

B I D E V A L U A T I O N R E P O R T & COMPLIANCE TO TECHNICAL SPECIFICATION

P.R. # 2022-6-1792

Goods: Purchase of IT Equipment & Accessories

Office: CDRRMC

REQUIRED SPECIFICATION		Bidder #1	
		PAE ENTERPRISES	
		Specification Offered	Pass/ Fail
Item 1	Supply of Surveying Equipment	1,598,000.00	
	Brand and Model	DJI PANTHOM 4 RTK QUADCOPTER	
	ABC: P 1,600,000.00	1,598,000.00	Pass
	Quantity: 3	1	
	Surveying Drone with accessories		
	RTK Drone with:		
*	1 Aircraft		
	*9kg takeoff weight; 2.4-2.48GHZ & 5.7-5.85GHZ Operating Frequency;	Same as required	Pass
	*1cm+1ppm (horizontal) & 1.5cm+1ppm (vertical) RTK Positioning Accuracy	Same as required	Pass
	*300deg/s (Pitch) & 100deg/s (Yaw) angular velocity; 30deg pitch angle	Same as required	Pass
	*6m/s ascent speed; 7m/s descent speed; 23m/s flight speed	Same as required	Pass
	*7km service ceiling ASL; 15m/s wind resistance; 55min flight time	Same as required	Pass
	*Supports gimbals and payloads; IP45 ingress protection rating	Cannot attach payloads	Failed
	*GPS + GLONASS + BeiDOU + Galileo GNSS	No BeiDOU + Galileo GNSS	Failed
	*-20deg Celsius to 50deg Celsius Operating Temperature	Same as required	Pass
*	1 Smart Controller Enterprise	Same as required	Pass
	*2.4-2.48GHZ & 5.7-5.85GHZ Operating Frequency;	Same as required	Pass
	*15km (NCC/FCC), 8km (CE/MIC), 8km (SRRC) Transmitting Distance	Same as required	Pass
	*4920mAh external battery; 5000mAh built-in battery	Same as required	Pass
	*-20deg Celsius to 40deg Celsius Operating Temperature	Same as required	Pass
	1 USB Charger	Same as required	Pass
	1 USB-C Cable	Same as required	Pass
	2 Intelligent Flight Battery (5935mAh, LiPo 12S Type)	Same as required	Pass
	1 Intelligent Battery (4920 mAh, LiPo 2S Type)	Same as required	Pass
	1 Propeller (CW) (pair)	Same as required	Pass
	1 Propeller (CCW) (pair)	Same as required	Pass
	2 Landing Gear	Same as required	Pass
	1 Spare Stick Cover (pair)	Same as required	Pass
	2 Spare Propeller Holder	Same as required	Pass
	4 Spare Gimbal Damper	Same as required	Pass
	1 USB Cable (w/ AA Ports)	Same as required	Pass
	1 Vision System Calibration Plate	Same as required	Pass
	1 Carrying Case	Same as required	Pass
	1 Smart Lanyard Controller	Same as required	Pass

	1 Rubber Port Cover (set)	Same as required	Pass
	1 Screws and Tools	Same as required	Pass
	1 Intelligent Battery Station (1070W max input)	Same as required	Pass
	1 Cleaning Tools	Same as required	Pass
	1 Installation Hardware (set)	Same as required	Pass
*	High Precision GNSS Mobile Station w/ Base Station Tripod with:	Same as required	Pass
	1 RTK 2 Body	Same as required	Pass
	*1cm+1ppm (horizontal) & 2cm+1ppm (vertical) RTK Positioning Accuracy	Same as required	Pass
	*IP65 Ingress Protection Rating	Same as required	Pass
	*-20deg Celsius to 55deg Celsius Operating Temperature	Same as required	Pass
	*Simultaneously receives GPS: L1 C/A, L2, L5; BEIDOU: B1, B2, B3; GLONASS: F1, F2, Galileo: E1, E5A, E5B	Same as required	Pass
	1 Extension Rod	Same as required	Pass
	1 Charging Hub	Same as required	Pass
	1 AC Power Adapter	Same as required	Pass
	2 Intelligent Battery (4920 mAh, LiPo 2S Type)	Same as required	Pass
	1 AC Power Cable	Same as required	Pass
	1 USB-C Cable	Same as required	Pass
	1 USB-C OTG Cable	Same as required	Pass
	1 Hex Key	Same as required	Pass
	1 RTK 2 High Precision GNSS Mobile Station Tripod	Same as required	Pass
*	Reconnaissance Drone	No Reconnaissance Drone included	Failed
	1 Aircraft	No Reconnaissance Drone included	Failed
	*8m/s ascent speed; 6m/s descent speed; 19m/s flight speed	No Reconnaissance Drone included	Failed
	*6km service ceiling ASL; 30km flight distance; 46minutes flight time	No Reconnaissance Drone included	Failed
	*12m/s wind resistance; 35m/s tilt angle; 200deg/sec angular velocity	No Reconnaissance Drone included	Failed
	*-20deg Celsius to 50deg Celsius Operating Temperature	No Reconnaissance Drone included	Failed
	*GPS + BeiDOU + Galileo GNSS	No Reconnaissance Drone included	Failed
	*0.3m (horizontal) & 0.1 (vertical) Hovering Accuracy Range	No Reconnaissance Drone included	Failed
	*8GB Internal Storage	No Reconnaissance Drone included	Failed
	*4/3 CMOS with 20MP sensor; f/2.8 to f/11 aperture lens	No Reconnaissance Drone included	Failed
	*100-6400 ISO Range; 8-1/8000s shutter speed	No Reconnaissance Drone included	Failed
	*With automatic exposure bracketing w/ 20MP, 3/5bracketed frames@0.7EV	No Reconnaissance Drone included	Failed
	*½" CMOS telecamera sensor;	No Reconnaissance Drone included	Failed
	*3-axis motorized (tilt, roll, pan) stabilization gimbal with 100deg/s control speed and 0.007 angular	No Reconnaissance Drone included	Failed
	*Omnidirectional binocular vision system with an infrared sensor; 20% reflectivity and 15 lux sensi	No Reconnaissance Drone included	Failed
	1 Remote Controller	No Reconnaissance Drone included	Failed
	1 Spare Control Sticks (pair)	No Reconnaissance Drone included	Failed
	1 Cable (USB Type C Connector) for the control stick	No Reconnaissance Drone included	Failed
	1 Cable (Lightning Connector) for the control stick	No Reconnaissance Drone included	Failed
	1 cable (Standard Micro USB Connector) for the control stick	No Reconnaissance Drone included	Failed
	1 Intelligent Flight Battery	No Reconnaissance Drone included	Failed
	3 Low Noise Propellers	No Reconnaissance Drone included	Failed
	1 65W Portable Charger	No Reconnaissance Drone included	Failed

	1 Storage Cover	No Reconnaissance Drone included	Failed
	1 Type C Cable	No Reconnaissance Drone included	Failed
*	Payload	Lacking on the Package	Failed
		Lacking on the Package	Failed
	*IP54 Rating; -20deg Celsius to 50deg Celsius Operating Temperature	Lacking on the Package	Failed
	*-20deg Celcius to 60deg Celsius Storage Temperature	Lacking on the Package	Failed
	*Integrates a Lidar module, an RGB camera, and a high-accuracy IMU	Lacking on the Package	Failed
	*2 km2 covered in a single flight	Lacking on the Package	Failed
	*Vertical Accuracy: 5 cm at 50m & Horizontal Accuracy: 10 cm at 50m	Lacking on the Package	Failed
	*Single Return Point Rate: 240,000 pts/s	Lacking on the Package	Failed
	*Supports 3 Returns	Lacking on the Package	Failed
	*Detection Range: 450m @ 80% reflectivity, 0 klx	Lacking on the Package	Failed
	*Point Cloud LiveView	Lacking on the Package	Failed
	1 Activation code for a 6 months license for the quoted device	AgiSoft Survey Software is included but not the Software required by the Requisitioning Office which is the DJI TERRA	Failed
*	Computer Laptop Survey Processing Unit	BRAND AND MODEL NOT STATED	FALED
	*Intel Core i7-10750H Processor 24M Cache, up to 5GHz	BRAND AND MODEL NOT STATED	FALED
	*GeForce RTX 3060 6GB GDDR6 VRAM	BRAND AND MODEL NOT STATED	FALED
	*32GB DDR4 3200MHz Memory	BRAND AND MODEL NOT STATED	FALED
	*1TB SSD Storage	BRAND AND MODEL NOT STATED	FALED
	*WiFi 6, Wireless LAN, Bluetooth 5.1 Module Connectivity	BRAND AND MODEL NOT STATED	FALED
	*Microsoft Windows 10 Professional; Microsoft Office	BRAND AND MODEL NOT STATED	FALED
	*15.6" Display Size, 240GHz, IPS Grade, 5ms Response Time, FHD	BRAND AND MODEL NOT STATED	FALED
	*Laptop Bag	BRAND AND MODEL NOT STATED	FALED
*	Other Accessories:		
	Dual Gimbal Connector	Accessories not included in the quotation	Failed
	Upward Gimbal Connector		
	Smart Controller		
	Monitor Mounting Kit		
*	UAV Training Course Registration w/ CAAP Assistance & Exam Fee (2pax)	UAV Training Course: Topics stated will be covered but only provide Training Certificate only. Supplier did not include Fee Coverage	Failed
	Introduction to UAS		
	Drone Features		
	Flight Fundamental and Safety		
	Drone Care & Maintenance		
	CAAP Rules and Regulation		
	Mock Written Exam		

	Outdoor Practical Flight Safety	Supplier did not include Fee Coverage for the CAAP Exam which is stated on the Purchase Request	
	Outdoor Practical Emergency Flight		
	Mock Practical Exam		
	Fee Coverage for CAAP Exam		
	Net Financial Contracting Capacity	492,718,343.55	Pass
	Single Largest Completed Contracts (SLCC)	Project: Supply and Delivery of Surveying Equipments @ NIA - IMO Rosario, Agusan del Sur Awarded: March 17,2022 3,080,000.00	Pass

REMARKS	Non-Responsive Bid
	Final Remarks: Financial Documents met but the Items being offered do not comply to the specifications stated on the Purchase Request

Evaluated by:	Submitted by:
BRIAN JADE A. GARCIA Computer Programmer II 04-Aug-22	JONELIE L. COLLADO BAC Head Secretariat