

**CITY OF MILWAUKEE SPECIFICATIONS
BID NO. 17363 DNC MARINE NAVIGATION & COMMUNICATIONS PACKAGE**

NOTE: THIS SPECIFICATION AND ANY ACCOMPANYING SPECIFICATIONS OR BID CAN BE APPEALED.

YOUR APPEAL MUST BE SUBMITTED IN WRITING TO THE CITY PURCHASING DIRECTOR FOR ALL BIDS NO LATER THAN FIVE (5) WORKING DAYS PRIOR TO BID OPENING.

YOUR APPEAL MUST NOT ONLY IDENTIFY THE PROVISION, TERM OR CONDITION THAT IS CAUSING PROBLEMS, BUT ALSO YOUR PROPOSED ALTERNATE POSITION, TERM OR CONDITION AND BE SUPPORTED BY TECHNICAL DATA, TEST RESULTS AND OTHER INFORMATION.

CONTACT THE APPROPRIATE PURCHASING AGENT OR THE PROCUREMENT SPECIALIST FOR APPEAL FILING INSTRUCTIONS.

APPEAL RECEIVED LATER THAN FIVE (5) WORKING DAYS PRIOR TO BID OPENING OR WITHOUT SUFFICIENT DETAILS **WILL NOT BE CONSIDERED.**

NOTICE

AN APPEAL FEE (CHECK OR MONEY ORDER) WHICH IS 1% OF THE ESTIMATED DOLLAR AMOUNT OF THIS CONTRACT IS REQUIRED WITH A BID SPECIFICATION APPEAL. THIS FEE IS A PREREQUISITE FOR PURSUING THE APPEAL AND MUST ACCOMPANY THE APPEAL. THE APPEAL FEE WILL BE RETURNED IF THE APPEAL IS UPHELD.

CAUTION: A BID THAT DOES NOT FULLY COMPLY WITH ALL OF THE PROVISIONS, TERMS, AND CONDITIONS OF THIS OR ANY ACCOMPANYING SPECIFICATION AND BID, MAY BE DETERMINED AS A COUNTEROFFER AND MAY RESULT IN THE BID BEING REJECTED FOR NON-RESPONSIVENESS.

- I. GENERAL:** It is the intent of this specification to describe the needs the Milwaukee Police Department requires to establish interoperability with US Coast Guard, to ensure a safe response to the city's nautical responsibility. The minimum requirements for Marine Navigation & Communications Package to be purchased by the City of Milwaukee Police Department for the 2020 Democratic National Convention (DNC).
MPD will accept "**an equal**" or "**equivalent**" product, to any brands listed in this specification. Below specifications are required to accept the bid.

II. AWARD AUTHORITY:

The City Purchasing Director will be the sole judge of the quality and suitability of all equipment, materials and/or services in its determination of the successful bidder for all bids.

III. TECHNICAL REQUIREMENTS

<u>BIDDER MUST FILL IN BLANKS TO INDICATE COMPLIANCE, OR STATE EXCEPTION FOR OUR ACCEPTANCE. FAILURE TO COMPLY WITH THIS REQUIREMENT MAY RENDER YOUR BID UNRESPONSIVE.</u>				
Spec #	<u>DESCRIPTION</u>	COMPLY		
1.0		YES	NO	EXCEPTIONS
1.1	All components of the selected system shall meet U.S. Coast Guard second generation Scalable Integrated Navigation System (S.I.N.S. 2) specifications			
1.2	Federal Information Processing Standards (F.I.P.S.) 140-2 compliant for secure navigation and intelligence sharing			
1.3	Navigational system hardware components shall utilize the same software and communicate via National Marine Electronics Association (NMEA) network standards			
1.4	Encryption capable 12" Multi- Function navigational display (MFD) and Automatic Identification System capable of Blue Force tracking, ship to ship and ship to shore secure text messaging, tasking, and intelligence sharing capabilities.			
1.5	MFD shall have a minimum of quad core processing capabilities and an IPS display			
1.6	MFD shall have hybrid tactile control features including a touch screen and physical controls			
1.7	Four kilowatt radome capable of advanced target acquisition and interception with Doppler collision avoidance and CHIRP pulse compression			
1.8	1kW CHIRP sonar capable of down, side, and hybrid scanning of the lake bed, marine structures, commercial and recreational vessels			

1.9	Multispectral, long range marine grade thermal and high definition low light camera. Camera shall be gyro stabilized and capable of intelligent obstacle recognition. Camera must be controllable via both MFD touch screen and joystick			
1.10	Multi station networking hub for shared cartography, digital radar, and sonar data across multiple, compatible displays			
1.11	VHF Marine Transceiver – Fixed mount VHF with AIS, color display, Class D DSC integrated GNSS receiver, 25W output power, IPXS waterproof rated, built in fog signaling, 30W listen back hailer, GNSS antenna			
1.12	Multiband digital radio, 136 – 870 MHZ, unencrypted, with accessories required for compatibility with established MPD, USCG radio networks: CH-721 control unit; microphone, antenna; K794 cable assembly, roof mount GPS antenna; XM-PL8N in band GPS; XM-PKGPT P25 trunking, XMPL4F P25 Phase 2, TDMA; XMPL4C encryption, AES, DES-OFB; XMPL5L OTAR (P25 trunking and P25 conventional); XM-LLA Link layer authentication; XM-PL9E single-key AES; SM-PL8Y encryption lite			
1.13	All antennas and materials necessary for installation on a 2007 SeaArk RAM Commander rigid aluminum hull inflatable boat and a 2006 Zodiac Hurricane H920 rigid aluminum hull inflatable boat			
1.14	Bidding parties must be factory authorized distributors for the navigational equipment			
1.15	All contracted installers must be NMEA CMET certified, ABYC certified, and FCC licensed			

IV. QUALITY:

Vendors and/or the manufacturers of materials supplied to the City of Milwaukee shall inspect all of the materials for compliance with the appropriate City specifications prior to their shipment to the City.

- A. Materials that found to be non-complaint for whatever reason will be rejected and returned for full credit, including shipping costs.
- B. Vendors and/or manufacturers who ship materials that are found to be non-complaint will also be responsible for the following:
 - a. Reimbursing the City for the cost of inspecting the materials that are rejected.
 - b. Reimbursing the City for the difference in cost between the open market and the bid price for the rejected materials.
 - c. Providing the City with the necessary information for the return of the rejected materials (i.e. RGA #, Return Address, etc.) within ten (10) calendar days of receiving a written notification of rejection, and making arrangements for the pickup of the rejected materials.

NOTE: Rejected materials must be picked up within twenty-five (25) working days of providing the City with the return goods information. If they are not picked up, they will be scrapped.