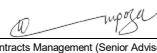


Eskom Distribution		GEMMA CLUSTER					
Project Name:		Template Identifier:					
Project ID:		Effective Date:					
Job Name:		Review Date:					
Job ID:							
DRONE EQUIPMENT							
Item No.	Part No.	Item Description	Item Specification Summary	Unit	Qty	Rate	Total Price
1		Trinity Pro VTOL UAV					
1.1		Main Unit (Craft)					
1.1.1	4260574665623 (Master)	Trinity Pro ADS-B (ROW)	Type: VTOL, Fixed Wing Maximum Weight Capacity: 5.75 KG Flight Time: 90 MIN Operating Temp Range: -12 to 50 DEG C Battery Type: Lithium-ION Battery Rating: 12 AH Accessory Components: 3 x Battery Packs, Rear Fuselage, Wing Left Gimbal Configuration: Fixed-interchangeable Payload Charger Capacity: 12A POD FFT: Including (3) batteries	each	1	R	-
1.2		Accessories					
1.2.1	QSKF1200 (Master)	Quick Start Fly kit (Landing pad, 5 x GCP markers and Carry Bag)	Type: Quick Start Fly Application: Drone Comprising: (5) GCP Marker, Landing Pad and Carry Bag	each	1	R	-
1.3		Sensors					
1.3.1	4260574666644 (Master)	TPT Sony ILX-LR1 (Premium RGB sensor)	Type: Drone Storage Capacity: SD Card Dependant Resolution: 61 MP Zoom: 1.5-2x Recording Medium: SD Memory Card Compatibility: Microsoft Windows 10 and 11 Power Source: 10-18 POD FFT: interchangeable E-Mount Lens	each	1	R	-
1.4		Field Tablet					
1.4.1	TAB-T100-0110-00 (Master)	T110 - 10.1 in WIN11 IoT Enterprise 32/1TB GPS WIFI/BT 4G LTE	Type: Android Resolution: 1920 x 1200 PIX Screen Size: 10.1 IN Processor Chip Type: Intel 14th Generation Core Ultra 7 Data Storate Capacity: 1 TB Memory: 32 GB Slot Type: USB 3.0, Type A, USB-C Included Software Type: Microsoft Windows 11 Professional Special Features: IP65 rating, MIL-STD-810H	each	2	R	-
1.5		Spares					
1.5.1	4260574664961 (Master)	TPT Battery Pack	Type: Drone Potential: 21.6 V Current Capacity: 12 AH Battery Electrolyte: Lithium-Ion Commercial Size: 1420g/288mm x 135mm Dry Weight: 1.5 KG Power: 65 WH	each	6	R	-
1.5.2	4260574664930 (Master)	TP Spare Left Wing	Type: Drone Position: Left Material: Plocelan LP40E 45g/l Gray Overall Size: 883mm x 221mm/188g Attachment Style: Clip on	each	2	R	-
1.5.3	4260574664923 (Master)	TP Spare Right Wing	Type: Drone Position: Right Material: Plocelan LP40E 45g/l Gray Overall Size: 883mm x 221mm/188g Attachment Style: Clip on	each	2	R	-
1.5.4	4260574664947 (Master)	TP Spare Elevator	Type: Drone Material: Plocelan LP40E 45g/l Gray Overall Size: 120mm x 520mm / 25g Attachment Style: Clip on	each	2	R	-
1.5.5	4260574662028 (Master)	Payload Locking Pin	Type: Payload Locking Dimensions: N/A/2g Material: SLS Plastic PA12 Natural Black	each	2	R	-
1.6		External Hard Drive					
1.6.1	EHD (Master)	SSD 870 EVO SATA III 2.5 Inch 8 TB or better	Design Type: SSD Drive Size: 2.5 IN Data Storage Capacity: 8 TB Unit Design: PC/Laptop Access Time: Read 560 Write 530 MBPS Interface Type: SATA III	each	2	R	-
1.7		Portable Power Station					
1.7.1	PPS-1 (Master)	EcoFlow DELTA 2 Portable Power Station with portable Solar Panel	Type: Portable Power Station Current: 10A Voltage: 51.2 VAC Power: 14.85dBm(EU/UK/AU/ZA) KW Frequency: 2412-2472MHz/2422-2462MHz(EU/UK/AU/ZA) HZ Connection Type: Cable POD FFT: With Portable Solar Panel	each	2	R	-
1.7.2	PPS-3 (Master)	EcoFlow DELTA 2 Bag	Type: Portbale Power Station Bag Dimensions: WD 315 X HT LG 500 X DP 315 Color: Black Material: Lightweight, waterproof, wear-resistant Designation: Ecoflow Designation Color: Black Unit Package Quantity: 1	each	2	R	-
1.8		Licensing and Maintenance (Trimble Business Center)					
1.8.1	63650-00 (Master)	Trimble Business Center Survey Advanced - Network License	Type: Geospatial Software System Application: Network License - Installed on Server	each	1	R	-
1.8.2	63615-00 (Master)	Add Aerial Photogrammetry to Network License (Reqs Key ID, min. Surface Modeling, match # of seats)	Trade Name: Trimble Business Center Type: Geospatial Software Format: Desktop Compatibility: Windows 11	each	1	R	-
1.8.3	63603-50 (Master)	Add Scanning to Network License (Reqs key ID, min. Survey Advanced Edition, Match # of Seats)	Trade Name: Trimble Business Center Type: Geospatial Software Format: Desktop Compatibility: Windows 11	each	1	R	-
1.8.4	TBC-ADV-Stock (Master)	TPP - Software Maintenance(Renewal) - Survey Trimble Business Center Advanced (12 month expiration)	Type: Geospatial Software System Application: Network License - Installed on Server	each	1	R	-
1.8.5	TBC-PHT-Stock (Master)	TPP - Software Maintenance(Renewal) - Survey Trimble Business Center Photogrammetry Module (12m expiration)	Type: Geospatial Software System Application: Network License - Installed on Server	each	1	R	-
1.8.6	TBC-Scan-Stock (Master)	TPP - Software Maintenance(Renewal) - Survey Trimble Business Center Scanning Module (12 month expiration)	Type: Geospatial Software System Application: Network License - Installed on Server	each	1	R	-
Sub-Total						R	-

2		Matrice 400					
2.1		Main Unit (Craft)					
2.1.1	CB.202505213099	Matrice 400 with Extended Warranty (No batteries)	Type: Obstacle Avoidance Maximum Weight Capacity: 6 KG Flight Time: 59 MIN Operating Temp Range: -20° to 50° Battery Type: Polymer Lithium-Ion Battery Rating: 20254 mAh POD FFT: QUADCOPTER	each	2	R	-
2.2		Accessories					
2.2.1	6.93722E+12	D-RTK 3 Multifunctional Station	Type: High Precision Mobile Station Application: Remotely Piloted Aircraft Power Consumption: 7 W Temperature Range: -20° to 55° Dimensions: 163mm x 89mm Enclosure Rating: IP65 Special Features: OcuSync 4 directional antennas x 4, 2T4R POD FFT Model: D-RTK 3	each	2	R	-
2.2.2	6.93722E+12	D-RTK 3 Survey Pole and Tripod Kit	Type: DJI RTK 3 Survey Pole Kit Style: DJI RTK Base Station Dimensions: 245mm x 245mm x 1398mm	each	2	R	-
2.2.3	SP-FLI-D-RTK-CPB13 (Master)	Stage Plus Flightcase For D-RTK Corrugated Plastic Case		each	2	R	-
2.2.4	4260574665616 (Master)	LP800 + 5pk GCP + Bag + Mallot + 20 Pegs	Application: Drone Comprising: (5) GCP, (20) PEG, LP800 LANDING PAD, MALLOT AND BAG	each	2	R	-
2.3		Sensors					
2.3.1		ZENMUSE L3	Type: Airbone Wavelength: 1535 nm Laser Output: Class 1 (IEC 60825-1:2014) Range: 300 m@100 kix, 350 KHz Accuracy: Horizontal Accuracy: 7.5 cm (RMSE) Power: 64 W (typical) 100 W (max.) Weight: 1.60 KG Enclosure Rating: IP54 Application: Photogrammetry, Lidar Special Features: Long range LIDAR	each	2	R	-
2.4		Batteries					
2.4.1	6.93722E+12	BS100 Intelligent Battery Station (General)	Type: Drone Battery Station POD FFT: Charges (3) Batteries, USB-C (65W PD for Accessories)	each	2	R	-
2.4.2	2.02505E+11	Matrice 400 TB100 Intelligent Flight Battery	Type: Drone Battery Potential: 54.6V (Full Charge) Current Capacity: 88.2Wh 4280mAh Battery Electrolyte: Lithium-Ion 13S Dry Weight: 4.72 KG Power: 977 WH	each	12	R	-
2.4.3	6958265145827 (Master)	WB37 Intelligent Battery	Type: Intelligent Flight Battery Potential: 7.6 VDC Current Capacity: 4.92 mAh Battery Electrolyte: Lithium Polymer Commercial Size: WD 45 X LG 90 X HT 26 MM Power: 37.39 WH	each	12	R	-
2.5		Software & Maintenance (DJI Terra Software)					
2.5.1	6941565922441 (Master)	DJI Terra Maintenance(Renewal) fee(Pro Overseas Permanent 1 device)	Trade Name: DJI Terra Type: LIDAR / Photogrammetry Software Format: Desktop Compatibility: Windows 11	each	1	R	-
			Sub-Total			R	-
3		M4E					
3.1	CB.202412112678	DJI M4E with Extended Warranty		Item	2	R	-
3.2	6.94157E+12	DJI M4E Series Battery		Item	10	R	-
3.3	6.94157E+12	DJI M4E Series Propellers		Item	2	R	-
			Sub-Total			R	-
4		Preliminaries & Generals					
4.1		Delivery Cost		Item	1	R	-
			Sub-Total			R	-

SUMMARY OF BILL OF QUANTITIES DRONE EQUIPMENT			Total Qty	Price	Total Price
SECTION 1	Trinity Pro VTOL UAV			R	-
SECTION 2	Matrice 400			R	-
SECTION 3	M4E			R	-
SECTION 4	Preliminaries & Generals			R	-
	Total			R	-

BOQ PREPARED BY : Zanele Mahlangu PRINT NAME	 SIGNATURE - Contracts Management (GIT)	29/01/2026 DATE
BOQ SUPPORTED BY: Unathi Mpoza PRINT NAME	 SIGNATURE- Contracts Management (Senior Advisor Quantity Surveyor)	30/01/2026 DATE
BOQ APPROVED BY: Mohammed Yusuf Morris PRINT NAME	 SIGNATURE - L&A Developments (Senior Electrical Technician)	02/02/2026 DATE
BOQ ACCEPTED BY (Contractor):		
COMPANY NAME		
PRINT NAME		
SIGNATURE		
DATE		