



ADDENDUM

June 3, 2025

RE: CITY OF MOBILE BID #5953 FOR ARC EXPLORER MK II

Please consider the following to be Addendum to City of Mobile Bid #5953 for ARC Explorer MK II

UPDATE

WINCH SPECIFICATIONS:

Please visit <https://www.cityofmobile.org/BIDS/?bid=3845> for all updated bid documents.

Thank you for your consideration in this matter.

A handwritten signature in blue ink, appearing to read 'John Paine'.

John Paine
Purchasing Agent
City of Mobile

JP/lw

SONAR SYSTEM SPECIFICATIONS:

Tow fish made of rugged stainless steel and polymer

Dual frequency: 900/1800 kHz

Shall not exceed 49 lbs

Has the capability to dive up to 984 feet

Dimension shall not exceed 3.75 inches x 44.5 inches

Optional 150 kHz / 300 kHz transducers available

Dual simultaneous frequency transmission

Adaptive CHIRP technology

Includes depth sensor and altimeter

Shall record raw data in real time

It shall generate a printable report

Shall include a Field two (2) adjustable transducer 1 left and 1 right, with one (1) variable angle bracket to allow for vertical imaging for searching

Modular and variable tow fish design

Shall include Altimeter/Depth Sensor

Robust hydrodynamic nose and fin design

Shall include 9m, 30 m and 200m lightweight Kevlar tow cables which are constructed with twisted pair of Kevlar strength with a bend radius 10 cm/4 inch with up to 750 lbs safe working load

Must be a One-man portable design

Watertight topside processor included

User-selectable ruggedized laptop with Sea Scan software with the minimum WIN OS, IP65, SSD 500GB, 16GB RAM

All cables and connectors included

Includes warranty for parts, labor up to 3 years (min. one year)

Includes manufacturer documentation and training

Shall include 24 hr Tech support

Shall include free software upgrades

Shall include keel weights

Shall include range and bearing tool to allow for easy return to scanned targets

Shall include and not limited to the ability of customization options such as magnetometer integration

Shall include a quick release safety mechanism

WINCH SPECIFICATIONS

Voltage Options: 12/24 VDC, 120/220 AC

Gear Motor Options: 0.50 HP

Construction: 6061-T6 Aluminum with stainless steel hardware

Belt driven drum core: 10.75" diameter

Drum flange diameter: 20-24.5"

Drum core length: 8-11"

Drum capacity: 200-400M of .332 cable / 2" freeboard

Performance: 200-450+ lbs pull at core and at 100M

Speed: 20M to 40M per minute at 100M of cable

Weight: Not to exceed 175 lbs but not to be less than 110lbs

Frame dimensions:

Width 12-16", Length 37", Height 26"

Slip ring guard protrudes 6.5"

The pole mount boom extension is expected to connect to winch but be removable so the winch can stand alone

Shall include (2) string block

Shall be Powder Coated yellow

Shall include Water cut side panels.