



ASTI-FM 03-10
REV 0/2 APR 2018

**DOST-ASTI Bids and Awards Committee
REQUEST FOR QUOTATION**

Kind of Procurement Activity:	Negotiated Procurement: Small-value Procurement		
Deadline of Submission of Bids:	Nov-14-2018, 2:00 PM		
RFQ No.:	18-08-2084	Date:	November-07-2018
PR No.:	GAA-18-08-6426	Date:	August-20-2018

The Advanced Science and Technology Institute (ASTI), through its Bids and Awards Committee (BAC), hereby invites all interested suppliers, contractors or distributors, to submit their quotations, together with their eligibility documents for the item(s) listed below. Guidelines regarding the format and eligibility documents needed are listed at the box below the item(s) to be procured.

Quotations may be electronically mailed at bac-sec@asti.dost.gov.ph or it may be submitted via fax or by delivering it to the office on or before the deadline. For inquiries, you may call the number - 426-7423 and look for ASTI's BAC Secretariat

Respectfully,


PEDRITO B. MANGAHAS
Chairperson, BAC-1

NO.	TECHNICAL SPECIFICATIONS	QTY	UNIT	UNIT PRICE(Php)	TOTAL PRICE(Php)
1	Single board computer case _ Easy snap-fit assembly _ Range of case display/access options: fully closed, sides away, birds eye view _ Cut-outs of all connection points _ MicroSD card cut-out _ Stick on rubber feet for case stability	22	unit	400.00	8,800.00
2	Heatsink for the single board computer _ Set of 2 heat sinks _ Self-adhesive thermal layer for easy application _ Thermal resistance: 27C/W _ Copper heat sink: 13mm x 12mm x 5mm _ Aluminum heat sink: 8.5mm x 8.5mm x 12mm	22	unit	200.00	4,400.00
3	Power Supply for the single board computer _ High-quality power supply _ 1.5m cable length _ Interchangeable heads for different countries _ Short circuit, over current and over voltage protection _ Input voltage: 90-264VAC _ Input frequency: 47-63Hz _ Output: 5.1V, 2.5A _ Interface: microUSB _ Efficiency: at least 80% _ Ripple and noise: 120mVp-p Maximum	22	unit	500.00	11,000.00
4	USB compute stick _ Supports 16/32-bit floating point and 8/16/32-bit integer operations _ 256 KB L2 cache	5	unit	6300.00	31,500.00

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	<ul style="list-style-type: none"> _ 2MB of on-chip-memory _ 400GBps sustained internal memory bandwidth _ 600MHz Myriad-2 SoC with 12 VLIW 128-bit vector SHAVE processors optimized for machine vision _ Supports Tensorflow and Caffe _ Interface: USB 3.0 Type-A _ Operating temp: 0-40C _ Dimensions: 72.5mm x 27mm x 14mm 				
5	<p>Single board computer camera module</p> <ul style="list-style-type: none"> _ Weight: 3grams _ Still resolution: 8 megapixels _ Video modes: 1080p30fps, 720p60fps and 640x480p60/90fps _ Linux integration: V4L2 driver available _ C programming API: OpenMAX IL and others available _ Sensor resolution: 3280x2464pixels _ Sensor image are: 3.68mm x 2.76mm _ Pixel size: 1.12x1.12 microns _ Optical size: 1/4 inches _ Focal length: 3.04mm _ Field of view (H/V): 62.2 degrees / 48.8 degrees _ Ribbon cable included 	5	unit	2000.00	10,000.00
6	<p>Single board computer camera lens mount</p> <ul style="list-style-type: none"> _ Compatible with RPi camera module V2 _ Material: acrylic _ Weight: 10 grams _ Allows four different angles of repose _ 1/4 inch hole for tripod mounting 	5	meter	200.00	1,000.00
7	<p>GPIO Serial Expansion Board</p> <ul style="list-style-type: none"> _ Compatible and stackable with Raspberry Pi versions 2/3/B+ _ Expanding to 3 slaves, stackable block design can turn one set of IO interface into three sets _ GPIO interface, low power loss _ Miscellaneous components, all-in-one _ Easy to connect and use _ With mounting kit 	5	unit	600.00	3,000.00
8	<p>Temperature sensor module</p> <ul style="list-style-type: none"> _ One pin for communication _ Temperature measurement range: -55°C to +125°C _ Accuracy: ± 0.5°C from -10 to 85°C _ Thermometer resolution is programmable from 9 to 12 bits _ Converts 12-bit temperature to digital word in 750ms max _ Sensor encapsulation: TO-92 _ Module breakout to 3 pins 	75	unit	184.00	13,800.00
9	<p>Temperature and humidity sensor module</p> <ul style="list-style-type: none"> _ HDC1080 sensor module _ Digital humidity sensor with integrated temperature sensor _ Relative Humidity Accuracy ±2% (typical) _ Temperature Accuracy ±0.2°C (typical) _ Excellent Stability at High Humidity _ 14 Bit Measurement Resolution 	5	unit	400.00	2,000.00

	<ul style="list-style-type: none"> _ 100 nA Sleep Mode Current _ Supply Voltage 2.7V to 5.5V _ Temperature Range (Operating): -20°C to +85°C _ Module breakout to 4 pins 				
10	400 tie point solderless breadboards <ul style="list-style-type: none"> _ Half-size breadboard solderless prototyping board _ Around 80x60x10 mm _ At least 390 connection points 	3	unit	180.00	540.00
11	10cm male to female jumper wires (Dupont-type) <ul style="list-style-type: none"> _ 10cm length _ Pack of 40 pcs 	4	unit	180.00	720.00
12	20cm male to female jumper wires (Dupont-type) <ul style="list-style-type: none"> _ 20cm length _ Pack of 40 pcs 	4	unit	200.00	800.00
13	1P Dupont pin header <ul style="list-style-type: none"> _ Pack of 100 housing _ Dupont female _ 2.54mm pitch _ 1-pin 	10	roll	70.00	700.00
14	3P Dupont pin header <ul style="list-style-type: none"> _ Pack of 100 housing _ Dupont female _ 2.54mm pitch _ 3-pin 	5	unit	176.00	880.00
15	Female pin connector (for Dupont cable) <ul style="list-style-type: none"> _ 10-pins per set _ 2.54 mm _ Female pin connector _ For Dupont wire 	100	unit	15.00	1,500.00
16	Dupont connector kit <ul style="list-style-type: none"> _ 620pcs dupont connector kit _ Compatible Wire Gauge: 18-26AWG _ Pin Spacing :2.54mm _ 200pcs x Female Crimp Pins _ 200pcs x Male Crimp Pins _ Pin housing/heads: 10pcs of 2x6, 10pcs of 2x5, 10pcs of 2x4, 10pcs of 2x3, 10pcs of 2x2, 20pcs of 1x6, 20pcs of 1x5, 20pcs of 1x4, 20pcs of 1x3, 40pcs of 1x2, 50pcs of 1x1 	1	unit	1000.00	1,000.00
17	Wire stripper plier-type <ul style="list-style-type: none"> _ Wire stripper/cutter plier-type _ Cuts 22 to 30 AWG solid wires _ Sheat-type blades for clean cuts _ Narrow nose fits into tight places _ Hardened steel with precision ground stripping holes _ Spring-loaded action for self-opening _ Easy-to-read wire gauge markings on both sides for stripping in either direction _ Black-oxide finish resists corrosion _ Textured handles provide a firm, comfortable grip _ Wire looping and bending holes 	1	unit	3200.00	3,200.00
18	Double sided universal PCB	30	unit	35.00	1,050.00

	<ul style="list-style-type: none"> _ Double-sided universal prototyping board/PCB _ Size: 2 x 8 cm _ Grid size: 2.54 mm _ Board thickness around: 1.6 mm _ Hole diameter: around 1.0 mm _ Material: glass fiber _ All holes plated _ Identical sides 				
19	<p>RJ45 rubber boots (pack of 100)</p> <ul style="list-style-type: none"> _ Protective covers for 8P8C modular plugs _ Flexible PVC attaches easily and stays in place with a snug friction fit _ Jack covers feature a low profile knob for easy removal _ Plug covers protect the delicate locking tab on modular plugs _ Compatible with CAT5e and CAT6 UTP cables _ Grey in color _ Pack of 100 	2	unit	310.00	620.00
20	<p>1 yd x 2cm back to back hook and loop black cable fastener</p> <ul style="list-style-type: none"> _ 1 yd x 2cm back to back hook and loop black cable fastener 	50	unit	150.00	7,500.00
21	<p>Ratchet controlled modular plug crimper</p> <ul style="list-style-type: none"> _ Brand new _ Cut and strip flat cable by one option _ Functions for 8P/RJ-45 and 6P/RJ-12, RJ-11 _ All steel construction for long term durability _ Crimps two sizes of plugs _ Built-in cutter and stripper _ Precision ground _ Compact size, easy to handle _ Ratchet mechanism to keep tool closed when not in use _ 1-year warranty 	2	unit	1700.00	3,400.00
22	<p>Network cable tester</p> <ul style="list-style-type: none"> _ Brand new _ Supports: 10/100/1000 Base-T, 10 Base-2 (Coax), RJ-45 and EIA/TIA-568A/568B _ Compatible with CAT 5,5e, 6, 6a and 6e, and Coax cable _ Accurately test pin configurations for cable lengths up to 300m _ With transmitter unit and receiver unit interfaces _ 2 x test ports for transmitter unit interface _ 1 x test port for receiver unit interface _ Buttons for manual test and auto test _ Power/tone switch _ LED indicators _ 600-800Hz tone frequency _ Identifies proper, severed, short circuit, and cross connected pins _ Test grounding of shielded cables _ Continuous scan and manual scan modes _ With BNC to ethernet converter _ Built-in tone generator for tracing cable _ Power source: 9V dc battery 	1	unit	3700.00	3,700.00

	_1-year warranty				
23	1U 19" rack shelf _1U 19" rack shelf _At least 10" depth _Steel _Ventilated _Open top, can be used to mount more than 1U devices _Supports at least 20lb loading capacity _With mounting kit	1	unit	3000.00	3,000.00
24	Desktop LED monitors, at least 1080p, 24" _LED 24" monitor _Color: black glossy _Resolution: 1920x1080 _Active display size: 521.40mm x 293.28mm _Constant Ratio Static: 3000:1 (Typ.) _Color gamut (NTSC 1976): 72% _Aspect ratio: 16:9 _Panel type: VA _Tilt: -2 +/-2 ~ 22 +/-2 _Wall mount: 75mmx75mm _Ports supported: HDMI, VGA, headphone jack _Maximum power consumption: 25W _Power Consumption (Off): Less than 0.3 W _Dimension without Stand (WxHxD): 618.0mm x 166.0mm x 394.0 mm _Set Weight without Stand: 2.8kg _Power supply: 100-240V _Power cable: 1.5m _HDMI cable included _3 year warranty	4	unit	13500.00	54,000.00
25	HDMI cable _HDMI male to male cable (to be tested before acceptance) _4K HDMI 2.0 Ready _Supports: UHD 4k @ 2160p and 2K HD @ 1080p _Ethernet and audio return channel _High Speed - Category 2 - HDMI Cable (Compatible with HDMI ports v2.0, v1.4 & v1.3) _Length: 15 Feet (4.6 Meters) _Braided _Gold plated connectors	2	unit	1600.00	3,200.00
26	9V battery charger _Brand new _2-bay _9V smart battery charger _Can be used for NiMH rechargeable batteries _220V AC, 60Hz input _LED indicator for charging status _Built-in circuit protection	2	unit	800.00	1,600.00
27	D batteries (single-use) _Alkaline _With at least 10 year shelf life at room temperature _At least 10000 mAh capacity	8	unit	250.00	2,000.00
28	Extension cord	5	unit	2000.00	10,000.00

	_ Brand new _ 5-gang universal outlets _ 2 USB charging ports _ With individual switch per outlet with light indicator _ 6ft or 2m extension cord _ Overloading/surge protection _ Max power 2500W _ Max current 10A _ 1-year warranty				
29	5V 2A USB wall charger _ USB charger _ USB Type-A port _ US or EU Plug _ Input: 100-240V 50/60Hz Max 0.6A AC _ Output: 5.0V@2.0A DC _ Certification:UL,CE,FCC,CCC _ Use scope: less than 5V and 2A	4	unit	850.00	3,400.00
30	micro USB cable _ Micro USB male to typeA USB male _ 6ft cable _ Nylon braided _ Gold-plated connectors _ Up to 480Mbps support _ 28/21 AWG _ Can be bent over 4000 times with no damage _ 18-month warranty	4	unit	850.00	3,400.00

TOTAL APPROVED BUDGET FOR THE CONTRACT:

Php 191,710.00

GUIDELINES

A. Submission of Quotations

1. The quotation should include the RFQ or the P.R. Number found above.
2. Pictures or brand/model names or numbers, if applicable, should be specified in the quotation.
3. The quotations shall include the signature of the company's representatives.

B. Eligibility Requirements

As per GPPB No. 21-2017 amending the Annex H of the 2016 R-IRR of RA 9184, the following shall be submitted:

For procurement of goods:

1. PhilGEPS Certificate of Plantinum Membership
Note: If unavailable, submit the following:
 - a. PhilGEPS Registration Number
 - b. Mayor's Permit or BIR Certificate of Registration
2. Income/Business Tax Return
Note: Applicable only for ABCs above Php500,000.00
3. Omnibus Sworn Statement
Note: Applicable only for ABCs above Php50,000.00 and must be submitted upon post-qualification

For procurement of infrastructure:

1. The requirements for goods.
2. Valid PCAB License.

For procurement of consulting services:

1. The requirements for goods.
2. Valid PRC License or Curriculum Vitae.

NOTE: For new suppliers, submit a BIR Certificate of Registration for accounting purposes.

C. Terms and Conditions

1. Additional requirements, if necessary, may be requested by the BAC depending on the item to be bid.
2. For all kinds of procurement, the bidder who passed the bid evaluation shall submit a duly notarized omnibus sworn statement, unless otherwise provided.
3. All transactions are subject to creditable withholding tax; and final Value Added Tax (VAT) or percentage tax per revenue regulation/s of the Bureau of Internal Revenue (BIR).
4. A penalty of one-tenth of one percent (0.001) of the total value of the undelivered goods/services shall be charged as liquidated damages for every day of delay of the delivery.
5. The Advanced Science and Technology Institute reserves the right to accept or reject any proposal, to annul the bidding process, and to reject all proposals at any time prior to contract award, without thereby incurring any liability to the affected proponent or proponents.