

TERMS OF REFERENCE (TOR)

INFORMATION SERVICE ALERT EQUIPMENT (ISAE) / TMAS

1.	NAME OF PROJECT: Supply, Delivery and Installation of One (1) Lot Information Service Alert Equipment (ISAE) / TMAS	
Requirements		
2.	COMPONENTS:	Quantity
	ALERT EQUIPMENT SET	
	I. Main Base Station Unit	1
	II. Omni Antenna	2
	III. Power Adapter	1
	IV. LAN Cable	1
	V. Power Inverter	1
	VI. Battery Charger	1
	MANAGEMENT SYSTEM	1
	I. Laptop Computer	1
	II. Information Service Software	1
	III. Tracking Device	1
3.	FUNCTION/DESCRIPTION:	
	<ul style="list-style-type: none"> a) Portable and lightweight design for quick deployment during emergency/calamity b) Ability to send text messages to all cellphone networks even without a list of mobile numbers c) Capable of sending emergency text messages when the network cell sites are not functioning d) Active sending of SMS in specific geographical location e) Includes antenna amplifier for power adjustment f) Prevents unwanted signal to avoid transmission interference g) GPS Tracking with real-time web monitoring system h) Mobile number database collection function 	
4.	TECHNICAL SPECIFICATIONS:	
	<u>ALERT EQUIPMENT SET</u>	
	I. Main Base Station Unit	
	a) Up to 10 Watts of Transmission Power	
	b) Dimension: 15cm. x 40cm. x45cm. (Maximum)	
	c) Ports (Power Port 12V, Transmission Port, Receiver Port, Battery Charging Port, LAN Port)	
	d) Weight: 7kgs. (Maximum)	
	e) Built-in Carrying Case	
	f) Rechargeable Batteries (2pcs. Li-Ion Batteries Rating: 160 Wh)	
	g) Ruggedized Waterproof/Shockproof Case	
	II. Omni Antenna	
	a) Size: 10cm x 10cm x 8cm. (Maximum)	
	III. Power Adapter	
	a) Input: 100-240VAC Output: 15V 13.4A 201W MAX	
	IV. LAN Cable	
	a) Length: 100cm	
	V. Power Inverter	
	a) Capacity: 500 Watts	

	<p>VI. Battery Charger a) Input: 100-240V Output: 19V 3.94A 75W MAX</p> <p><u>MANAGEMENT SYSTEM</u></p> <p>I. Laptop Computer a) Processor: Core i3 2.0GHz or higher b) RAM - 4GB or higher c) Windows 10 OS d) Storage - 500Gb or higher e) Display - 14" HD Anti-Glare Display f) Spill Resistant Keyboard</p> <p>II. Information Service Software a) Cellsite Scanner b) Statistics Monitor c) Text Message Box d) Network Selector</p> <p>III. Tracking Device a) Data Sim Port b) GPS Receiver c) Magnetic Case d) Rechargeable Battery</p>
5.	<p>REQUIREMENTS:</p> <p>I. Software installers must be genuine. II. 1 Year Warranty of Hardware III. 1 Year Warranty on Software IV. ISAE/TMAS Software License Updates for 3 years III. Twice a year hardware inspection / maintenance and end-user training for 3 yrs. IV. License cost for NTC (if any) to be shouldered by supplier V. End-user demonstration (actual demo) upon delivery of the equipment. a. How to operate / use b. Troubleshooting</p>
6.	<p>Supplier must:</p> <p>a. Have a customer purchase order and/or inspection and acceptance report of communication and Information Service Alert Equipment (ISAE/TMAS) within the last Five (5) years showing that the bidder is an established communication and information service provider. b. Have an authorized Distributor Certificate from the manufacturer (As First Tier Distributor of Information Service Alert Equipment) c. Must have at least Ten (10) years in business operation. d. Provide end-user Training upon delivery of the equipment e. Supplier MUST have Value Added Service (VAS) Provider Certificate of Registration issued by National Telecommunication Commission (NTC) f. Supplier MUST have Radio Communication Equipment Dealer's Permit issued by National Telecommunication Commission (NTC)</p>

Prepared by:

Approved by: