

Section VII. Technical Specifications

Bidders must state “**Comply**” in the column “**Statement of Compliance**” against each of the individual parameters of each “Specifications.”

SUPPLY, DELIVERY, INSTALLATION, TRAINING TESTING AND COMMISSIONING OF CELLULAR BONDED AND IP BROADCAST COMMUNICATIONS EQUIPMENT FOR LIVE NEWS AND PUBLIC AFFAIRS COVERAGE OF THE PRESIDENTIAL COMMUNICATIONS OFFICE (Procurement/Contract No. 2023-PCO-090)			
ITEM NO.	DESCRIPTION	QTY	STATEMENT OF COMPLIANCE
1.0	<p>CELLULAR BONDED/IP TRANSMITTER, latest and brand new; Complies with the following minimum requirements:</p> <ul style="list-style-type: none"> - Transmitter: Hardware (HW) and Software (SW) and Live Streaming Application, RTMP/RTSP streaming feature, Upgradable SW licenses, Portable and lightweight (with professional carrying case); - Power Sources: Total operating time on battery DC (internal and/or external) at least Three (3) hours; Adaptable to standard external 12V camera battery (V-mount or Gold-mount); AC Power is 110-220VAC 50/60Hz Auto volts with AC/DC external power adapter (included), No disconnection during battery replacement - Network Connections: Cellular: LTE/4G band, (5G ready), Ethernet, Wi-Fi, LAN and/or more connections. Modem - Ports: At least Two (2) internal embedded modems; and at least two (2) external external modems - Preview: Video preview; per-network cellular connectivity status incl. throughput, network delay etc. (on screen or on control app) - Video Encoding: HEVC (H.265) Audio and - Video Input Source: Embedded audio, Standard HD/SD-SDI and Digital (SDI/HDMI) 480i, 576i, 720p, 1080i, 1080p - Controls: Web-based Browser (with license support) for live preview and/or direct preview of incoming feed to assigned channels. with Web base remote control of the transmitter Interface / Exterior Connectors and - Accessories: Ethernet (enabled),*HD/SD-SDI, HDMI, *USB 2.0-3.0, Monitoring: Full monitoring and control using UI (Control Application) and Full web-based remote control) Video preview; per- 	3	

	<p>network cellular connectivity status incl. throughput, network delay etc.</p> <ul style="list-style-type: none"> - ACCESSORIES: High-quality HDMI Cables and SDI Cables at least three (3) meters (two sets per unit) - Warranty: At least one (1) year warranty, including technical support and hardware replacement services. 		
2.0	<p>BROADCAST RECEIVER/SERVER, latest and brand new Complies with the following minimum features: *</p> <ul style="list-style-type: none"> Playback or export of recorded store and forward (Rec and Go) files *RTMP/RTSP streaming feature *Transmission setting control on receiver *Audio Bitrate setting on the receiver *Device with Genlocked/Reference input or through I/O card *Receive up to four (4) signal simultaneously (quad SDI outputs) *HD/SD-SDI Embedded audio and video output system *Rack mounted server type *Graphical User Interface (GUI) based configuration using Internet Protocol (IP) Computer set with At least 40" industrial type UHD monitors (per server) <p>ACCESSORIES: SDI Cable (10m):High end cables, connectors and accessories needed for the operation (two sets per unit)</p>	1	
3.0	<p>BROADBAND MODEM (Stick), latest and brand new Complies with the following minimum requirements: Broadband modem (at least 1gig Data rate)</p> <ul style="list-style-type: none"> •Frequency Division Duplex (FDD) •DC-HSPA+/HSPA+/HSPA/UMTS •EDGE/GPRS/GSM <p>Speed:</p> <ul style="list-style-type: none"> •High-speed LTE FDD DL/UL •High-speed DC-HSPA+ packet DL •High-speed HSPA+ DL •High-speed HSPA (HSUPA/HSDPA)/UMTS DL •EDGE/GPRS DL •SIM Card Slot microSD Card Support: • At least 32GB Warranty: At least one (1) year warranty, including technical support and hardware replacement services. 	4	
4.0	<p>INSTALLATION, TESTING, TRAINING AND COMMISSIONING Actual and on-site installation, testing, training and commissioning of two (2) to three (3) Cellular Bonded Transmitters and Two (2) (1) Cellular Bonded Receiver with complete standard accessories.</p>	1	
5.0	General Conditions		

	A. The equipment provider/bidder should have a certificate of exclusive distributor or authorized dealer/reseller from the manufacturer.		
	B. The winning bidder shall include one (1) year extended warranty certificate from the standard of one (1) year for the equipment maintenance and support during operation		
	C. The obligation under all warranties shall cover all repairs or replacements of defective equipment and accessories and the shipment of repaired or replaced parts to the purchaser shall be at the cost of the provider/bidder account.		
	D. The supplier shall ensure that they will provide a spare unit in case the supplied equipment has defects and needs to be repaired.		
	E. The supplier shall guarantee the availability of spare parts and technical service support for a minimum of five (5) years after the sale of equipment and accessories.		
	F. The equipment provider/bidder shall Supply, Delivery, Installation, Training, Testing and Commissioning of Cellular Bonded and IP Broadcast Communications Equipment For Live News and Public Affairs Coverage of the Presidential Communications Office at Barangay Subangdaku, Mandaue City, Cebu within Ninety (90) days from the issuance of Notice to Proceed.		

Conforme:

Full Name and Signature of Bidder/Authorized Rep.

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Designation

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Name of Company

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