



25 July 2022

ASTI - BIDS AND AWARDS COMMITTEE

SUPPLEMENTAL BULLETIN NO. BAC-2022-07-020

SUPPLY AND DELIVERY OF TWELVE (12) UNITS MOBILE DEVELOPMENT WORKSTATION AND ONE (1) UNIT MOBILE DEVELOPMENT WORKSTATION WITH EXTERNAL GRAPHICS PROCESSING UNIT (SECOND BIDDING)

The ASTI Bids and Awards Committee (BAC) issues this Supplemental/Bid Bulletin to clarify, modify or amend items in the Bidding Documents and to reply to queries raised by the potential bidders through letters/emails for the information of all bidders for the procurement of:

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| Item: | Supply and Delivery of Twelve (12) Units Mobile Development Workstation and One (1) Unit Mobile Development Workstation with External Graphics Processing Unit (Second Bidding) |
| Approved Budget for the Contract: | One Million Nine Hundred Thousand Pesos Only (₱1,900,000.00) |
| Invitation to Bid No.: | 22-07-3936 dated 11 July 2022 |
| Purchase Request No.: | QCS-22-07-14203 dated 04 July 2022 |
| Published Date (PhilGEPS): | 13 July 2022 8828879 |

A. AMENDMENT TO PROCUREMENT DETAILS AND FORMS

| REFERENCE | AMENDMENT/CHANGE/CLARIFICATION | | |
|--|---|---|--------------------------------|
| Page 31-34 Section VII. Technical Specifications | FROM: | | |
| | ITEM NO. | SPECIFICATIONS | STATEMENT OF COMPLIANCE |
| | 1 | Mobile Development workstations | |
| | | 2. TECHNICAL SPECIFICATIONS: | |
| | | 2.1. Operating System: Windows 10 or higher | |
| | | 2.2. Processor: 12th Gen Intel Core i7-12700H Processor 2.3 GHz (24M Cache, up to 4.7 GHz, 14 cores: 6 P-cores and 8 E-cores) equivalent or better. | |
| | | 2.3. Memory: 16GB DDR5 on board, 16GB DDR5-4800 SO-DIMM, equivalent or higher | |
| | | 2.4. Storage: 1TB SSD, equivalent or higher | |
| | | 2.5. Display: 16-inch QHD, equivalent or better. | |
| | | 2.7. I/O Ports: | |
| | | 2.7.1. 1 SuperSpeed USB Type-A 5Gbps signaling rate | |
| | | 2.7.2. 2 SuperSpeed USB Type-A 5Gbps signaling rate | |
| | | 2.7.3. HDMI 2.1 | |
| | | 2.7.4. 2 Thunderbolt 4 with USB4 Type-C 40Gbps signaling rate (USB Power Delivery, DisplayPort 1.4) | |
| | | 2.7.5. 2 SuperSpeed USB Type-C 10Gbps signaling rate | |
| | 2.7.6. 1 RJ-45 | | |
| | 2.12. Power Supply: ø6.0, 240W AC Adapter, Output: 20V DC, 12A, 240W, Input: 100~240C AC 50/60Hz universal, TYPE-C, | | |

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| | 100W AC Adapter, Output: 20V DC, 5A, 100W, Input: 100~240V AC 50/60Hz universal | |
| | 3. ACCESSORIES: | |
| | 3.1. Backpack | |
| | 3.2. Mouse, HDMI cable | |
| 2 | Mobile Development workstations with external Graphics Processing Unit (GPU) | |
| | 1. GENERAL OVERVIEW | |
| | 1.1. The Advanced Science and Technology Institute is seeking qualified and competent bidders for the supply and delivery of one (1) unit Mobile Development workstations with external Graphics Processing Unit (GPU) | |
| | 2.12. Power Supply: ø6.0, 180/240W AC Adapter, Output: 20V DC, 12A, 240W, Input: 100~240C AC 50/60Hz universal, TYPE-C, 100W AC Adapter, Output: 20V DC, 5A, 100W, Input: 100~240V AC 50/60Hz universal | |
| | 3. ACCESSORIES: | |
| | 3.1.Backpack | |
| | 3.2.mouse, HDMI cable | |
| | 3.3.180/240W AC Adapter, Output: 20V DC, 5A, 100W, Input: 100~240V AC 50/60Hz universal | |

TO:

| ITEM NO. | SPECIFICATIONS | STATEMENT OF COMPLIANCE |
|----------|---|-------------------------|
| 1 | Mobile Development workstations | |
| | 2. TECHNICAL SPECIFICATIONS: | |
| | 2.1.Operating System: Windows 10 or higher | |
| | 2.2. Processor: 12th Gen Intel Core i7-12700H Processor 2.3 GHz (24M Cache, up to 4.7 GHz, 14 cores: 6 P-cores and 8 E-cores) equivalent or better. | |
| | 2.3. Memory: Minimum 16GB DDR5 on board, 16GB DDR5 4800 SO-DIMM, equivalent or higher expandable at least up to 32GB through RAM slots | |
| | 2.4. Storage: 1TB SSD, equivalent or higher | |
| | 2.5.Display: 16-inch 15.6-inch QHD, equivalent or better. | |
| | 2.7. I/O Ports: | |
| | 2.7.1. 1 SuperSpeed USB Type-A 5Gbps signaling rate used for charging while unit is in sleep mode (optional only) | |
| | 2.7.2. 2 SuperSpeed USB Type-A 5Gbps signaling rate | |
| | 2.7.3. HDMI 2.4 2.0 minimum (if port is not present in the unit, a separate I/O port must be present in the unit wherein an adapter for HDMI and other ports required but not available in the unit can be plugged into to provide exactly the same functionality.) | |

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| | 2.7.4. 2 at least 1 Thunderbolt 4 with USB4 Type-C 40Gbps signaling rate (USB Power Delivery, DisplayPort 1.4) | |
| | 2.7.5. 2 at least 1 SuperSpeed USB Type-C 10Gbps signaling rate | |
| | 2.7.6. 1 RJ-45 (<i>if port is not present in the unit, separate I/O port must be present in the unit wherein an adapter for RJ-45 and other ports required but not available in the unit can be plugged into to provide exactly the same functionality</i>) | |
| | | |
| | 2.12. Power Supply: ø6.0, 240W AC Adapter, Output: 20V DC, 12A, 240W, Input: 100~240C AC 50/60Hz universal, TYPE-C, 100W AC Adapter, Output: 20V DC, 5A, 100W, Input: 100~240V AC 50/60Hz universal 240W AC Adapter, Output: 20V DC, 12A, 240W, Input: 100~240C AC | |
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| | 3. ACCESSORIES: | |
| | 3.1. Backpack | |
| | 3.2. Mouse, HDMI cable (<i>third party brands for the mouse and HDMI cable shall be accepted</i>) | |
| | | |
| 2 | Mobile Development workstations with external dedicated Graphics Processing Unit (GPU) | |
| | 1. GENERAL OVERVIEW | |
| | 1.1. The Advanced Science and Technology Institute is seeking qualified and competent bidders for the supply and delivery of one (1) unit Mobile Development workstations with external dedicated Graphics Processing Unit (GPU) | |
| | | |
| | 2.12. Power Supply: ø6.0, 180/240W AC Adapter, Output: 20V DC, 12A, 240W, Input: 100~240C AC 50/60Hz universal, TYPE-C, 100W AC Adapter, Output: 20V DC, 5A, 100W, Input: 100~240V AC 50/60Hz universal 180/240W AC Adapter, at least Output: 19.5V DC, 12A, 240W, Input: 100~240C AC 50/60Hz universal, TYPE-C, 100W AC Adapter, Output: 20V DC, 5A, 100W, Input: 100~240V AC 50/60Hz universal | |
| | | |
| | 3. ACCESSORIES: | |
| | 3.1. Backpack | |
| | 3.2. mouse, HDMI cable (<i>third party brands for the mouse and HDMI cable shall be accepted</i>) | |
| | 3.3. 180/240W AC Adapter, Output: 20V DC, 5A, 100W, Input: 100~240V AC 50/60Hz universal 180/240W AC Adapter, Output: at least 19.5V DC, 5A, 100W, Input: 100~240V AC 50/60Hz universal | |

B. RESPONSE TO QUERIES

| QUERY/ISSUE | BAC/END-USER RESPONSE/CLARIFICATION |
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| If the bidder has provided the specifications needed on the ports, can they opt not to provide the adapter if they have fulfilled the missing ports? | If all the required I/O ports are readily available in the unit, then there is no need to provide an adapter for the required I/O ports. |

ADDITIONAL INSTRUCTION/S: Prospective bidder/s are required to **amend** the form to update existing information. **Non-compliance with this requirement shall be ground for disqualification.**

Please be guided accordingly.

Prepared by:

KATHERINE B. RAMOS
Head, BAC Secretariat

Approved by:

BAYANI BENJAMIN R. LARA
Chairperson, BAC