



16 November 2023

**ASTI – BIDS AND AWARDS COMMITTEE  
BAC Resolution No. 23-11-219**

**RECOMMENDING THE AWARD OF CONTRACT TO VARIOUS SUPPLIERS FOR THE SUPPLY AND DELIVERY OF TWO (2) UNITS RFID POWER SUPPLY MODULE AND OTHER ITEMS**

Purchase Request No.	: <b>GAA-23-10-17878</b>
Date of Purchase Request	: <b>08 October 2023</b>
Request for Quotation No.	: <b>23-10-4589</b>
Solicitation No.	: <b>23-10-4589</b>
PhilGEPS Reference No.	: <b>10250645</b>
Approved Budget for the Contract	: <b>₱917,745.00</b>

**WHEREAS**, the Solutions and Services Engineering Division submitted to the DOST-ASTI Bids and Awards Committee (BAC) **Purchase Request No. GAA-23-10-17835** for the **Supply and Delivery of One (1) Piece Actuator- Smart BLDC Motor and Other Items**, which was included in the **DOST-ASTI Annual Procurement Plan No. 19 & 20 for Fiscal Year 2023**. The procurement opportunity is broken down into the following items:

ITEM NO.	DESCRIPTION	QTY.	UNIT	UNIT PRICE (₱)	TOTAL PRICE (₱)
1	RFID Power Supply Module	2	Unit	9,900.00	19,800.00
2	Power Transformer	2	Unit	2,475.00	4,950.00
3	Capacitor 10uF	8	Piece	21.00	168.00
4	Capacitor 0.1uF	8	Piece	32.00	256.00
5	General Purpose Diode	24	Piece	17.00	408.00
6	RGB LED 5mm	150	Piece	20.00	3,000.00
7	White LED Diffused	150	Piece	120.00	18,000.00
8	MOSFET N-Channel	8	Piece	99.00	792.00
9	Resistor 1k Ohms	16	Piece	9.00	144.00
10	Potentiometer 50k Ohm	8	Piece	125.00	1,000.00
11	Resistor 100 Ohm	430	Piece	10.00	4,300.00
12	Resistor 150 Ohm	150	Piece	10.00	1,500.00
13	555 IC Timer	8	Piece	17.00	136.00
14	Dual Output SMPS 5V, 12V	2	Piece	2,000.00	4,000.00
15	2-Pin Terminal Block	8	Set	70.00	560.00
16	3-Pin Terminal Block	8	Set	100.00	800.00
17	Break Away Male Header Straight 40 Pin	50	Piece	20.00	1,000.00
18	Female Header 40 Pin	30	Piece	20.00	600.00
19	2x40 Pin Female Header	10	Piece	60.00	600.00
20	2 Pin Female Connector	10	Set	70.00	700.00
21	2-Pin Shrouded Male Connector	4	Set	40.00	160.00
22	3-Pin Female Connector	10	Set	80.00	800.00
23	3-Pin Shrouded Male Connector Straight	4	Set	40.00	160.00
24	4-Pin Female Connector	10	Set	80.00	800.00
25	4-Pin Shrouded Male Connector Straight	4	Set	50.00	200.00
26	5-Pin Shrouded Male Connector Straight	4	Set	65.00	260.00
27	6-Pin Female Connector	10	Set	121.00	1,210.00
28	6-Pin Shrouded Male Connector Straight	4	Set	70.00	280.00
29	Tiny ARM Development Board	5	Piece	400.00	2,000.00

30	Seamless Corner Connector for 2020 Aluminum profile	200	Piece	60.00	12,000.00
31	Seamless Corner Connector for 3030 Aluminum profile	200	Piece	60.00	12,000.00
32	End Cap for 2020 Al profile (Black)	200	Piece	10.00	2,000.00
33	End Cap for 3030 Al profile (Black)	100	Piece	20.00	2,000.00
34	3D Printer Pneumatic Fittings Connector	20	Set	152.00	3,040.00
35	Bipolar Transistor NPN 45V	50	Piece	40.00	2,000.00
36	Slotted angle bar 1.5" x 2" x 2'	30	Piece	120.00	3,600.00
37	Slotted angle bar 1.5" x 2" x 5'	30	Piece	300.00	9,000.00
38	Slotted angle bar 1.5" x 2" x 7'	10	Piece	500.00	5,000.00
39	Marine Type Plywood 3/4"	5	Piece	2,000.00	10,000.00
40	ESD Mat	1	Roll	9,460.00	9,460.00
41	Bolt, Nut and Washer	50	Set	200.00	10,000.00
42	3D printing Adhesive	5	Piece	1,500.00	7,500.00
43	PEI Plate	6	Piece	3,442.00	20,652.00
44	Mini Drill Bits and Burrs Set	3	Set	200.00	600.00
45	Mini Cutting Discs, Wheel Saw and Blades Set	3	Set	300.00	900.00
46	Mini Brass Collet	3	Set	110.00	330.00
47	Bench Vise	1	Piece	4,070.00	4,070.00
48	M2 Brass Threaded Insert	300	Piece	4.00	1,200.00
49	M3 Brass Threaded Insert	300	Piece	4.00	1,200.00
50	M4 Brass Threaded Insert	100	Piece	6.00	600.00
51	M5 Brass Threaded Insert	100	Piece	10.00	1,000.00
52	TO-92 NPN Transistor	20	Piece	30.00	600.00
53	TO-92 PNP Transistor	20	Piece	30.00	600.00
54	Optical Sensor	2	Piece	660.00	1,320.00
55	40 position Connector Header	3	Piece	110.00	330.00
56	Handheld Grinder/Sander	1	Set	4,675.00	4,675.00
57	Cordless Angle Grinder	1	Set	6,000.00	6,000.00
58	High Voltage Gloves	2	Pair	4,000.00	8,000.00
59	DC-DC Converter	2	Set	20,000.00	40,000.00
60	Charger Set	1	Set	11,550.00	11,550.00
61	Hammer	3	Piece	770.00	2,310.00
62	Thermal Imaging Camera	1	Set	22,800.00	22,800.00
63	Cordless Ratchet	1	Piece	11,880.00	11,880.00
64	Lithium-Ion Battery Pack	3	Piece	6,000.00	18,000.00
65	Lithium-Ion Battery Pack Charger	2	Piece	3,700.00	7,400.00
66	Insulated Screwdriver Set	2	Set	2,200.00	4,400.00
67	Crimping Tools	2	Piece	4,800.00	9,600.00
68	Insulated Adjustable Wrench	2	Piece	3,500.00	7,000.00
69	Insulated Back Wrench Set	2	Set	4,647.00	9,294.00
70	Insulated Socket Wrench Set	2	Set	49,000.00	98,000.00
71	Insulated Allen Wrench Set	2	Set	6,000.00	12,000.00
72	Locking Pliers	2	Set	3,300.00	6,600.00
73	Hydraulic Floor Jack (Small)	2	Piece	2,000.00	4,000.00
74	Hydraulic Floor Jack (Big)	1	Piece	8,900.00	8,900.00
75	Jack Stands	2	Set	2,500.00	5,000.00
76	Screwdriver Set	2	Set	600.00	1,200.00
77	Rubber Hammer	2	Piece	300.00	600.00
78	Engine Stand	1	Piece	10,400.00	10,400.00
79	Engine Crane	1	Piece	18,600.00	18,600.00
80	Belt Driven Pneumatic Air Compressor	1	Piece	27,000.00	27,000.00
81	Lift Table	1	Piece	37,200.00	37,200.00
82	Mechanical Cross Vise	1	Piece	22,500.00	22,500.00
83	Square Drive Breaking Torque Wrench	1	Piece	19,500.00	19,500.00
84	Pry Bar	1	Set	3,000.00	3,000.00
85	Mechanical Creeper	2	Piece	3,700.00	7,400.00
86	Workbench with Vise	1	Set	19,800.00	19,800.00
87	Cable Stripper	1	Piece	7,500.00	7,500.00
88	Tachometer	1	Set	27,500.00	27,500.00
89	Clamp Meter	1	Set	32,500.00	32,500.00
90	Metal Porting	2	Set	1,150.00	2,300.00

91	Proximity Sensor	1	Piece	13,000.00	13,000.00
92	MicroSD Card	10	Piece	1,000.00	10,000.00
93	SMPS MicroUSB 5V 2.5A	2	Piece	600.00	1,200.00
94	Blow Gun for Air Compressor	4	Piece	300.00	1,200.00
95	High Power AC-DC Converter	1	Piece	8,250.00	8,250.00
96	3D Printer Enclosure (Big)	3	Piece	8,500.00	25,500.00
97	Polishing Tool	1	Set	11,000.00	11,000.00
98	Industrial Tray	21	Piece	2,000.00	42,000.00
99	Filament Dryer	4	Piece	3,300.00	13,200.00
100	PCB Holder	2	Piece	6,000.00	12,000.00
101	Desoldering pump	4	Piece	2,600.00	10,400.00
102	Digital Caliper	2	Piece	23,000.00	46,000.00
<b>TOTAL ABC (P)</b>					<b>917,745.00</b>

**WHEREAS**, with an Approved Budget for the Contract (ABC) amounting to **Nine Hundred Seventeen Thousand Seven Hundred Forty-Five Pesos Only (P917,745.00)**, the mode of procurement is pursuant to Section 53.9 (Small Value Procurement) of the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184;

**WHEREAS**, on **24 October 2023**, the DOST-ASTI BAC, through its Secretariat, published the Request for Quotation (RFQ) and sent RFQs to three (3) suppliers of known qualifications, viz: (1) Jassen Harris Industries Corp.; (2) Ace Electronic Technology, Inc.; and (3) Limitless Multi Trading Company;

**WHEREAS**, before the lapse of the deadline for submission of quotations on **27 October 2023, 2:00 PM**, two (2) bidders submitted their respective quotations, particularly **(1) Jassen Harris Industries Corp.**; and **(2) Ace Electronic Technology, Inc.**;

**WHEREAS**, upon careful review and evaluation of the DOST-ASTI BAC on the legal requirements submitted by **Jassen Harris Industries Corp.** and **Ace Electronic Technology, Inc.** it was evidenced that said prospective bidders complied with the eligibility requirements. Likewise, the DOST-ASTI BAC determined that the financial proposal submitted by **Jassen Harris Industries Corp.** and **Ace Electronic Technology, Inc.** in the amounts of **Four Hundred Forty Thousand Six Hundred Twenty-Two Pesos Only (P440,622.00)** and **Three Hundred Twenty-Three Thousand Seven Hundred Ninety-Four Pesos Only (P323,794.00)** inclusive of all government taxes and fees, are within the ABC and, thus, compliant with the financial requirement;

**WHEREAS**, the evaluation of the compliance with the technical requirements of the procurement project was done by the end-user unit, which found the offers of **Jassen Harris Industries Corp.** and **Ace Electronic Technology, Inc.** compliant with the technical requirements;

**WHEREAS**, **Jassen Harris Industries Corp.** and **Ace Electronic Technology, Inc.** were determined to be the bidders with **Single and Lowest Calculated Responsive Quotations**; and

**WHEREAS**, Section 12 of RA No. 9184 provides that the BAC shall, among other matters, recommend the award of contracts to the Head of the Procuring Entity (HoPE) or his/her duly authorized representative.

**WHEREFORE**, the **DOST-ASTI BAC RESOLVES**, as it is hereby **RESOLVED**, to recommend to the **DOST-ASTI HoPE**, for his approval, the following:

- (1) To award the contract for the SUPPLY AND DELIVERY OF ONE HUNDRED FIFTY (150) PIECES WHITE LED DIFFUSED AND OTHER ITEMS through NEGOTIATED PROCUREMENT UNDER SECTION 53.9 (SMALL VALUE PROCUREMENT), to JASSEN HARRIS INDUSTRIES CORP. with a total bid amount of FOUR HUNDRED FORTY THOUSAND SIX HUNDRED TWENTY-TWO PESOS ONLY (P440,622.00), inclusive of all government taxes and fees (see below details);**

ITEM NO.	DESCRIPTION	QTY.	UNIT	UNIT PRICE (P)	TOTAL PRICE (P)
7	White LED Diffused	150	Piece	90.00	13,500.00
10	Potentiometer 50k Ohm	8	Piece	123.00	984.00
13	555 IC Timer	8	Piece	15.00	120.00

15	2-Pin Terminal Block	8	Set	65.00	520.00
16	3-Pin Terminal Block	8	Set	90.00	720.00
17	Break Away Male Header Straight 40 Pin	50	Piece	17.50	875.00
18	Female Header 40 Pin	30	Piece	17.50	525.00
19	2x40 Pin Female Header	10	Piece	45.00	450.00
20	2 Pin Female Connector	10	Set	65.00	650.00
21	2-Pin Shrouded Male Connector	4	Set	35.00	140.00
22	3-Pin Female Connector	10	Set	75.00	750.00
23	3-Pin Shrouded Male Connector Straight	4	Set	35.00	140.00
24	4-Pin Female Connector	10	Set	70.00	700.00
25	4-Pin Shrouded Male Connector Straight	4	Set	45.00	180.00
26	5-Pin Shrouded Male Connector Straight	4	Set	55.00	220.00
27	6-Pin Female Connector	10	Set	110.00	1,100.00
28	6-Pin Shrouded Male Connector Straight	4	Set	60.00	240.00
29	Tiny ARM Development Board	5	Piece	350.00	1,750.00
30	Seamless Corner Connector for 2020 Aluminum profile	200	Piece	59.00	11,800.00
31	Seamless Corner Connector for 3030 Aluminum profile	200	Piece	59.00	11,800.00
32	End Cap for 2020 Al profile (Black)	200	Piece	9.50	1,900.00
33	End Cap for 3030 Al profile (Black)	100	Piece	19.50	1,950.00
34	3D Printer Pneumatic Fittings Connector	20	Set	130.00	2,600.00
39	Marine Type Plywood 3/4"	5	Piece	1,999.00	9,995.00
40	ESD Mat	1	Roll	9,450.00	9,450.00
43	PEI Plate	6	Piece	2,900.00	17,400.00
47	Bench Vise	1	Piece	3,800.00	3,800.00
48	M2 Brass Threaded Insert	300	Piece	3.75	1,125.00
49	M3 Brass Threaded Insert	300	Piece	3.75	1,125.00
50	M4 Brass Threaded Insert	100	Piece	3.75	375.00
51	M5 Brass Threaded Insert	100	Piece	3.75	375.00
55	40 position Connector Header	3	Piece	109.00	327.00
58	High Voltage Gloves	2	Pair	3,980.00	7,960.00
60	Charger Set	1	Set	10,500.00	10,500.00
61	Hammer	3	Piece	750.00	2,250.00
63	Cordless Ratchet	1	Piece	11,500.00	11,500.00
64	Lithium-Ion Battery Pack	3	Piece	5,950.00	17,850.00
65	Lithium-Ion Battery Pack Charger	2	Piece	3,690.00	7,380.00
69	Insulated Back Wrench Set	2	Set	4,500.00	9,000.00
71	Insulated Allen Wrench Set	2	Set	5,800.00	11,600.00
72	Locking Pliers	2	Set	3,000.00	6,000.00
73	Hydraulic Floor Jack (Small)	2	Piece	1,990.00	3,980.00
82	Mechanical Cross Vise	1	Piece	15,000.00	15,000.00
83	Square Drive Breaking Torque Wrench	1	Piece	18,000.00	18,000.00
84	Pry Bar	1	Set	2,000.00	2,000.00
85	Mechanical Creeper	2	Piece	3,500.00	7,000.00
86	Workbench with Vise	1	Set	19,500.00	19,500.00
87	Cable Stripper	1	Piece	7,490.00	7,490.00
88	Tachometer	1	Set	18,000.00	18,000.00
89	Clamp Meter	1	Set	25,000.00	25,000.00
90	Metal Porting	2	Set	1,100.00	2,200.00
92	MicroSD Card	10	Piece	800.00	8,000.00
93	SMPS MicroUSB 5V 2.5A	2	Piece	580.00	1,160.00
94	Blow Gun for Air Compressor	4	Piece	289.00	1,156.00
96	3D Printer Enclosure (Big)	3	Piece	8,450.00	25,350.00
98	Industrial Tray	21	Piece	1,500.00	31,500.00
99	Filament Dryer	4	Piece	2,700.00	10,800.00
100	PCB Holder	2	Piece	5,880.00	11,760.00
101	Desoldering pump	4	Piece	2,500.00	10,000.00

102	Digital Caliper	2	Piece	20,550.00	41,100.00
<b>TOTAL BID AMOUNT (P)</b>					<b>440,622.00</b>

(2) To award the contract for the **SUPPLY AND DELIVERY OF TWO (2) UNITS RFID POWER SUPPLY MODULE AND OTHER ITEMS** through **NEGOTIATED PROCUREMENT UNDER SECTION 53.9 (SMALL VALUE PROCUREMENT)**, to **ACE ELECTRONIC TECHNOLOGY, INC.** with a total bid amount of **THREE HUNDRED TWENTY-THREE THOUSAND SEVEN HUNDRED NINETY-FOUR PESOS ONLY (P323,794.00)**, inclusive of all government taxes and fees (see below details); and

ITEM NO.	DESCRIPTION	QTY.	UNIT	UNIT PRICE (P)	TOTAL PRICE (P)
1	RFID Power Supply Module	2	Unit	9,500.00	19,000.00
2	Power Transformer	2	Unit	2,250.00	4,500.00
3	Capacitor 10uF	8	Piece	15.00	120.00
4	Capacitor 0.1uF	8	Piece	25.00	200.00
5	General Purpose Diode	24	Piece	2.00	48.00
6	RGB LED 5mm	150	Piece	15.00	2,250.00
8	MOSFET N-Channel	8	Piece	80.00	640.00
9	Resistor 1k Ohms	16	Piece	7.50.00	120.00
11	Resistor 100 Ohm	430	Piece	3.50	1,505.00
12	Resistor 150 Ohm	150	Piece	4.50	675.00
14	Dual Output SMPS 5V, 12V	2	Piece	1,350.00	2,700.00
35	Bipolar Transistor NPN 45V	50	Piece	27.50	1,375.00
36	Slotted angle bar 1.5" x 2" x 2'	30	Piece	110.00	3,300.00
37	Slotted angle bar 1.5" x 2" x 5'	30	Piece	275.00	8,250.00
38	Slotted angle bar 1.5" x 2" x 7'	10	Piece	475.00	4,750.00
41	Bolt, Nut and Washer	50	Set	175.00	8,750.00
42	3D printing Adhesive	5	Piece	1,400.00	7,000.00
44	Mini Drill Bits and Burrs Set	3	Set	190.00	570.00
45	Mini Cutting Discs, Wheel Saw and Blades Set	3	Set	285.00	855.00
46	Mini Brass Collet	3	Set	98.00	294.00
52	TO-92 NPN Transistor	20	Piece	25.00	500.00
53	TO-92 PNP Transistor	20	Piece	25.00	500.00
54	Optical Sensor	2	Piece	650.00	1,300.00
56	Handheld Grinder/Sander	1	Set	4,300.00	4,300.00
57	Cordless Angle Grinder	1	Set	5,900.00	5,900.00
66	Insulated Screwdriver Set	2	Set	1,900.00	3,800.00
67	Crimping Tools	2	Piece	4,500.00	9,000.00
68	Insulated Adjustable Wrench	2	Piece	3,400.00	6,800.00
70	Insulated Socket Wrench Set	2	Set	44,500.00	89,000.00
74	Hydraulic Floor Jack (Big)	1	Piece	8,750.00	8,750.00
75	Jack Stands	2	Set	2,350.00	4,700.00
76	Screwdriver Set	2	Set	585.00	1,170.00
77	Rubber Hammer	2	Piece	285.00	570.00
78	Engine Stand	1	Piece	9,850.00	9,850.00
79	Engine Crane	1	Piece	18,200.00	18,200.00
80	Belt Driven Pneumatic Air Compressor	1	Piece	25,788.00	25,788.00
81	Lift Table	1	Piece	35,888.00	35,888.00
91	Proximity Sensor	1	Piece	12,388.00	12,388.00
95	High Power AC-DC Converter	1	Piece	7,500.00	7,500.00
97	Polishing Tool	1	Set	10,988.00	10,988.00
<b>TOTAL BID AMOUNT (P)</b>					<b>323,794.00</b>

(3) To declare procurement failure for the following items, due to no quotations received (see below details).

ITEM NO.	DESCRIPTION	QTY.	UNIT	UNIT PRICE (P)	TOTAL PRICE (P)
59	DC-DC Converter	2	Set	20,000.00	40,000.00
62	Thermal Imaging Camera	1	Set	22,800.00	22,800.00
<b>TOTAL ABC (P)</b>					<b>62,800.00</b>

Done in Quezon City, Philippines, this 16<sup>th</sup> day of November 2023.

 Digitally signed  
by Alvin E.  
Retamar


**ALVIN E. RETAMAR**

End-user

 Digitally signed  
by Lopez Glenn  
Vincent Carpena

 Digitally signed by  
Juvy Castañeda

**NARCISA JUVILYN C. CASTAÑEDA**  
BAC Member

 Digitally signed  
by Harold  
Bryan Paler  
**HAROLD BRYAN S. PALER**  
BAC Member


 Digitally signed by Algodon  
Meryl Regine Llenaresas  
Date: 2023.11.17 11:24:39  
+08'00'

**MERYL REGINE L. ALGODON, Ph.D.**  
BAC Member

 Digitally signed  
by Martinez  
Philip Abela


**PHILIP A. MARTINEZ**  
BAC Member

Digitally  
signed by  
  
**JEFFREY A. ABOROT**  
BAC Vice Chairperson

 Digitally signed by  
Bayani Benjamin  
R. Lara

**BAYANI BENJAMIN R. LARA**  
BAC Chairperson

**APPROVED/DISAPPROVED:**

 Digitally signed  
by Serrano Paul  
John Mirandilla  
for  
**FRANZ A. DE LEON, Ph.D.**  
Director, DOST-ASTI