAYMENT TERMS				
	4.1. The goods must be delivered sixty (60) days				
	upon issuance of Notice to Proceed (NTP).				
	4.2. Full payment will only be processed once the				
	item is completely delivered, inspected, and				
	accepted by the end-user. No payment shall be				
	made for items not delivered under this contract.				
2	Hi Gain Lora Antenna (5dBi)	5	рс	3,500.00	17,500.00
	1. GENERAL OVERVIEW				
	1.1. DOST-ASTI is seeking qualified and				
	competent bidders for the Supply and Delivery of				
	Five (5) Pieces of Antenna (5dBi) which will be part				
	of prototype devices.				
	1.2. The ABC is inclusive of government taxes and				
	all applicable charges.				
	2. TECHNICAL SPECIFICATIONS				
	2.1. Material: FRP (Fiberglass)				
	2.2. Average Gain: 5.0 +/-0.8dBi				
	2.3. Frequency Range: 860-930MHz				
	2.4. Radiation Pattern: Omni-directional				
	2.5. Polarization: Linear polarization/ Vertical				
	2.6. Impedance: 50 Ohm				
	2.7. Cable Type: RG-141 50Ohm				
	2.8. Connector Type: N-J Double tooth connector				
	2.8. Connector Type. N-5 Double tooth connector				
	3. WARRANTY AND AFTERSALES SUPPORT				
	3.1. Any repair or replacement service must be				
	successfully done within thirty (30) calendar days				
	upon receipt of notice from DOST-ASTI.				
	3.2. The end-user must be able to request				
	technical support by phone, email, or through a				
	website.				
	3.3. The Hi Gain Lora Antennas (5dBi) must have				
	at least one (1) year of warranty from the time of				
	delivery which covers defects in materials and				
	workmanship. Warranty service shall commence				
	from the date of end-user acceptance.				
	4. DELIVERY AND PAYMENT TERMS				
	4.1. The goods must be delivered sixty (60) days				
	upon issuance of NTP.				
	4.2. Full payment will only be processed once the				
	item is completely delivered, inspected, and				
	accepted by the end-user. No payment shall be				
	made for items not delivered under this contract.				
3	Meshtastic Starter Kit	5	set	5,000.00	25,000.00
	1. GENERAL OVERVIEW	<b>.</b>		0,000.00	20,000.00
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	<ul> <li>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of Five (5) Sets of Meshtastic Starter Kit which will be part of prototype devices.</li> <li>1.2. The ABC is inclusive of government taxes and all applicable charges.</li> <li>2. TECHNICAL SPECIFICATIONS</li> <li>2.1. Core Module: Module must be compatible with NRF chips</li> <li>2.2. Frequency: 800MHz</li> <li>2.3. Meshtastic Tracker Role:</li> <li>2.4.1. Has GNSS location module</li> <li>2.4.2. has acceleration module</li> <li>3. WARRANTY AND AFTERSALES SUPPORT</li> <li>3.1. Any repair or replacement service must be successfully done within thirty (30) calendar days upon receipt of notice from DOST-ASTI.</li> <li>3.2. The end-user must be able to request technical support by phone, email, or through a website.</li> <li>3.3. The Meshtastic Starter Kit must have at least one (1) year of warranty from the time of delivery which covers defects in materials and workmanship. Warranty service shall commence from the date of end-user acceptance.</li> <li>4. DELIVERY AND PAYMENT TERMS</li> <li>4.1. The goods must be delivered sixty (60) days upon issuance of NTP. 4.2. Full payment will only be processed once the item is completely delivered, inspected, and accepted by the end-user. No payment shall be made for items not delivered under this contract</li> </ul>				
	delivered under this contract.				
4	GNSS Magnetic Mount Antenna	2	рс	6,250.00	12,500.00
	1. GENERAL OVERVIEW	<u> </u>	~~	0,200.00	.2,000.00
	<ul> <li>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of Two (2) Pieces of GNSS Magnetic Mount Antenna which will be part of prototype devices.</li> <li>1.2. The ABC is inclusive of government taxes and all applicable charges.</li> </ul>				
	2. TECHNICAL SPECIFICATIONS				
	<ul> <li>2.1. Parameter: L1 Band</li> <li>2.1.1. Frequency: 1599-1606 MHz</li> <li>2.1.2. Impedance: 50 Ohms</li> <li>2.1.3. Gain: Typ. 3.5 dBic (Zenith)</li> <li>2.1.4. Axial Ratio: Max 2.0. dB (Zenith)</li> <li>2.1.5. Polarization: RHCP</li> <li>2.2. Parameter: L2/E5b/B2I Band</li> </ul>				

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	2.1.1. Frequency: 1197-1249 MHz				
	2.1.2. Impedance: 50 Ohms				
	2.1.3. Gain: Typ. 0.0-2.0 dBic (Zenith)				
	2.1.4. Axial Ratio: Max 2.0. dB (Zenith)				
	2.1.5. Polarization: RHCP 2.3 Connector Type:				
	SMA				
	3. WARRANTY AND AFTERSALES SUPPORT				
	3.1. Any repair or replacement service must be				
	successfully done within thirty (30) calendar days				
	upon receipt of notice from DOST-ASTI.				
	3.2. The end-user must be able to request				
	technical support by phone, email, or through a				
	website.				
	3.3. The GNSS Magnetic Mount Antenna must				
	have at least one (1) year of warranty from the				
	time of delivery which covers defects in materials				
	and workmanship. Warranty service shall				
	commence from the date of end-user acceptance.				
	4. DELIVERY AND PAYMENT TERMS				
	4.1. The goods must be delivered sixty (60) days				
	upon issuance of NTP.				
	4.2. Full payment will only be processed once the				
	item is completely delivered, inspected, and				
	accepted by the end-user. No payment shall be				
	made for items not delivered under this contract.				
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5	LiFepo4 Battery (30Ah)	5	рс	8,750.00	43,750.00
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5	<ol> <li>GENERAL OVERVIEW</li> <li>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of</li> </ol>	5	рс	8,750.00	43,750.00
5	<ol> <li>GENERAL OVERVIEW</li> <li>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of Five (5) Pieces of LiFepo4 Battery (30Ah) which</li> </ol>	5	рс	8,750.00	43,750.00
5	<ol> <li>GENERAL OVERVIEW</li> <li>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of Five (5) Pieces of LiFepo4 Battery (30Ah) which will be part of prototype devices.</li> </ol>	5	рс	8,750.00	43,750.00
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5	<ol> <li>GENERAL OVERVIEW</li> <li>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of Five (5) Pieces of LiFepo4 Battery (30Ah) which will be part of prototype devices.</li> <li>1.2. The ABC is inclusive of government taxes and all applicable charges.</li> <li>TECHNICAL SPECIFICATIONS</li> <li>1. Capacity: 30 Ah (384 Wh)</li> <li>2. Max Discharge Rate: 20A</li> <li>3. Max Charging Rate: 20A</li> <li>4. Charging Voltage: 14.4.v</li> <li>WARRANTY AND AFTERSALES SUPPORT</li> <li>3.1. Any repair or replacement service must be successfully done within thirty (30) calendar days upon receipt of notice from DOST-ASTI.</li> <li>3.2. The end-user must be able to request technical support by phone, email, or through a website.</li> <li>3.3. The LiFepo4 Battery (30Ah) must have at least one (1) year of warranty from the time of</li> </ol>	5	рс	8,750.00	43,750.00
5	<ol> <li>GENERAL OVERVIEW</li> <li>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of Five (5) Pieces of LiFepo4 Battery (30Ah) which will be part of prototype devices.</li> <li>The ABC is inclusive of government taxes and all applicable charges.</li> <li>TECHNICAL SPECIFICATIONS</li> <li>Capacity: 30 Ah (384 Wh)</li> <li>Max Discharge Rate: 20A</li> <li>Max Charging Rate: 20A</li> <li>Max Charging Rate: 14.4.v</li> <li>WARRANTY AND AFTERSALES SUPPORT</li> <li>Any repair or replacement service must be successfully done within thirty (30) calendar days upon receipt of notice from DOST-ASTI.</li> <li>The end-user must be able to request technical support by phone, email, or through a website.</li> <li>The LiFepo4 Battery (30Ah) must have at least one (1) year of warranty from the time of delivery which covers defects in materials and</li> </ol>	5	рс	8,750.00	43,750.00
5	<ol> <li>GENERAL OVERVIEW</li> <li>GENERAL OVERVIEW</li> <li>DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of Five (5) Pieces of LiFepo4 Battery (30Ah) which will be part of prototype devices.</li> <li>The ABC is inclusive of government taxes and all applicable charges.</li> <li>TECHNICAL SPECIFICATIONS</li> <li>Capacity: 30 Ah (384 Wh)</li> <li>Capacity: 30 Ah (384 Wh)</li> <li>Max Discharge Rate: 20A</li> <li>Max Charging Rate: 20A</li> <li>Charging Voltage: 14.4.v</li> <li>WARRANTY AND AFTERSALES SUPPORT</li> <li>Any repair or replacement service must be successfully done within thirty (30) calendar days upon receipt of notice from DOST-ASTI.</li> <li>The end-user must be able to request technical support by phone, email, or through a website.</li> <li>The LiFepo4 Battery (30Ah) must have at least one (1) year of warranty from the time of delivery which covers defects in materials and workmanship. Warranty service shall commence</li> </ol>	5	рс	8,750.00	43,750.00
5	<ol> <li>GENERAL OVERVIEW</li> <li>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of Five (5) Pieces of LiFepo4 Battery (30Ah) which will be part of prototype devices.</li> <li>The ABC is inclusive of government taxes and all applicable charges.</li> <li>TECHNICAL SPECIFICATIONS</li> <li>Capacity: 30 Ah (384 Wh)</li> <li>Max Discharge Rate: 20A</li> <li>Max Charging Rate: 20A</li> <li>Max Charging Rate: 14.4.v</li> <li>WARRANTY AND AFTERSALES SUPPORT</li> <li>Any repair or replacement service must be successfully done within thirty (30) calendar days upon receipt of notice from DOST-ASTI.</li> <li>The end-user must be able to request technical support by phone, email, or through a website.</li> <li>The LiFepo4 Battery (30Ah) must have at least one (1) year of warranty from the time of delivery which covers defects in materials and</li> </ol>	5	рс	8,750.00	43,750.00
5	<ol> <li>GENERAL OVERVIEW</li> <li>GENERAL OVERVIEW</li> <li>DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of Five (5) Pieces of LiFepo4 Battery (30Ah) which will be part of prototype devices.</li> <li>The ABC is inclusive of government taxes and all applicable charges.</li> <li>TECHNICAL SPECIFICATIONS</li> <li>Capacity: 30 Ah (384 Wh)</li> <li>Capacity: 30 Ah (384 Wh)</li> <li>Max Discharge Rate: 20A</li> <li>Max Charging Rate: 20A</li> <li>Charging Voltage: 14.4.v</li> <li>WARRANTY AND AFTERSALES SUPPORT</li> <li>Any repair or replacement service must be successfully done within thirty (30) calendar days upon receipt of notice from DOST-ASTI.</li> <li>The end-user must be able to request technical support by phone, email, or through a website.</li> <li>The LiFepo4 Battery (30Ah) must have at least one (1) year of warranty from the time of delivery which covers defects in materials and workmanship. Warranty service shall commence</li> </ol>	5	рс	8,750.00	43,750.00

<ul> <li>4.1. The goods must be delivered sixty (60) days upon issuance of NTP.</li> <li>4.2. Full payment will only be processed once the item is completely delivered, inspected, and accepted by the end-user. No payment shall be made for items not delivered under this contract.</li> </ul>	
4.2. Full payment will only be processed once the item is completely delivered, inspected, and accepted by the end-user. No payment shall be	
item is completely delivered, inspected, and accepted by the end-user. No payment shall be	
item is completely delivered, inspected, and accepted by the end-user. No payment shall be	
accepted by the end-user. No payment shall be	
made for items not delivered under this contract.	
6 Single Board Computer 20 pc 1,650.00 33,00	0.00
1. GENERAL OVERVIEW	
1.1. DOST-ASTI is seeking qualified and	
competent bidders for the Supply and Delivery of	
Twenty (20) Pieces of Single Board Computers	
which will be part of prototype devices.	
1.2. The ABC is inclusive of government taxes and	
all applicable charges.	
2. TECHNICAL SPECIFICATIONS	
2.1. Speed: 1GHz	
2.2. RAM Capacity: 512MB	
2.3. Storage Interface: microSD	
3. WARRANTY AND AFTERSALES SUPPORT	
3.1. Any repair or replacement service must be	
successfully done within thirty (30) calendar days	
upon receipt of notice from DOST-ASTI.	
3.2. The end-user must be able to request	
technical support by phone, email, or through a	
website.	
3.3. The Single Board Computers must have at	
least one (1) year of warranty from the time of	
delivery which covers defects in materials and	
workmanship. Warranty service shall commence	
from the date of end-user acceptance.	
4. DELIVERY AND PAYMENT TERMS	
4.1. The goods must be delivered sixty (60) days	
upon issuance of NTP.	
4.2. Full payment will only be processed once the	
item is completely delivered, inspected, and	
accepted by the end-user. No payment shall be	
made for items not delivered under this contract.	
7 Charge Controller (10A) 5 pc 4,000.00 20,00	0.00
1. GENERAL OVERVIEW	
1.1. DOST-ASTI is seeking qualified and	
competent bidders for the Supply and Delivery of	
Five (5) Pieces of Charge Controllers (10A) which	
will be part of prototype devices.	
1.2. The ABC is inclusive of government taxes and	
all applicable charges.	
2. TECHNICAL SPECIFICATIONS	
2.1. Rated Charge and Discharge Current: 10A	
2.2. Battery Voltage Range: 8 ~ 32V	

			1	r	
	2.3. MPP Voltage Range: (Battery voltage +2V) ~				
	36V				
	2.4. Working Environment Temperature: -25°C ~ +45°C (100% input and output)				
	2.5. Storage Temperature Range: -20°C ~ +70°C				
	2.6. Enclosure: IP30				
	3. WARRANTY AND AFTERSALES SUPPORT				
	3.1. Any repair or replacement service must be				
	successfully done within thirty (30) calendar days upon receipt of notice from DOST-ASTI.				
	3.2. The end-user must be able to request				
	technical support by phone, email, or through a				
	website.				
	3.3. The Charge Controllers (10A) must have at				
	least one (1) year of warranty from the time of				
	delivery which covers defects in materials and				
	workmanship. Warranty service shall commence from the date of end-user acceptance.				
	nom me date of end-user acceptance.				
	4. DELIVERY AND PAYMENT TERMS				
	· · · · · · · · · · · · · · · · · · ·				
	4.1. The goods must be delivered sixty (60) days				
	upon issuance of NTP. 4.2. Full payment will only be processed once the				
	item is completely delivered, inspected, and				
	accepted by the end-user. No payment shall be				
	made for items not delivered under this contract.				
•	DC-DC 12V to 5V Dual USB Output Power	10	20	227 50	2 275 00
8	Adapter	10	рс	337.50	3,375.00
8		10	рс	337.50	3,375.00
8	Adapter 1. GENERAL OVERVIEW	10	рс	337.50	3,375.00
8	Adapter         1. GENERAL OVERVIEW         1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of	10	рс	337.50	3,375.00
8	Adapter         1. GENERAL OVERVIEW         1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of ten (10) pieces of DC-DC 12V to 5V Dual USB	10	рс	337.50	3,375.00
8	Adapter1. GENERAL OVERVIEW1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of ten (10) pieces of DC-DC 12V to 5V Dual USB Output Power Adapter which will be part of	10	рс	337.50	3,375.00
8	Adapter1. GENERAL OVERVIEW1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of ten (10) pieces of DC-DC 12V to 5V Dual USB Output Power Adapter which will be part of prototype devices.	10	рс	337.50	3,375.00
8	Adapter1. GENERAL OVERVIEW1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of ten (10) pieces of DC-DC 12V to 5V Dual USB Output Power Adapter which will be part of prototype devices.1.2. The ABC is inclusive of government taxes and	10	рс	337.50	3,375.00
8	Adapter1. GENERAL OVERVIEW1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of ten (10) pieces of DC-DC 12V to 5V Dual USB Output Power Adapter which will be part of prototype devices.	10	рс	337.50	3,375.00
8	Adapter1. GENERAL OVERVIEW1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of ten (10) pieces of DC-DC 12V to 5V Dual USB Output Power Adapter which will be part of prototype devices.1.2. The ABC is inclusive of government taxes and	10	рс	337.50	3,375.00
8	Adapter1. GENERAL OVERVIEW1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of ten (10) pieces of DC-DC 12V to 5V Dual USB Output Power Adapter which will be part of prototype devices.1.2. The ABC is inclusive of government taxes and all applicable charges.2. TECHNICAL SPECIFICATIONS	10	рс	337.50	3,375.00
8	Adapter1. GENERAL OVERVIEW1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of ten (10) pieces of DC-DC 12V to 5V Dual USB Output Power Adapter which will be part of prototype devices.1.2. The ABC is inclusive of government taxes and all applicable charges.2. TECHNICAL SPECIFICATIONS2.1. Input Voltage: DC 8V ~ 22V	10	рс	337.50	3,375.00
8	Adapter1. GENERAL OVERVIEW1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of ten (10) pieces of DC-DC 12V to 5V Dual USB Output Power Adapter which will be part of prototype devices.1.2. The ABC is inclusive of government taxes and all applicable charges.2. TECHNICAL SPECIFICATIONS2.1. Input Voltage: DC 8V ~ 22V 2.2. Output Voltage: 5V	10	рс	337.50	3,375.00
8	Adapter1. GENERAL OVERVIEW1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of ten (10) pieces of DC-DC 12V to 5V Dual USB Output Power Adapter which will be part of prototype devices.1.2. The ABC is inclusive of government taxes and all applicable charges.2. TECHNICAL SPECIFICATIONS2.1. Input Voltage: DC 8V ~ 22V 2.2. Output Voltage: 5V 2.3. Output Current: 3A Max	10	рс	337.50	3,375.00
8	Adapter1. GENERAL OVERVIEW1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of ten (10) pieces of DC-DC 12V to 5V Dual USB Output Power Adapter which will be part of prototype devices.1.2. The ABC is inclusive of government taxes and all applicable charges.2. TECHNICAL SPECIFICATIONS2.1. Input Voltage: DC 8V ~ 22V 2.2. Output Voltage: 5V	10	рс	337.50	3,375.00
8	Adapter1. GENERAL OVERVIEW1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of ten (10) pieces of DC-DC 12V to 5V Dual USB Output Power Adapter which will be part of prototype devices.1.2. The ABC is inclusive of government taxes and all applicable charges.2. TECHNICAL SPECIFICATIONS2.1. Input Voltage: DC 8V ~ 22V 2.2. Output Voltage: 5V 2.3. Output Current: 3A Max	10	рс	337.50	3,375.00
8	Adapter1. GENERAL OVERVIEW1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of ten (10) pieces of DC-DC 12V to 5V Dual USB Output Power Adapter which will be part of prototype devices.1.2. The ABC is inclusive of government taxes and all applicable charges.2. TECHNICAL SPECIFICATIONS2.1. Input Voltage: DC 8V ~ 22V 2.2. Output Voltage: 5V 2.3. Output Current: 3A Max 2.4. Operating Temperature: -40°C ~ +85°C3. WARRANTY AND AFTERSALES SUPPORT	10	рс	337.50	3,375.00
8	Adapter1. GENERAL OVERVIEW1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of ten (10) pieces of DC-DC 12V to 5V Dual USB Output Power Adapter which will be part of prototype devices.1.2. The ABC is inclusive of government taxes and all applicable charges.2. TECHNICAL SPECIFICATIONS2.1. Input Voltage: DC 8V ~ 22V 2.2. Output Voltage: 5V 2.3. Output Current: 3A Max 2.4. Operating Temperature: -40°C ~ +85°C3. WARRANTY AND AFTERSALES SUPPORT 3.1. Any repair or replacement service must be	10	рс	337.50	3,375.00
8	Adapter1. GENERAL OVERVIEW1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of ten (10) pieces of DC-DC 12V to 5V Dual USB Output Power Adapter which will be part of prototype devices.1.2. The ABC is inclusive of government taxes and all applicable charges.2. TECHNICAL SPECIFICATIONS2.1. Input Voltage: DC 8V ~ 22V 2.2. Output Voltage: 5V 2.3. Output Current: 3A Max 2.4. Operating Temperature: -40°C ~ +85°C3. WARRANTY AND AFTERSALES SUPPORT 3.1. Any repair or replacement service must be successfully done within thirty (30) calendar days	10	рс	337.50	3,375.00
8	Adapter1. GENERAL OVERVIEW1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of ten (10) pieces of DC-DC 12V to 5V Dual USB Output Power Adapter which will be part of prototype devices.1.2. The ABC is inclusive of government taxes and all applicable charges.2. TECHNICAL SPECIFICATIONS2.1. Input Voltage: DC 8V ~ 22V 2.2. Output Voltage: 5V 2.3. Output Current: 3A Max 2.4. Operating Temperature: -40°C ~ +85°C3. WARRANTY AND AFTERSALES SUPPORT 3.1. Any repair or replacement service must be successfully done within thirty (30) calendar days upon receipt of notice from DOST-ASTI.	10	рс	337.50	3,375.00
8	Adapter1. GENERAL OVERVIEW1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of ten (10) pieces of DC-DC 12V to 5V Dual USB Output Power Adapter which will be part of prototype devices.1.2. The ABC is inclusive of government taxes and all applicable charges.2. TECHNICAL SPECIFICATIONS2.1. Input Voltage: DC 8V ~ 22V 2.2. Output Voltage: 5V 2.3. Output Current: 3A Max 2.4. Operating Temperature: -40°C ~ +85°C3. WARRANTY AND AFTERSALES SUPPORT 3.1. Any repair or replacement service must be successfully done within thirty (30) calendar days	10	рс	337.50	3,375.00
8	Adapter1. GENERAL OVERVIEW1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of ten (10) pieces of DC-DC 12V to 5V Dual USB Output Power Adapter which will be part of prototype devices.1.2. The ABC is inclusive of government taxes and all applicable charges.2. TECHNICAL SPECIFICATIONS2.1. Input Voltage: DC 8V ~ 22V 2.2. Output Voltage: 5V 2.3. Output Current: 3A Max 2.4. Operating Temperature: -40°C ~ +85°C3. WARRANTY AND AFTERSALES SUPPORT 3.1. Any repair or replacement service must be successfully done within thirty (30) calendar days upon receipt of notice from DOST-ASTI. 3.2. The end-user must be able to request technical support by phone, email, or through a website.	10	рс	337.50	3,375.00
8	Adapter1. GENERAL OVERVIEW1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of ten (10) pieces of DC-DC 12V to 5V Dual USB Output Power Adapter which will be part of prototype devices.1.2. The ABC is inclusive of government taxes and all applicable charges.2. TECHNICAL SPECIFICATIONS2.1. Input Voltage: DC 8V ~ 22V 2.2. Output Voltage: 5V 2.3. Output Current: 3A Max 2.4. Operating Temperature: -40°C ~ +85°C3. WARRANTY AND AFTERSALES SUPPORT 3.1. Any repair or replacement service must be successfully done within thirty (30) calendar days upon receipt of notice from DOST-ASTI. 3.2. The end-user must be able to request technical support by phone, email, or through a website.3.3. The DC-DC 12V to 5V Dual USB Output	10	pc	337.50	3,375.00
8	Adapter1. GENERAL OVERVIEW1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of ten (10) pieces of DC-DC 12V to 5V Dual USB Output Power Adapter which will be part of prototype devices.1.2. The ABC is inclusive of government taxes and all applicable charges.2. TECHNICAL SPECIFICATIONS2.1. Input Voltage: DC 8V ~ 22V 2.2. Output Voltage: 5V 2.3. Output Current: 3A Max 2.4. Operating Temperature: -40°C ~ +85°C3. WARRANTY AND AFTERSALES SUPPORT 3.1. Any repair or replacement service must be successfully done within thirty (30) calendar days upon receipt of notice from DOST-ASTI. 3.2. The end-user must be able to request technical support by phone, email, or through a website.	10	pc	337.50	3,375.00

	be part of prototype devices.				Page 7 of 16
	1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of Three (3) Pieces of LoRa Transreceiver which will				
	1. GENERAL OVERVIEW				
10	LoRa Transreceiver	3	рс	7,500.00	22,500.00
	item is completely delivered, inspected, and accepted by the end-user. No payment shall be made for items not delivered under this contract.				
	upon issuance of NTP. 4.2. Full payment will only be processed once the				
	4.1. The goods must be delivered sixty (60) days				
	4. DELIVERY AND PAYMENT TERMS				
	workmanship. Warranty service shall commence from the date of end-user acceptance.				
	which covers defects in materials and				
	3.3. The Low Noise Amplifiers must have at least one (1) year of warranty from the time of delivery				
	technical support by phone, email, or through a website.				
	successfully done within thirty (30) calendar days upon receipt of notice from DOST-ASTI. 3.2. The end-user must be able to request				
	3.1. Any repair or replacement service must be				
	3. WARRANTY AND AFTERSALES SUPPORT				
	2.3. Antenna: Radio 2.4. Wideband (20MHz – 4GHz)				
	2.2. Connectivity Technology: USB, Radio Frequency				
	2. TECHNICAL SPECIFICATIONS 2.1. Power Connector Type: USB				
	all applicable charges.				
	be part of prototype devices. 1.2. The ABC is inclusive of government taxes and				
	1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of Three (3) Units of Low Noise Amplifier which will				
	1. GENERAL OVERVIEW				
9		3	unit	5,000.00	15,000.00
	upon issuance of NTP. 4.2. Full payment will only be processed once the item is completely delivered, inspected, and accepted by the end-user. No payment shall be made for items not delivered under this contract.				
	4.1. The goods must be delivered sixty (60) days				
	4. DELIVERY AND PAYMENT TERMS				
	defects in materials and workmanship. Warranty service shall commence from the date of end-user acceptance.				

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	1.2. The ABC is inclusive of government taxes and				
	all applicable charges.				
	2. TECHNICAL SPECIFICATIONS				
	2.1. MCU: Must be compatible with NRF chips				
	2.2. RAM: 2MB				
	2.3. Frequency: 868MHz				
	2.4. Bus Interfaces: UART, SPI, TWI, PDM, 12S,				
	QSPI				
	2.5. Wireless Connectivity: Bluetooth 5, Thread,				
	Bluetooth Mesh, ANT, 802.15.4, Zigbee				
	With/Without BME280 temperature pressure				
	sensor				
	2.6. SX1262 LoRa Transceiver: Long Range, Low				
	Power Global frequency coverage 433, 868,				
	915Mhz				
	2.7. Enclosure material: ABS				
	2.8. Battery Capacity: 850mAh				
	3. WARRANTY AND AFTERSALES SUPPORT				
	3. WANKANI I AND AF IERGALEG SUPPORT				
	3.1. Any repair or replacement service must be				
	successfully done within thirty (30) calendar days				
	upon receipt of notice from DOST-ASTI.				
	3.2. The end-user must be able to request				
	technical support by phone, email, or through a				
	website.				
	3.3. The LoRa Transreceivers must have at least				
	one (1) year of warranty from the time of delivery				
	which covers defects in materials and				
	workmanship. Warranty service shall commence				
	from the date of end-user acceptance.				
	4. DELIVERY AND PAYMENT TERMS				
	4.1. The goods must be delivered sixty (60) days				
	upon issuance of NTP.				
	4.2. Full payment will only be processed once the				
	item is completely delivered, inspected, and				
	accepted by the end-user. No payment shall be				
	made for items not delivered under this contract.				
11	Software Defined Radio	2	nc	25,000.00	50,000.00
	1. GENERAL OVERVIEW	<u> </u>	рс	23,000.00	50,000.00
	1.1. DOST-ASTI is seeking qualified and				
	competent bidders for the Supply and Delivery of				
	Two (2) Pieces of Software Defined Radio which				
	will be part of prototype devices.				
	1.2. The ABC is inclusive of government taxes and				
	all applicable charges.				
	2. TECHNICAL SPECIFICATIONS				
	2.1. Frequency range: 1kHz to 2GHz				
	2.2. Can monitor up to 10MHz				
	2.3. Multiplatform driver and API support including				
	Windows, Linux, Mac, Android and Raspberry Pi				
	4/5				
					Daga 9 of 16

	3. WARRANTY AND AFTERSALES SUPPORT				
	3.1. Any repair or replacement service must be				
	successfully done within thirty (30) calendar days				
	upon receipt of notice from DOST-ASTI.				
	3.2. The end-user must be able to request				
	technical support by phone, email, or through a				
	website.				
	3.3. The Software Defined Radio must have at				
	least one (1) year of warranty from the time of				
	delivery which covers defects in materials and				
	workmanship. Warranty service shall commence				
	from the date of end-user acceptance.				
	4. DELIVERY AND PAYMENT TERMS				
	4.1. The goods must be delivered sixty (60) days upon issuance of NTP.				
	4.2. Full payment will only be processed once the				
	item is completely delivered, inspected, and				
	accepted by the end-user. No payment shall be				
	made for items not delivered under this contract.				
12	Software Defined Radio	2	рс	17,500.00	35,000.00
	1. GENERAL OVERVIEW				
	1.1. DOST-ASTI is seeking qualified and				
	competent bidders for the Supply and Delivery of				
	Two (2) Pieces of Software Defined Radio which				
	will be part of prototype devices.				
	1.2. The ABC is inclusive of government taxes and				
	all applicable charges.				
	2. TECHNICAL SPECIFICATIONS				
	2. TECHNICAL SPECIFICATIONS				
	2.1. CPU Speed: 1.5 GHz				
	2.2. Connectivity Technology: USB, GPIO				
	2.3. Operating System: Linux-based OS				
	2.4. Wireless Compatibility: Radio Frequency				
	2.5. Compatible Devices: Raspberry Pi 4/4B				
	3. WARRANTY AND AFTERSALES SUPPORT				
	3.1. Any repair or replacement service must be				
	successfully done within thirty (30) calendar days				
	upon receipt of notice from DOST-ASTI.				
	3.2. The end-user must be able to request				
	technical support by phone, email, or through a				
	website.				
	3.3. The Software Defined Radio must have at				
	least one (1) year of warranty from the time of				
	delivery which covers defects in materials and				
	workmanship. Warranty service shall commence				
	from the date of end-user acceptance.				
	4. DELIVERY AND PAYMENT TERMS				
	4.1. The goods must be delivered sixty (60) days				
1	upon issuance of NTP.				

			<u>г                                     </u>		
	4.2. Full payment will only be processed once the				
	item is completely delivered, inspected, and				
	accepted by the end-user. No payment shall be				
	made for items not delivered under this contract.				
13	SDR HAT	2	рс	16,500.00	33,000.00
	1. GENERAL OVERVIEW				
	1.1. DOST-ASTI is seeking qualified and				
	competent bidders for the Supply and Delivery of				
	Two (2) Pieces of SDR HAT which will be part of				
	prototype devices.				
	1.2. The ABC is inclusive of government taxes and				
	all applicable charges.				
	2. TECHNICAL SPECIFICATIONS				
	2. TECHNICAE SI ECH ICATIONS				
	2.1. Two Tx/Rx SDR Channels				
	2.1.1. Channel 1: 30 MHz to 6 GHz				
	2.1.2. Channel 2: Sub-1-GHz				
	2.2. Maximum Sampling Rate: 4 MSPS				
	2.3. ADC/DAC Resolution: 13-bit				
	2.4. Bus/Interface: Form Factor must be				
	compatible with 40-pins of Raspberry Pi				
	3. WARRANTY AND AFTERSALES SUPPORT				
	3.1. Any repair or replacement service must be				
	successfully done within thirty (30) calendar days				
	upon receipt of notice from DOST-ASTI.				
	3.2. The end-user must be able to request				
	technical support by phone, email, or through a				
	website.				
	3.3. The SDR HAT must have at least one (1) year				
	of warranty from the time of delivery which covers				
	defects in materials and workmanship. Warranty				
	service shall commence from the date of end-user				
	acceptance.				
	4. DELIVERY AND PAYMENT TERMS				
	4.1. The goods must be delivered sixty (60) days				
	upon issuance of NTP.				
	4.2. Full payment will only be processed once the				
	item is completely delivered, inspected, and				
	accepted by the end-user. No payment shall be				
	made for items not delivered under this contract.				
14	HDMI Male to HDMI Male (2.0m)	5	pc	655.00	3,275.00
1-4	1. GENERAL OVERVIEW	5	pe	000.00	0,210.00
	1.1. DOST-ASTI is seeking qualified and				
	competent bidders for the Supply and Delivery of				
	five (5) pieces of HDMI Male to HDMI Male (2.0m)				
	which will be used by COMPASS Project.				
	1.2. The Approved Budget for the Contract (ABC)				
	is inclusive of government taxes and all applicable				
	charges.				
1	2. TECHNICAL SPECIFICATIONS				

	2.1. Connector: HDMI Standard				
	2.2. Version: HDMI 2.1				
	2.3. Length: 2 meters				
	2.4. Resolution: 8K @ 60Hz				
	2.5. Conductor: Pure Copper				
	3. WARRANTY AND AFTERSALES SUPPORT				
	3.1. Any repair or replacement service must be				
	successfully done within thirty (30) calendar days				
	successfully done within thirty (50) calendar days				
	upon receipt of notice from DOST-ASTI.				
	3.2. The end-user must be able to request				
	technical support by phone, email, or through a				
	website.				
	3.3. The HDMI Male to HDMI Male (2.0m) must				
	have at least one (1) year of warranty from the				
	time of delivery which covers defects in materials				
	and workmanship. Warranty service shall				
	commence from the date of end-user acceptance.				
	4. DELIVERY AND PAYMENT TERMS				
	1.1. The good must be delivered size (00) down				
	4.1. The goods must be delivered sixty (60) days				
	upon issuance of Notice to Proceed (NTP).				
	4.2. Full payment will only be processed once the				
	item is completely delivered, inspected, and				
	accepted by the end-user. No payment shall be				
	made for items not delivered under this contract.				
4 -					
15	HDMI Switch	5	pc	675.00	3.375.00
15		5	рс	675.00	3,375.00
15	1. GENERAL OVERVIEW	5	рс	675.00	3,375.00
15	1. GENERAL OVERVIEW	5	рс	675.00	3,375.00
15	1. GENERAL OVERVIEW	5	рс	675.00	3,375.00
15	1. GENERAL OVERVIEW 1.1. DOST-ASTI is seeking qualified and	5	рс	675.00	3,375.00
15	<ol> <li>GENERAL OVERVIEW</li> <li>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of</li> </ol>	5	рс	675.00	3,375.00
15	<ol> <li>GENERAL OVERVIEW</li> <li>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of five (5) pieces of HDMI Switch which will be used</li> </ol>	5	рс	675.00	3,375.00
15	<ol> <li>GENERAL OVERVIEW</li> <li>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of five (5) pieces of HDMI Switch which will be used by COMPASS Project.</li> </ol>	5	рс	675.00	3,375.00
15	<ol> <li>GENERAL OVERVIEW</li> <li>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of five (5) pieces of HDMI Switch which will be used by COMPASS Project.</li> </ol>	5	рс	675.00	3,375.00
15	<ol> <li>GENERAL OVERVIEW</li> <li>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of five (5) pieces of HDMI Switch which will be used by COMPASS Project.</li> <li>1.2. The Approved Budget for the Contract (ABC)</li> </ol>	5	рс	675.00	3,375.00
15	<ol> <li>GENERAL OVERVIEW</li> <li>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of five (5) pieces of HDMI Switch which will be used by COMPASS Project.</li> <li>1.2. The Approved Budget for the Contract (ABC) is inclusive of government taxes and all applicable</li> </ol>	5	рс	675.00	3,375.00
15	<ol> <li>GENERAL OVERVIEW</li> <li>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of five (5) pieces of HDMI Switch which will be used by COMPASS Project.</li> <li>1.2. The Approved Budget for the Contract (ABC)</li> </ol>	5	рс	675.00	3,375.00
15	<ol> <li>GENERAL OVERVIEW</li> <li>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of five (5) pieces of HDMI Switch which will be used by COMPASS Project.</li> <li>1.2. The Approved Budget for the Contract (ABC) is inclusive of government taxes and all applicable charges.</li> </ol>	5	рс	675.00	3,375.00
15	<ol> <li>GENERAL OVERVIEW</li> <li>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of five (5) pieces of HDMI Switch which will be used by COMPASS Project.</li> <li>1.2. The Approved Budget for the Contract (ABC) is inclusive of government taxes and all applicable</li> </ol>	5	рс	675.00	3,375.00
15	<ol> <li>GENERAL OVERVIEW</li> <li>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of five (5) pieces of HDMI Switch which will be used by COMPASS Project.</li> <li>1.2. The Approved Budget for the Contract (ABC) is inclusive of government taxes and all applicable charges.</li> <li>TECHNICAL SPECIFICATIONS</li> </ol>	5	рс	675.00	3,375.00
15	<ol> <li>GENERAL OVERVIEW</li> <li>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of five (5) pieces of HDMI Switch which will be used by COMPASS Project.</li> <li>1.2. The Approved Budget for the Contract (ABC) is inclusive of government taxes and all applicable charges.</li> <li>TECHNICAL SPECIFICATIONS</li> <li>2.1. Resolution: 4K @ 30Hz</li> </ol>	5	рс	675.00	3,375.00
15	<ol> <li>GENERAL OVERVIEW</li> <li>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of five (5) pieces of HDMI Switch which will be used by COMPASS Project.</li> <li>1.2. The Approved Budget for the Contract (ABC) is inclusive of government taxes and all applicable charges.</li> <li>TECHNICAL SPECIFICATIONS</li> <li>2.1. Resolution: 4K @ 30Hz</li> <li>2.2. Material: PC + ABS</li> </ol>	5	рс	675.00	3,375.00
15	<ol> <li>GENERAL OVERVIEW</li> <li>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of five (5) pieces of HDMI Switch which will be used by COMPASS Project.</li> <li>1.2. The Approved Budget for the Contract (ABC) is inclusive of government taxes and all applicable charges.</li> <li>TECHNICAL SPECIFICATIONS</li> <li>1.1. Resolution: 4K @ 30Hz</li> <li>2.2. Material: PC + ABS</li> <li>2.3. HDMI Version: 1.4b</li> </ol>	5	рс	675.00	3,375.00
15	<ol> <li>GENERAL OVERVIEW</li> <li>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of five (5) pieces of HDMI Switch which will be used by COMPASS Project.</li> <li>1.2. The Approved Budget for the Contract (ABC) is inclusive of government taxes and all applicable charges.</li> <li>TECHNICAL SPECIFICATIONS</li> <li>2.1. Resolution: 4K @ 30Hz</li> <li>2.2. Material: PC + ABS</li> </ol>	5	pc	675.00	3,375.00
15	<ol> <li>GENERAL OVERVIEW</li> <li>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of five (5) pieces of HDMI Switch which will be used by COMPASS Project.</li> <li>1.2. The Approved Budget for the Contract (ABC) is inclusive of government taxes and all applicable charges.</li> <li>TECHNICAL SPECIFICATIONS</li> <li>1.1. Resolution: 4K @ 30Hz</li> <li>2.2. Material: PC + ABS</li> <li>2.3. HDMI Version: 1.4b</li> </ol>	5	pc	675.00	3,375.00
15	<ol> <li>GENERAL OVERVIEW</li> <li>I. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of five (5) pieces of HDMI Switch which will be used by COMPASS Project.</li> <li>The Approved Budget for the Contract (ABC) is inclusive of government taxes and all applicable charges.</li> <li>TECHNICAL SPECIFICATIONS</li> <li>Resolution: 4K @ 30Hz</li> <li>Material: PC + ABS</li> <li>HDMI Version: 1.4b</li> <li>Modes: 2 in 1 out / 1 in 2 out</li> </ol>	5	pc	675.00	3,375.00
15	<ol> <li>GENERAL OVERVIEW</li> <li>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of five (5) pieces of HDMI Switch which will be used by COMPASS Project.</li> <li>1.2. The Approved Budget for the Contract (ABC) is inclusive of government taxes and all applicable charges.</li> <li>TECHNICAL SPECIFICATIONS</li> <li>1.1. Resolution: 4K @ 30Hz</li> <li>2.2. Material: PC + ABS</li> <li>2.3. HDMI Version: 1.4b</li> </ol>	5	pc	675.00	3,375.00
15	<ol> <li>GENERAL OVERVIEW</li> <li>I. GENERAL OVERVIEW</li> <li>I.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of five (5) pieces of HDMI Switch which will be used by COMPASS Project.</li> <li>I.2. The Approved Budget for the Contract (ABC) is inclusive of government taxes and all applicable charges.</li> <li>TECHNICAL SPECIFICATIONS</li> <li>I. Resolution: 4K @ 30Hz</li> <li>Material: PC + ABS</li> <li>HDMI Version: 1.4b</li> <li>Modes: 2 in 1 out / 1 in 2 out</li> <li>WARRANTY AND AFTERSALES SUPPORT</li> </ol>	5	pc	675.00	3,375.00
15	<ol> <li>GENERAL OVERVIEW</li> <li>I. GENERAL OVERVIEW</li> <li>I.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of five (5) pieces of HDMI Switch which will be used by COMPASS Project.</li> <li>I.2. The Approved Budget for the Contract (ABC) is inclusive of government taxes and all applicable charges.</li> <li>TECHNICAL SPECIFICATIONS</li> <li>I. Resolution: 4K @ 30Hz</li> <li>Material: PC + ABS</li> <li>HDMI Version: 1.4b</li> <li>Modes: 2 in 1 out / 1 in 2 out</li> <li>WARRANTY AND AFTERSALES SUPPORT</li> <li>Any repair or replacement service must be</li> </ol>	5	pc	675.00	3,375.00
15	<ol> <li>GENERAL OVERVIEW</li> <li>I. GENERAL OVERVIEW</li> <li>I.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of five (5) pieces of HDMI Switch which will be used by COMPASS Project.</li> <li>I.2. The Approved Budget for the Contract (ABC) is inclusive of government taxes and all applicable charges.</li> <li>TECHNICAL SPECIFICATIONS</li> <li>I. Resolution: 4K @ 30Hz</li> <li>Material: PC + ABS</li> <li>HDMI Version: 1.4b</li> <li>Modes: 2 in 1 out / 1 in 2 out</li> <li>WARRANTY AND AFTERSALES SUPPORT</li> </ol>	5	pc	675.00	3,375.00
	<ol> <li>GENERAL OVERVIEW</li> <li>I. GENERAL OVERVIEW</li> <li>I.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of five (5) pieces of HDMI Switch which will be used by COMPASS Project.</li> <li>I.2. The Approved Budget for the Contract (ABC) is inclusive of government taxes and all applicable charges.</li> <li>TECHNICAL SPECIFICATIONS</li> <li>I. Resolution: 4K @ 30Hz</li> <li>Material: PC + ABS</li> <li>HDMI Version: 1.4b</li> <li>Modes: 2 in 1 out / 1 in 2 out</li> <li>WARRANTY AND AFTERSALES SUPPORT</li> <li>Any repair or replacement service must be successfully done within thirty (30) calendar days</li> </ol>	5	pc	675.00	3,375.00
	<ol> <li>GENERAL OVERVIEW</li> <li>I.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of five (5) pieces of HDMI Switch which will be used by COMPASS Project.</li> <li>I.2. The Approved Budget for the Contract (ABC) is inclusive of government taxes and all applicable charges.</li> <li>TECHNICAL SPECIFICATIONS</li> <li>I. Resolution: 4K @ 30Hz</li> <li>Material: PC + ABS</li> <li>HDMI Version: 1.4b</li> <li>Modes: 2 in 1 out / 1 in 2 out</li> <li>WARRANTY AND AFTERSALES SUPPORT</li> <li>I. Any repair or replacement service must be successfully done within thirty (30) calendar days upon receipt of notice from DOST-ASTI.</li> </ol>	5	pc	675.00	3,375.00
	<ol> <li>GENERAL OVERVIEW</li> <li>GENERAL OVERVIEW</li> <li>DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of five (5) pieces of HDMI Switch which will be used by COMPASS Project.</li> <li>The Approved Budget for the Contract (ABC) is inclusive of government taxes and all applicable charges.</li> <li>TECHNICAL SPECIFICATIONS</li> <li>Resolution: 4K @ 30Hz</li> <li>Material: PC + ABS</li> <li>HDMI Version: 1.4b</li> <li>Modes: 2 in 1 out / 1 in 2 out</li> <li>WARRANTY AND AFTERSALES SUPPORT</li> <li>Any repair or replacement service must be successfully done within thirty (30) calendar days upon receipt of notice from DOST-ASTI.</li> <li>The end-user must be able to request</li> </ol>	5	pc	675.00	3,375.00
	<ol> <li>GENERAL OVERVIEW</li> <li>GENERAL OVERVIEW</li> <li>DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of five (5) pieces of HDMI Switch which will be used by COMPASS Project.</li> <li>The Approved Budget for the Contract (ABC) is inclusive of government taxes and all applicable charges.</li> <li>TECHNICAL SPECIFICATIONS</li> <li>Resolution: 4K @ 30Hz</li> <li>Material: PC + ABS</li> <li>HDMI Version: 1.4b</li> <li>Modes: 2 in 1 out / 1 in 2 out</li> <li>WARRANTY AND AFTERSALES SUPPORT</li> <li>Any repair or replacement service must be successfully done within thirty (30) calendar days upon receipt of notice from DOST-ASTI.</li> <li>The end-user must be able to request technical support by phone, email, or through a</li> </ol>	5	pc	675.00	3,375.00
	<ol> <li>GENERAL OVERVIEW</li> <li>GENERAL OVERVIEW</li> <li>DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of five (5) pieces of HDMI Switch which will be used by COMPASS Project.</li> <li>The Approved Budget for the Contract (ABC) is inclusive of government taxes and all applicable charges.</li> <li>TECHNICAL SPECIFICATIONS</li> <li>Resolution: 4K @ 30Hz</li> <li>Material: PC + ABS</li> <li>HDMI Version: 1.4b</li> <li>Modes: 2 in 1 out / 1 in 2 out</li> <li>WARRANTY AND AFTERSALES SUPPORT</li> <li>Any repair or replacement service must be successfully done within thirty (30) calendar days upon receipt of notice from DOST-ASTI.</li> <li>The end-user must be able to request</li> </ol>	5	pc	675.00	3,375.00
	<ol> <li>GENERAL OVERVIEW</li> <li>I.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of five (5) pieces of HDMI Switch which will be used by COMPASS Project.</li> <li>The Approved Budget for the Contract (ABC) is inclusive of government taxes and all applicable charges.</li> <li>TECHNICAL SPECIFICATIONS</li> <li>I. Resolution: 4K @ 30Hz</li> <li>Material: PC + ABS</li> <li>HDMI Version: 1.4b</li> <li>Modes: 2 in 1 out / 1 in 2 out</li> <li>WARRANTY AND AFTERSALES SUPPORT</li> <li>Any repair or replacement service must be successfully done within thirty (30) calendar days upon receipt of notice from DOST-ASTI.</li> <li>The end-user must be able to request technical support by phone, email, or through a website.</li> </ol>	5	pc	675.00	3,375.00
	<ol> <li>GENERAL OVERVIEW</li> <li>I.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of five (5) pieces of HDMI Switch which will be used by COMPASS Project.</li> <li>The Approved Budget for the Contract (ABC) is inclusive of government taxes and all applicable charges.</li> <li>TECHNICAL SPECIFICATIONS</li> <li>I. Resolution: 4K @ 30Hz</li> <li>Material: PC + ABS</li> <li>HDMI Version: 1.4b</li> <li>Modes: 2 in 1 out / 1 in 2 out</li> <li>WARRANTY AND AFTERSALES SUPPORT</li> <li>Any repair or replacement service must be successfully done within thirty (30) calendar days upon receipt of notice from DOST-ASTI.</li> <li>The end-user must be able to request technical support by phone, email, or through a website.</li> <li>The HDMI Switch must have at least one (1)</li> </ol>	5	pc	675.00	3,375.00
	<ol> <li>GENERAL OVERVIEW</li> <li>I. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of five (5) pieces of HDMI Switch which will be used by COMPASS Project.</li> <li>The Approved Budget for the Contract (ABC) is inclusive of government taxes and all applicable charges.</li> <li>TECHNICAL SPECIFICATIONS</li> <li>I. Resolution: 4K @ 30Hz</li> <li>Material: PC + ABS</li> <li>HDMI Version: 1.4b</li> <li>Modes: 2 in 1 out / 1 in 2 out</li> <li>WARRANTY AND AFTERSALES SUPPORT</li> <li>Any repair or replacement service must be successfully done within thirty (30) calendar days upon receipt of notice from DOST-ASTI.</li> <li>The end-user must be able to request technical support by phone, email, or through a website.</li> <li>The HDMI Switch must have at least one (1) year of warranty from the time of delivery which</li> </ol>	5	pc	675.00	3,375.00
	<ol> <li>GENERAL OVERVIEW</li> <li>GENERAL OVERVIEW</li> <li>DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of five (5) pieces of HDMI Switch which will be used by COMPASS Project.</li> <li>The Approved Budget for the Contract (ABC) is inclusive of government taxes and all applicable charges.</li> <li>TECHNICAL SPECIFICATIONS</li> <li>Resolution: 4K @ 30Hz</li> <li>Material: PC + ABS</li> <li>HDMI Version: 1.4b</li> <li>Modes: 2 in 1 out / 1 in 2 out</li> <li>WARRANTY AND AFTERSALES SUPPORT</li> <li>Any repair or replacement service must be successfully done within thirty (30) calendar days upon receipt of notice from DOST-ASTI.</li> <li>The end-user must be able to request technical support by phone, email, or through a website.</li> <li>The HDMI Switch must have at least one (1) year of warranty from the time of delivery which covers defects in materials and workmanship.</li> </ol>	5	pc	675.00	3,375.00
	<ol> <li>GENERAL OVERVIEW</li> <li>I. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of five (5) pieces of HDMI Switch which will be used by COMPASS Project.</li> <li>The Approved Budget for the Contract (ABC) is inclusive of government taxes and all applicable charges.</li> <li>TECHNICAL SPECIFICATIONS</li> <li>I. Resolution: 4K @ 30Hz</li> <li>Material: PC + ABS</li> <li>HDMI Version: 1.4b</li> <li>Modes: 2 in 1 out / 1 in 2 out</li> <li>WARRANTY AND AFTERSALES SUPPORT</li> <li>Any repair or replacement service must be successfully done within thirty (30) calendar days upon receipt of notice from DOST-ASTI.</li> <li>The end-user must be able to request technical support by phone, email, or through a website.</li> <li>The HDMI Switch must have at least one (1) year of warranty from the time of delivery which</li> </ol>	5	pc	675.00	3,375.00
	<ol> <li>GENERAL OVERVIEW</li> <li>GENERAL OVERVIEW</li> <li>DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of five (5) pieces of HDMI Switch which will be used by COMPASS Project.</li> <li>The Approved Budget for the Contract (ABC) is inclusive of government taxes and all applicable charges.</li> <li>TECHNICAL SPECIFICATIONS</li> <li>Resolution: 4K @ 30Hz</li> <li>Material: PC + ABS</li> <li>HDMI Version: 1.4b</li> <li>Modes: 2 in 1 out / 1 in 2 out</li> <li>WARRANTY AND AFTERSALES SUPPORT</li> <li>Any repair or replacement service must be successfully done within thirty (30) calendar days upon receipt of notice from DOST-ASTI.</li> <li>The end-user must be able to request technical support by phone, email, or through a website.</li> <li>The HDMI Switch must have at least one (1) year of warranty from the time of delivery which covers defects in materials and workmanship.</li> </ol>	5	pc	675.00	3,375.00
	<ol> <li>GENERAL OVERVIEW</li> <li>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of five (5) pieces of HDMI Switch which will be used by COMPASS Project.</li> <li>1.2. The Approved Budget for the Contract (ABC) is inclusive of government taxes and all applicable charges.</li> <li>TECHNICAL SPECIFICATIONS</li> <li>1. Resolution: 4K @ 30Hz</li> <li>2. Material: PC + ABS</li> <li>3. HDMI Version: 1.4b</li> <li>4. Modes: 2 in 1 out / 1 in 2 out</li> <li>WARRANTY AND AFTERSALES SUPPORT</li> <li>3.1. Any repair or replacement service must be successfully done within thirty (30) calendar days upon receipt of notice from DOST-ASTI.</li> <li>3.2. The end-user must be able to request technical support by phone, email, or through a website.</li> <li>3.3. The HDMI Switch must have at least one (1) year of warranty from the time of delivery which covers defects in materials and workmanship.</li> <li>Warranty service shall commence from the date of</li> </ol>	5	pc	675.00	3,375.00

	4. DELIVERY AND PAYMENT TERMS				
	<ul> <li>4.1. The goods must be delivered sixty (60) days upon issuance of Notice to Proceed (NTP).</li> <li>4.2. Full payment will only be processed once the item is completely delivered, inspected, and accepted by the end-user. No payment shall be made for items not delivered under this contract.</li> </ul>				
40		40		700.00	7 000 00
16	USB 4-Port Adapter 1. GENERAL OVERVIEW	10	рс	700.00	7,000.00
	<ol> <li>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of ten (10) pieces of USB 4-Port Adapter which will be used by COMPASS Project.</li> <li>1.2. The Approved Budget for the Contract (ABC) is inclusive of government taxes and all applicable charges.</li> <li>2. TECHNICAL SPECIFICATIONS</li> <li>2.1. Transfer speed: Up to 5Gbps</li> <li>2.2. Compatible with USB 3.0</li> <li>WARRANTY AND AFTERSALES SUPPORT</li> <li>3.1. Any repair or replacement service must be successfully done within thirty (30) calendar days upon receipt of notice from DOST-ASTI.</li> <li>3. The end-user must be able to request technical support by phone, email, or through a website.</li> <li>3. The USB 4-Port Adapter must have at least one (1) year of warranty from the time of delivery which covers defects in materials and workmanship. Warranty service shall commence from the date of end-user acceptance.</li> <li>DELIVERY AND PAYMENT TERMS</li> <li>1. The goods must be delivered sixty (60) days upon issuance of Notice to Proceed (NTP).</li> <li>2. Full payment will only be processed once the item is completely delivered, inspected, and accepted by the end-user. No payment shall be made for items not delivered under this contract.</li> </ol>				
17	USB Wireless Adapter	10	рс	800.00	8,000.00
	<ol> <li>GENERAL OVERVIEW</li> <li>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of ten (10) pieces of USB Wireless Adapter which will be used by COMPASS Project.</li> <li>1.2. The Approved Budget for the Contract (ABC) is inclusive of government taxes and all applicable charges.</li> <li>TECHNICAL SPECIFICATIONS</li> </ol>				

	<ul> <li>2.1. With Antenna</li> <li>2.2. Wireless Network: Wifi N (802.11 b/g/n/ac)</li> <li>2.3. Modem Connectivity Speed: up to 650Mbps</li> <li>2.4. Interface: USB</li> <li>3. WARRANTY AND AFTERSALES SUPPORT</li> <li>3.1. Any repair or replacement service must be successfully done within thirty (30) calendar days upon receipt of notice from DOST-ASTI.</li> <li>3.2. The end-user must be able to request technical support by phone, email, or through a website.</li> <li>3.3. The USB Wireless Adapter must have at least one (1) year of warranty from the time of delivery which covers defects in materials and workmanship. Warranty service shall commence from the date of end-user acceptance.</li> <li>4. DELIVERY AND PAYMENT TERMS</li> <li>4.1. The goods must be delivered sixty (60) days upon issuance of Notice to Proceed (NTP).</li> <li>4.2. Full payment will only be processed once the item is completely delivered, inspected, and accepted by the end-user. No payment shall be made for items not delivered under this contract.</li> </ul>				
18	Fast Charging Micro USB Cable	20	рс	200.00	4,000.00
	<ol> <li>GENERAL OVERVIEW</li> <li>I.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of twenty (20) pieces of Fast Charging Micro USB Cable which will be used by COMPASS Project.</li> <li>The Approved Budget for the Contract (ABC) is inclusive of government taxes and all applicable charges.</li> <li>TECHNICAL SPECIFICATIONS</li> <li>Length: 0.5 meter</li> <li>Compatibility: Compatible with most devices</li> <li>Nylon braided cable</li> <li>WARRANTY AND AFTERSALES SUPPORT</li> <li>Any repair or replacement service must be successfully done within thirty (30) calendar days upon receipt of notice from DOST-ASTI.</li> <li>The end-user must be able to request technical support byphone, email, or through a website.</li> <li>The Fast Charging Micro USB Cables must have at least one (1) year of warranty from the time of delivery which covers defects in materials and workmanship. Warranty service shall commence from the date of end-user acceptance.</li> </ol>				

4.1. The goods must be delivered sixty (60) days upon issuance of Notice to Proceed (NTP).         4.2. Full payment will only be processed once the item is completely delivered, inspected, and accepted by the end-user. No payment shall be made for items not delivered under this contract. <b>USB to RS485 Converter with Original FT232RL</b> Inside <b>5</b> pc <b>1,550.00 7,750.00 1</b> . GENERAL OVERVIEW <b>1</b> . DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of five (5) pieces of USB to RS485 Converter with Original FT232RL Inside which will be used by COMPASS Project. <b>1</b> . The Mathematical Acceleration (ABC) is inclusive of government taxes and all applicable charges.         2. TECHNICAL SPECIFICATIONS <b>2</b> .1. Host port: USB <b>2</b> .2. Device port: RS485         2.3. USB Operating voltage: SV <b>2</b> .4. USB Connector: USB-A <b>3</b> . WARRANTY AND AFTERSALES SUPPORT <b>3</b> . Any repair or replacement service must be successfully done within thirty (30) calendar days upon receipt of notice from DOST-ASTI. <b>3</b> . The USB to RS485 Converters must have at least one (1) year of warranty from the time of
4.2. Full payment will only be processed once the item is completely delivered, inspected, and accepted by the end-user. No payment shall be made for items not delivered under this contract.         19       USB to RS485 Converter with Original FT232RL Inside       pc       1,550.00       7,750.00         10       I. GENERAL OVERVIEW       5       pc       1,550.00       7,750.00         1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of five (5) pieces of USB to RS485 Converter with Original FT232RL Inside which will be used by COMPASS Project.       1.2. The Approved Budget for the Contract (ABC) is inclusive of government taxes and all applicable charges.         2. TECHNICAL SPECIFICATIONS       2.1. Host port: USB       2.2. Device port: RS485       2.3. USB Operating voltage: 5V         2.4. USB Connector: USB-A       3. WARRANTY AND AFTERSALES SUPPORT       3.1. Any repair or replacement service must be successfully done within thirty (30) calendar days upon receipt of notice from DOST-ASTI.       3.2. The end-user must be able to request technical support by phone, email, or through a website.       3.3. The USB to RS485 Converters must have at
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USB to RS485 Converter with Original FT232RL     5     pc     1,550.00       19     Inside     5     pc     1,550.00       1. GENERAL OVERVIEW     1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of five (5) pieces of USB to RS485 Converter with Original FT232RL Inside which will be used by COMPASS Project.     1.2. The Approved Budget for the Contract (ABC) is inclusive of government taxes and all applicable charges.       2. TECHNICAL SPECIFICATIONS     2.1. Host port: USB       2.2. Device port: RS485     2.3. USB Operating voltage: 5V       2.4. USB Connector: USB-A     3. WARRANTY AND AFTERSALES SUPPORT       3.1. Any repair or replacement service must be successfully done within thirtly (30) calendar days upon receipt of notice from DOST-ASTI.       3.2. The end-user must be able to request technical support by phone, email, or through a website.       3.3. The USB to RS485 Converters must have at
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from the date of end-user acceptance.
4. DELIVERY AND PAYMENT TERMS
4.1. The goods must be delivered sixty (60) days
upon issuance of Notice to Proceed (NTP).
4.2. Full payment will only be processed once the
item is completely delivered, inspected, and
accepted by the end-user. No payment shall be made for items not delivered under this contract.
20 SD Card 20 pc 400.00 8,000.00
1. GENERAL OVERVIEW
1.1. DOST-ASTI is seeking qualified and
competent bidders for the Supply and Delivery
of twenty (20) pieces of SD Cards which will
be used
be used 1.2. The Approved Budget for the Contract (ABC)
be used

	2. TECHNICAL SPECIFICATIONS					
	2.1. Memory Card Type: microSD 2.2. Storage Capacity: 32 GB (120 mb/s)					
	3. WARRANTY AND AFTERSALES SUPPORT					
	<ul> <li>3.1. Any repair or replacement service must be successfully done within thirty (30) calendar days upon receipt of notice from DOST-ASTI.</li> <li>3.2. The end-user must be able to request technical support by phone, email, or through a website.</li> <li>3.3. The SD Cards must have at least one (1) year of warranty from the time of delivery which covers defects in materials and workmanship. Warranty service shall commence from the date of end-user acceptance.</li> </ul>					
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	<ul> <li>4.1. The goods must be delivered sixty (60) days upon issuance of Notice to Proceed (NTP).</li> <li>4.2. Full payment will only be processed once the item is completely delivered, inspected, and accepted by the end-user. No payment shall be made for items not delivered under this contract.</li> </ul>					
	TOTAL APPROVED BUDGET FOR THE	CONTRACT (	ABC):	•	Php386,525.00	
GUIDELINES						
	GUID	ELINES				
A.	Content and Format of Quotations	ELINES				
A.	<b>Content and Format of Quotations</b> 1 . The Quotation/s must include the RFQ Number of		ber indi	cated above		
Α.	Content and Format of Quotations	r the PR Num			ing goods:	
Α.	Content and Format of Quotations 1 . The Quotation/s must include the RFQ Number of 2 . Bidders must specify the BRAND NAMES and MC a. Computer and electronic equipment and its acc	r the PR Num DDEL NAMES ressories or po	S/NUME	BER for the follow	ing goods:	
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Α.	<ul> <li>Content and Format of Quotations <ol> <li>The Quotation/s must include the RFQ Number of</li> <li>Bidders must specify the BRAND NAMES and MG</li> <li>a. Computer and electronic equipment and its acc</li> <li>b. Software applications, programs, and digital lice</li> <li>c. Commercial off-the-shelf electronic devices or of</li> </ol> </li> <li>The Quotation/s must indicate the registered businaddress and contact number. It must also include</li> </ul>	r the PR Num DDEL NAMES essories or pe enses components ness name of the full name	S/NUME eriphera the cor	BER for the follow als npany (or individu	ual), business	
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	<ul> <li>Content and Format of Quotations <ol> <li>The Quotation/s must include the RFQ Number of</li> <li>Bidders must specify the BRAND NAMES and MG</li> <li>Computer and electronic equipment and its acc</li> <li>Software applications, programs, and digital lice</li> <li>Commercial off-the-shelf electronic devices or of</li> </ol> </li> <li>The Quotation/s must indicate the registered busi address and contact number. It must also include representative.</li> <li>BIR Certificate of Registration for new DOST-AST</li> </ul>	r the PR Num DDEL NAMES cessories or po enses components ness name of the full name T suppliers or the Alternat Dic Act (RA) N Section 52.1(	S/NUME eriphera the cor and sig vo. 918- (a), and	BER for the follow als mpany (or individu nature of the con hods of Procuren 4, the following do	ual), business npany's authorized nent of the 2016 ocuments shall be	

1 . Upon submission of quotation

- a. Valid PhilGEPS Registration Number / Organization ID
- b. Valid Mayor's/Business Permit

2

Upon issuance of Notice of Award (NOA)

a. Omnibus Sworn Statement (shall be required only for procurement projects with ABC above P50,000.00) b. Income/Business Tax Return (For ABCs above P500,000.00)

## For Procurement of Infrastructure

- Upon submission of guotation
  - a. Valid PhilGEPS Registration Number / Organization ID
  - b. Valid Mayor's/Business Permit
  - c. Valid PCAB License
- 2
  - Upon issuance of NOA

a. Omnibus Sworn Statement (shall be required only for procurement projects with ABC above P50,000.00) b. Income/Business Tax Return (For ABCs above P500,000.00)

\*Requirements under Section 53.6 (Scientific, Scholarly or Artistic Work, Exclusive Technology and Media Services) of the revised IRR of RA No. 9184 will not apply to artists such as singer, performer, poet, writer, painter and sculptor who are engaged in business.

\*\*Requirements under Section 53.10 (Lease of Real Property or Venue) of the revised IRR of RA No. 9184, specifically Mayor's/Business Permit, PhilGEPS Registration Number and Income/Business Tax Return will not apply to government

#### agencies as lessors

\*\*\*For methods of procurement requiring Mayor's Permit and PhilGEPS Registration Number, valid Certificate of Platinum

Membership may be submitted in lieu of the said documents.

#### C. Terms and Conditions

1. Additional requirements, if necessary, may be requested by the BAC depending on the item to be bid; 2. All transactions are subject to creditable withholding tax and final Value Added Tax or percentage tax per revenue regulation/s of the BIR;

3. Liquidated damages of at least equal to one-tenth of one percent (0.001) of the cost of the unperformed portion for every day of delay shall be imposed by the DOST-ASTI pursuant to Section 68 of the revised IRR of RA No. 9184; and

4. The DOST-ASTI reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and 41 of the 2016 revised IRR of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.