

## Technical Bids Evaluation Report — Lot # 1

Sino Pak Center for Artificial Intelligence (SPCAI)/Pak-Austria Fachhochschule: Institute of Applied Sciences and Technology (PAF-LAST), Haripur invited sealed bids from interested firms for the Tender No. PAF-IAS/SPCAI/TENDER/2023/01 advertised on, 21 December 2023 in Mashriq newspaper and The news for the "Supply, Installation & Commissioning of Labs Equipment to Sino-Pak Center for Artificial Intelligence (SPCAI)", based on PPRA Rule 36(b) "Single Stage, Two Envelope Procedure" bid submission date as 9<sup>th</sup> January 2024.

Sr No.	Goods to be supplied	Qty
1.	Custom-Build Agile Multi-copter	1
2.	RTK-GNSS Base station (Here+V2 or Equivalent)	1
3.	Extra Aerial & Ground Batteries	1

Two (02) bidders submitted their bids for LOT # 1 against the tender as of above and bids were opened on the same day i.e., 9<sup>th</sup> January 2024 at 12:30 PM by the Procurement Committee in the presence of representatives of participating bidders of LOT#1 listed below.

- i. M/s TAMSCO
- ii. M/s SYSTEC Technologies

As per Clause 29 of the tender document, the technical Evaluation Committee evaluated bids as per Clause 27 & 28 of the tender document; Preliminary Examination and Evaluation of Eligibility and Technical Qualification which were defined in Section 4: Evaluation Criteria. After going through the bid proposals and the clarification sought from the bidder afterward, the following is the assessment of the Committee about each of the participating bidders.

### 1. Preliminary Examination Criteria.

Sr no.	Description	Examination	
		M/s TAMSCO	Systec Technologies
1	Appropriate Signatures	Yes	Yes
2	Power of attorney	Yes	Yes
3	Minimum bid documents provided	Yes	Yes
4	Bid validity	Yes	Yes
5	Bid security submitted as per ITB requirements with compliant validity period	Yes	Yes

### 2. Specification Compliance Form:

Sr	Description	M/s TAMSCO	Systec Technologies
		Comply (Yes/No)	
1	Custom-Build Agile Multi-copter	Yes	No
2	RTK-GNSS Base station (Here+V2 or Equivalent)	Yes	No

3	Extra Aerial & Ground Batteries	Yes	Yes
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### 3. Qualification Criteria:

	Description	Score	
		M/s TAMSCO	Systec Technologies
1	Section — I: General Corporate Profile	19	19
2	Section — II: Business Profile	25	28
3	Section — III: Manufacturer's/ Product's Strengths	5	5
4	Section — IV: Registration & Certifications	10	8
5	Section — V: Presentation on Project Proposal	9	9
<b>Grand Total:</b>		<b>68</b>	<b>69</b>

#### Recommendations:

As per Evaluation criteria defined in the tender document, and as stipulated therein the qualification was to be based on both eligibility (bidder required to fulfill all conditions), specification compliance and qualification on a score basis (i.e., the bidder is required to secure at least 60 percent to qualify). Therefore, based on an overall assessment of the Technical Committee, only M/s TAMSCO is declared as the only technically qualified bidder. Therefore, the financial offer of only M/s TAMSCO may be open.

## Technical Bids Evaluation Report — Lot # 2

Sino Pak Center for Artificial Intelligence (SPCAI)/Pak-Austria Fachhochschule: Institute of Applied Sciences and Technology (PAF-LAST), Haripur invited sealed bids from interested firms for the Tender No. PAF-IAS/SPCAI/TENDER/2023/01 advertised on, 21 December 2023 in Mashriq newspaper and The news for the "Supply, Installation & Commissioning of Labs Equipment to Sino-Pak Center for Artificial Intelligence (SPCAI)", based on PPRA Rule 36(b) "Single Stage, Two Envelope Procedure" bid submission date as 9<sup>th</sup> January 2024.

Sr No.	Goods to be supplied	Qty
1	Custom-Built Carrier Multi-copter	1
2	RTK-GNSS Base station (Here+V2 or Equivalent)	1
3	Extra Aerial & Ground Batteries	1

Two (02) bidders submitted their bids for LOT # 2 against the tender as of above and bids were opened on the same day i.e., 9<sup>th</sup> January 2024 at 12:30 PM by the Procurement Committee in the presence of representatives of participating bidders of LOT#2 listed below.

- i. M/s Systec Technologies
- ii. M/s TAMSCO

As per Clause 29 of the tender document, the technical Evaluation Committee evaluated bids as per Clause 27 & 28 of the tender document; Preliminary Examination and Evaluation of Eligibility and Technical Qualification which were defined in Section 4: Evaluation Criteria. After going through the bid proposals and the clarification sought from the bidder afterward, the following is the assessment of the Committee about each of the participating bidders.

### 1. Preliminary Examination Criteria.

Sr no.	Description	Examination	
		M/s TAMSCO	Systec Technologies
1	Appropriate Signatures	Yes	Yes
2	Power of attorney	Yes	Yes
3	Minimum bid documents provided	Yes	Yes
4	Bid validity	Yes	Yes
5	Bid security submitted as per ITB requirements with compliant validity period	Yes	Yes

### 2. Specification Compliance Form:

Sr no	Description	M/s TAMSCO	Systec Technologies
		Comply (Yes/No)	
1	Custom-Built Carrier Multi-copter	Yes	No
2	RTK-GNSS Base station (Here+V2 or Equivalent)	Yes	No
3	Extra Aerial & Ground Batteries	Yes	Yes

### 3. Qualification Criteria:

	Description	Score	
		M/s TAMSCO	Systec Technologies
1.	Section — I: General Corporate Profile	18	19
2.	Section — II: Business Profile	23	28

3.	Section — III: Manufacturer's/ Product's Strengths	0	5
4.	Section — IV: Registration & Certifications	10	8
5.	Section — V: Presentation on Project Proposal	15	9
<b>Grand Total</b>		<b>66</b>	<b>69</b>

**Recommendations:**

As per Evaluation criteria defined in the tender document, and as stipulated therein the qualification was to be based on both eligibility (bidder required to fulfill all conditions), specification compliance and qualification on a score basis (i.e., the bidder is required to secure at least 60 percent to qualify). Therefore, based on an overall assessment of the Technical Committee, only M/s TAMSCO is declared as the technically qualified bidder. Therefore, the financial offer of only M/s TAMSCO may be open.

**Technical Bids Evaluation Report — Lot # 4**

Sino Pak Center for Artificial Intelligence (SPCAI)/Pak-Austria Fachhochschule: Institute of Applied Sciences and Technology (PAF-LAST), Haripur invited sealed bids from interested firms for the Tender No. PAF-IAST/SPCAI/TENDER/2023/01 advertised on, 21 December 2023 in Mashriq newspaper and The news for the "Supply, Installation & Commissioning of Labs Equipment to Sino-Pak Center for Artificial Intelligence (SPCAI)", based on PPRA Rule 36(b) "Single Stage, Two Envelope Procedure" bid submission date as 9<sup>th</sup> January 2024.

Sr No.	Goods to be supplied	Qty
1	Unmanned ground vehicle: [Segway RMPLite 220 or equivalent]	1
2	Modern Manipulator Arm QArm – Quanser or Equivalent	1

One bidder submitted their bid for LOT # 4 against the tender as of above and bids were opened on the same day i.e., 9<sup>th</sup> January 2024 at 12:30 PM by the Procurement Committee in presence of representatives of participating bidders of LOT# 4 listed below.

iii. M/s RIMS

As per Clause 29 of the tender document, Technical Evaluation Committee evaluated bids as per Clause 27 & 28 of the tender document; Preliminary Examination and Evaluation of Eligibility and Technical Qualification which were defined in Section 4: Evaluation Criteria.

After going through the bid proposals and the clarification sought from the bidder afterward, the following is the assessment of the Committee about each of the participating bidders.

### 1. Preliminary Examination Criteria.

Sr no.	Description	Examination
		RIMS
1	Appropriate Signatures	Yes
2	Power of attorney	Yes
3	Minimum bid documents provided	Yes
4	Bid validity	Yes
5	Bid security submitted as per ITB requirements with compliant validity period	Yes

### 2. Specification Compliance Form:

Sr no	Description	RIMS
		Compliance
1	Unmanned ground vehicle: [Segway RMPLite 220 or equivalent]	Not Quoted
2	Modern Manipulator Arm QArm – Quanser or Equivalent	Yes

### 3. Qualification Criteria:

S. No	Description	Score
		RIMS
1.	Section — I: General Corporate Profile	25
2.	Section — II: Business Profile	19
3.	Section — III: Manufacturer's/ Product's Strengths	9
4.	Section — IV: Registration & Certifications	10
5.	Section — V: Presentation on Project Proposal	10
Grand Total		73

### Recommendations:

As per Evaluation criteria defined in the tender document, and as stipulated therein the qualification was to be based on both eligibility (bidder required to fulfill all conditions), as well as a qualification on a score basis (i.e., the bidder is required to secure at least 60 percent to qualify). Therefore, based on an assessment of the Technical

Committee, M/s RIMS is not declared a technically Qualified Bidder because RIMS did not quote all the items of lot 4.

It is therefore recommended that the financial offer of M/s RIMS Enterprises may not be opened.

### **Technical Bids Evaluation Report — Lot # 5**

Sino Pak Center for Artificial Intelligence (SPCAI)/Pak-Austria Fachhochschule: Institute of Applied Sciences and Technology (PAF-LAST), Haripur invited sealed bids from interested firms for the Tender No. PAF-IAS/SPCAI/TENDER/2023/01 advertised on, 21 December 2023 in Mashriq newspaper and The news for the "Supply, Installation & Commissioning of Labs Equipment to Sino-Pak Center for Artificial Intelligence (SPCAI)", based on PPRA Rule 36(b) "Single Stage, Two Envelope Procedure" bid submission date as 9<sup>th</sup> January 2024.

Sr No.	Goods to be supplied	Qty
1	Arduino Edge Control	10
2	Arduino Explore IoT Kit	10
3	EMoRo 2560 Controller	10
4	ARDUINO UNO WiFi REV2	10
5	USB 2.0 Cable Type A/B	20
6	Soldering Stand: Quad Hands Classic Helping Hands Tool	2
7	High Precision Barometric Pressure Sensor Grove(DPS310) or equivalent	10
8	Gravity: UART Infrared CO2 Sensor (0-50000ppm)	1
9	Grove - Gas Sensor (MQ3)	10
10	Gravity: Analog CO2 Gas Sensor (MG-811 Sensor)	10
11	Gravity: Analog Capacitive Soil Moisture Sensor - Corrosion Resistant	30
12	Digital Infrared Temperature Sensor (Grove or equivalent)	10
13	Multi-function Environmental Module - CCS811+BME280	10
14	Gravity: Non-contact Digital Water / Liquid Level Sensor for Arduino	20
15	Air Quality Sensor (CCS811 DFRobot or equivalent)	20
16	Water Sensor (Grove or equivalent)	20
17	Temperature Sensor (Grove or equivalent)	20
18	Temp & Humidity & Barometer Sensor (BME280 Grove or equivalent)	10

19	Moisture Sensor (Grove or equivalent)	20
20	Hall Sensor (Grove or equivalent)	10
21	Analog pH Sensor / Meter Pro Kit For Arduino (Gravity or equivalent)	10
22	Ozone Sensor (0-10ppm) (Gravity or equivalent)	10
23	SOIL HUMIDITY SENSOR, WATERMARK 2 M / 75 CM (Pack of 6)	10
24	Arduino Nano 33 IoT with headers	10
25	WiFi Module - ESP8266 (4MB Flash)	20
26	ESP-01S Wifi Module with relay or equivalent	20
27	Fingerprint Sensor Module (Adafruit or equivalent)	10
28	Adafruit DS1307 Real Time Clock Assembled Breakout Board	10
29	DS3231 Precision RTC Breakout (Adafruit or equivalent)	5
30	MicroSD card breakout board+(Adafruit or equivalent)	10
31	HDMI Cables for Raspberry Pi 4 B+ (Micro HDMI to HDMI)	30
32	Hot Air Soldering Rework Station w/ Three Nozzles – Quick 957DW+	2
33	Engineer Professional Silicone-Tip Solder Sucker	2
34	ATTEN 80W 110V Soldering Iron With Station - ST-2090D	6
35	128 GB Extreme microSDHC UHS-I Memory Card with Adapter or equivalent	40
36	Wire Stripper	2
37	Breadboard power supply	10
38	Vero Board	20
39	Magnifying glass for soldering	5
40	Breadboard	20
41	RAM - 8GB DDR4 3200MHz SODIMM PC4-25600	12
42	SATA 2.5" SSD 512GB for laptops	10
43	Keyboards	30

Two (02) bidders submitted their bids for LOT # 5 against the tender as of above and bids were opened on the same day i.e., 9<sup>th</sup> January 2024 at 12:30 PM by the Procurement Committee in presence of representatives of participating bidders of LOT#5 listed below.

iv. M/s Systec Technologies

v. M/s CosmoTech

As per Clause 29 of the tender document, Technical Evaluation Committee evaluated bids as per Clause 27 & 28 of the tender document; Preliminary Examination and Evaluation of Eligibility and Technical Qualification which were defined in Section 4: Evaluation Criteria. After going through the bid proposals and the clarification sought from the bidder afterward, the following is the assessment of the Committee about each of the participating bidders.

### 1. Preliminary Examination Criteria.

Sr no.	Description	Examination	
		CosmoTech	Systec Technologies
1	Appropriate Signatures	Yes	Yes
2	Power of attorney	Yes	Yes
3	Minimum bid documents provided	Yes	Yes
4	Bid validity	Yes	Yes
5	Bid security submitted as per ITB requirements with compliant validity period	Yes	yes

## 2. Specification Compliance Form:

Sr no	Description	CosmoTech	Systec Technologies
		Comply (Yes/No)	
1	Arduino Edge Control	Yes	Yes
2	Arduino Explore IoT Kit	Yes	Yes
3	EMoRo 2560 Controller	Yes	Yes
4	ARDUINO UNO WiFi REV2	Yes	Yes
5	USB 2.0 Cable Type A/B	Yes	Yes
6	Soldering Stand : QuadHands Classic Helping Hands Tool	Yes	Yes
7	High Precision Barometric Pressure Sensor Grove(DPS310) or equivalent	Yes	Yes
8	Gravity: UART Infrared CO2 Sensor (0-50000ppm)	Yes	Yes
9	Grove - Gas Sensor (MQ3)	Yes	Yes
10	Gravity: Analog CO2 Gas Sensor (MG-811 Sensor)	Yes	Yes
11	Gravity: Analog Capacitive Soil Moisture Sensor - Corrosion Resistant	Yes	Yes



12	Digital Infrared Temperature Sensor (Grove or equivalent)	Yes	Yes
13	Multi-function Environmental Module - CCS811+BME280	Yes	Yes
14	Gravity: Non-contact Digital Water / Liquid Level Sensor For Arduino	Yes	Yes
15	Air Quality Sensor (CCS811 DFRobot or equivalent)	Yes	Yes
16	Water Sensor (Grove or equivalent)	Yes	Yes
17	Temperature Sensor (Grove or equivalent)	Yes	Yes
18	Temp & Humidity & Barometer Sensor (BME280 Grove or equivalent)	Yes	Yes
19	Moisture Sensor (Grove or equivalent)	Yes	Yes
20	Hall Sensor (Grove or equivalent)	Yes	Yes
21	Analog pH Sensor / Meter Pro Kit For Arduino (Gravity or equivalent)	Yes	Yes
22	Ozone Sensor (0-10ppm) (Gravity or equivalent)	Yes	Yes
23	SOIL HUMIDITY SENSOR, WATERMARK 2 M / 75 CM (Pack of 6)	Yes	Yes
24	Arduino Nano 33 IoT with headers	Yes	Yes
25	WiFi Module - ESP8266 (4MB Flash)	Yes	Yes
26	ESP-01S Wifi Module with relay or equivalent	Yes	Yes
27	Fingerprint Sensor Module (Adafruit or equivalent)	Yes	Yes
28	Adafruit DS1307 Real Time Clock Assembled Breakout Board	Yes	Yes

29	DS3231 Precision RTC Breakout (Adafruit or equivalent)	Yes	Yes
30	MicroSD card breakout board+(Adafruit or equivalent)	Yes	Yes
31	HDMI Cables for Raspberry Pi 4 B+ (Micro HDMI to HDMI)	Yes	Yes
32	Hot Air Soldering Rework Station w/ Three Nozzles – Quick 957DW+	Yes	Yes
33	Engineer Professional Silicone-Tip Solder Sucker	Yes	Yes
34	ATTEN 80W 110V Soldering Iron With Station - ST-2090D	Yes	Yes
35	128 GB Extreme microSDHC UHS-I Memory Card with Adapter or equivalent	Yes	Yes
36	Wire Stripper	Yes	Yes
37	Breadboard power supply	Yes	Yes
38	Vero Board	Yes	Yes
39	Magnifying glass for soldering	Yes	Yes
40	Breadboard	Yes	Yes
41	RAM - 8GB DDR4 3200MHz SODIMM PC4-25600	Yes	Yes
42	SATA 2.5" SSD 512GB for laptops	Yes	Yes
43	Keyboards	Yes	Yes

### 3. Qualification Criteria:

Score

S.No	Description	CosmoTech	Systec Technologies
1.	Section — I: General Corporate Profile	21	19
2.	Section — II: Business Profile	16	28
3.	Section — III: Manufacturer's/ Product's Strengths	8	5
4.	Section — IV: Registration & Certifications	3	8
5.	Section — V: Presentation on Project Proposal	12	9
<b>Grand Total</b>		<b>60</b>	<b>69</b>

**Recommendations:**

- i. As per Evaluation criteria defined in the tender document, and as stipulated therein the qualification was to be based on both eligibility (bidder required to fulfill all conditions), as well as a qualification on a score basis (i.e., the bidder is required to secure at least 60 percent to qualify). Therefore, based on an assessment of the Technical Committee, CosmoTech and Systec Technologies both are declared Technically Qualified Bidders.
- ii. It is therefore recommended that the financial offer of both CosmoTech and Systec Technologies be opened.

**Technical Bids Evaluation Report Lot # 6**

Sino Pak Center for Artificial Intelligence (SPCAI)/Pak-Austria Fachhochschule: Institute of Applied Sciences and Technology (PAF-LAST), Haripur invited sealed bids from interested firms for the Tender No. PAF-IAS/SPCAI/TENDER/2023/01 advertised on, 21 December 2023 in Mashriq newspaper and The news for the "Supply, Installation & Commissioning of Labs Equipment to Sino-Pak Center for Artificial Intelligence (SPCAI)", based on PPRA Rule 36(b) "Single Stage, Two Envelope Procedure" bid submission date as 9<sup>th</sup> January 2024.

Sr. No.	Description	Quantity
1	WiFi LoRa 32 Dev Board (Heltec or equivalent)	10
2	LoRa Test Board Kit (LLCC68 based E220-900T30S or equivalent)	2
3	LoRa LLCC68 Development Kit 430 MHz 470 MHz	2
4	LLCC68 LoRa Module 868MHz 915MHz 30dBm UART	10
5	LLCC68 LoRa Module 433MHz 470MHz 30dBm UART	10
6	Antenna for LLCC68 LoRa Module 868MHz 915MHz 30dBm UART	10
7	DE1-SoC Development Kit including cables and power adapter	2
8	DE10 Lite	10

9	Super Value Ultimate 37 in 1 Sensor Modules Kit for Arduino & MCU	8
10	ZedBoard Zynq-7000 ARM/FPGA SoC Development Board	8
11	PYNQ-Z1: Python Productivity for Zynq-7000 ARM/FPGA SoC with Accessory Kit	8
12	Eclipse Z7: Zynq-7000 SoC Development Board with SYZYGY-compatible Expansion	1
13	ZedBoard Advanced Image Processing Kit (Quad Pcam option)	5
14	ZU-5EV (Zynq Ultrascale+ MPSoC Development Board)	1
15	Xilinx Virtex-7 FPGA VC707 Evaluation Kit	1
16	Universal Programmer (Xeltek Superpro 610p or equivalent)	5
17	Zigbee module with antenna (XBee S2C ZigBee (Wire Antenna) or equivalent)	10

(02) Bidders submitted their bid for LOT # 6 against the tender as of above and bids were opened on the same day i.e., 25th April 2022 at 12:30 PM by the Procurement Committee in the presence of representatives of participating bidders of LOT#6 listed below.

- i. M/s Systech Technologies
- ii. M/s CosmoTech

As per Clause 29 of the tender document, the Technical Evaluation Committee evaluated bids as per Clauses 27 & 28 of the tender document; Preliminary Examination and Evaluation of Eligibility and Technical Qualification which were defined in Section 4: Evaluation Criteria. After going through the bid proposals and the clarification sought from the bidder afterward, the following is the assessment of the Committee about each of the participating bidders.

### 1. Preliminary Examination Criteria.

S. No	Description	Examination	
		CosmoTech	Systec Technologies
1	Appropriate signatures	Yes	Yes
2	Power of Attorney	Yes	Yes
3	Minimum bid documents provided	Yes	Yes
4	Bid validity	Yes	Yes
5	Bid security submitted as per ITB requirements with a compliant validity period	Yes	Yes

### 2. Specifications Compliance Form:

S.No	Description	CosmoTech	Systec Technologies
		Comply (Yes/No)	
1	WiFi LoRa 32 Dev Board (Heltec or equivalent)	Yes	Yes
2	LoRa Test Board Kit (LLCC68 based E220-900T30S or equivalent)	Yes	Yes
3	LoRa LLCC68 Development Kit 430 MHz 470 MHz	Yes	Yes
4	LLCC68 LoRa Module 868MHz 915MHz 30dBm UART	Yes	Yes
5	LLCC68 LoRa Module 433MHz 470MHz 30dBm UART	Yes	Yes
6	Antenna for LLCC68 LoRa Module 868MHz 915MHz 30dBm UART	Yes	Yes
7	DE1-SoC Development Kit including cables and power adapter	Yes	Yes
8	DE10 Lite	Yes	Yes
9	Super Value Ultimate 37 in 1 Sensor Modules Kit for Arduino & MCU	Yes	Yes
10	ZedBoard Zynq-7000 ARM/FPGA SoC Development Board	Yes	Yes
11	PYNQ-Z1: Python Productivity for Zynq-7000 ARM/FPGA SoC with Accessory Kit	Yes	Yes
12	Eclipse Z7: Zynq-7000 SoC Development Board with SYZYGY-compatible Expansion	Yes	Yes
<b>13</b>	<b>ZedBoard Advanced Image Processing Kit (Quad Pcam option)</b>	<b>No</b>	<b>No</b>
14	ZU-5EV (Zynq Ultrascale+ MPSoC Development Board)	Yes	Yes
15	Xilinx Virtex-7 FPGA VC707 Evaluation Kit	Yes	Yes
16	Universal Programmer (Xeltek Superpro 610p or equivalent)	Yes	Yes

17	Zigbee module with antenna (XBee S2C ZigBee (Wire Antenna) or equivalent)	Yes	Yes
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### 3. Qualification Criteria:

S. No.	Description	Score	
		CosmoTech	Systec Technologies
1.	Section — I: General Corporate Profile	21	19
2.	Section — II: Business Profile	16	28
3.	Section — III: Manufacturer's/ Product's Strengths	8	5
4.	Section — IV: Registration & Certifications	3	8
5.	Section — V: Presentation on Project Proposal	12	9
Grand Total		60	69

#### Recommendations:

- i. As per Evaluation criteria defined in the tender document, and as stipulated therein the qualification was to be based on both eligibility (bidder required to fulfill all conditions), as well as a qualification on a score basis (i.e., the bidder is required to secure at least 60 percent to qualify). Therefore, based on an assessment of the Technical Committee, CosmoTech and Systec Technologies both are declared Technically Qualified Bidders.
- ii. It is therefore recommended that the financial offer of CosmoTech and Systec Technologies, both be opened.

It is also observed that sr # 13, item: ZedBoard Advanced Image Processing Kit (Quad Pcam option) quantity 5 is discontinued by the company. So, a purchase order against this item should not be issued.

### **Technical Bids Evaluation Report — Lot # 8**

Sino Pak Center for Artificial Intelligence (SPCAI)/Pak-Austria Fachhochschule: Institute of Applied Sciences and Technology (PAF-LAST), Haripur invited sealed bids from interested firms for the Tender No. PAF-IAS/SPCAI/TENDER/2023/01 advertised on, 21 December 2023 in Mashriq newspaper and The news for the "Supply, Installation & Commissioning of Labs Equipment to Sino-Pak Center for Artificial Intelligence (SPCAI)", based on PPRA Rule 36(b) "Single Stage, Two Envelope Procedure" bid submission date as 9<sup>th</sup> January 2024.

Two (02) bidders submitted their bids for LOT # 8 against the tender as of above and bids were opened on the same day i.e., 9<sup>th</sup> January 2024 at 12:30 PM by the Procurement Committee in presence of representatives of participating bidders of LOT#8 listed below.

- vi. M/s Edulab Systems
- vii. M/s Glow Pak International

As per Clause 29 of the tender document, Technical Evaluation Committee evaluated bids as per Clause 27 & 28 of the tender document; Preliminary Examination and Evaluation of Eligibility and Technical Qualification which were defined in Section 4: Evaluation Criteria. After going through the bid proposals and the clarification sought from the bidder afterward, the following is the assessment of the Committee about each of the participating bidders.

<b>Lot #8: Intelligent Biomedical Lab</b>		
1.	BIOPAC (Data Acquisition System for Biomedical Engineering)	<b>01</b>
2.	Freestyle Libre 2 Reader with Sensor - Continuous Glucose Monitor (Starter Pack)	<b>02</b>
3.	Myo gesture control armband	<b>02</b>
4.	MyoWare 2.0 Muscle Sensor Development Kit	<b>02</b>
5.	2.2 Inch Flex Sensor	<b>20</b>
6.	MySignals HW BLE Complete Kit (eHealth Medical Development Platform for Arduino)	<b>01</b>

### 1. Preliminary Examination Criteria.

Sr no.	Description	Examination	
		EDULAB Systems	Glow Pak International
1.	Appropriate Signatures	Yes	Yes
2.	Power of attorney	Yes	Yes
3.	Minimum bid documents provided	Yes	Yes
4.	Bid validity	Yes	Yes
5.	Bid security submitted as per ITB requirements with a compliant validity period	Yes	Yes

### 2. Specification Compliance Form:

	Description	EDULAB Systems	Glow Pak International

Sr no		Comply (Yes/No)	
1.	BIOPAC (Data Acquisition System for Biomedical Engineering)	No	Yes
2.	Freestyle Libre 2 Reader with Sensor - Continuous Glucose Monitor (Starter Pack)	No	Yes
3.	Myo gesture control armband	No	Yes
4.	MyoWare 2.0 Muscle Sensor Development Kit	Yes	Yes
5.	2.2 Inch Flex Sensor	Yes	Yes
6.	MySignals HW BLE Complete Kit (eHealth Medical Development Platform for Arduino)	Yes	Yes

### 3. Qualification Criteria:

S.No	Description	Score	
		EDULAB Systems	Glow Pak International
1.	Section — I: General Corporate Profile	18	25
2.	Section — II: Business Profile	26	26
3.	Section — III: Manufacturer's/Product's Strengths	0	0
4.	Section — IV: Registration & Certifications	10	10
5.	Section — V: Presentation on Project Proposal	20	25
<b>Total</b>		<b>74</b>	<b>86</b>

### Recommendations:

As per Evaluation criteria defined in the tender document, and as stipulated therein the qualification was to be based on both eligibility (bidder required to fulfill all conditions), as well as a qualification on a score basis (i.e., the bidder is required to secure at least 60 percent to qualify). Therefore, based on an assessment of the Technical Committee, only Glow Pak International is declared as a Technically Qualified Bidder. Therefore, the financial offer of only M/s Glow Pak International may be opened.



## Technical Bids Evaluation Report — Lot # 9

Sino Pak Center for Artificial Intelligence (SPCAI)/Pak-Austria Fachhochschule: Institute of Applied Sciences and Technology (PAF-LAST), Haripur invited sealed bids from interested firms for the Tender No. PAF-IAS/SPCAI/TENDER/2023/01 advertised on, 21 December 2023 in Mashriq newspaper and The news for the "Supply, Installation & Commissioning of Labs Equipment to Sino-Pak Center for Artificial Intelligence (SPCAI)", based on PPRA Rule 36(b) "Single Stage, Two Envelope Procedure" bid submission date as 9<sup>th</sup> January 2024.

Two (02) bidders submitted their bids for LOT # 9 against the tender as of above and bids were opened on the same day i.e., 9<sup>th</sup> January 2024 at 12:30 PM by the Procurement Committee in the presence of representatives of participating bidders of LOT#8 listed below.

- viii. M/s Systec Technologies
- ix. M/s CosmoTech

As per Clause 29 of the tender document, the Technical Evaluation Committee evaluated bids as per Clause 27 & 28 of the tender document; Preliminary Examination and Evaluation of Eligibility and Technical Qualification which were defined in Section 4: Evaluation Criteria. After going through the bid proposals and the clarification sought from the bidder afterward, the following is the assessment of the Committee about each of the participating bidders.

<b>Lot #9: Computer Vision</b>		
7.	Jetson Orin Nano Developer Kit	<b>04</b>
8.	Jetson AGX Orin 64GB Developer Kit	<b>04</b>
9.	Jetson TX2 NX Module	<b>04</b>

### **1. Preliminary Examination Criteria.**

Sr no.	Description	Examination	
		CosmoTech	Systec Technologies
6.	Appropriate Signatures	Yes	Yes
7.	Power of attorney	Yes	Yes
8.	Minimum bid documents provided	yes	Yes
9.	Bid validity	Yes	Yes
10.	Bid security submitted as per ITB requirements with a compliant validity period	Yes	yes

## 2. Specification Compliance Form:

Sr no	Description	CosmoTech	Systec Technologies
		Comply (Yes/No)	
7.	Jetson Orin Nano Developer Kit	Yes	Yes
8.	Jetson AGX Orin 64GB Developer Kit	Yes	Yes
9.	Jetson TX2 NX Module	Yes	Yes

## 3. Qualification Criteria:

S.No.	Description	CosmoTech	Systec Technologies
1.	Section — I: General Corporate Profile	21	19
2.	Section — II: Business Profile	16	28
3.	Section — III: Manufacturer's/Product's Strengths	8	5
4.	Section — IV: Registration & Certifications	3	8
5.	Section — V: Presentation on Project Proposal	12	9
<b>Total</b>		60	69

### Recommendations:

As per Evaluation criteria defined in the tender document, and as stipulated therein the qualification was to be based on both eligibility (bidder required to fulfill all conditions), as well as a qualification on a score basis (i.e., the bidder is required to secure at least 60 percent to qualify). Therefore, based on an assessment of the Technical Committee, CosmoTech and Systec Technologies both are declared Technically Qualified Bidders.

Therefore, the financial offer of CosmoTech and Systec Technologies, both may be opened.