



Paul R. LePage
GOVERNOR

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0016

January 5, 2012
Subject: **Marine Electronics**
Location: **Rockland**
State Pin No: **N/A**
Amendment No. 3

David Bernhardt
COMMISSIONER

Dear Sir/Ms:

Make the following changes to the Bid Document:

In the Bid Book (pages 30 thru 32) **REMOVE** "APPENDIX A, MAINE DEPARTMENT OF TRANSPORTATION, REQUEST FOR PROPOSALS, and **REPLACE** with the attached new "APPENDIX A, MAINE DEPARTMENT OF TRANSPORTATION, REQUEST FOR PROPOSALS" 3 pages undated.

In the Bid Book (pages 33 and 34) **REMOVE** "APPENDIX A, MAINE DEPARTMENT OF TRANSPORTATION, REQUEST FOR PROPOSALS, SCHEDULE OF ITEMS WORKSHEET" 2 pages dated November 17, 2011 and **REPLACE** with the attached new "APPENDIX A, MAINE DEPARTMENT OF TRANSPORTATION, REQUEST FOR PROPOSALS, SCHEDULE OF ITEMS WORKSHEET" 2 pages dated January 4, 2012.

The following question has been received:

Question: Schedule of Items Worksheet item #10 (last item), the model number in your description, MDUPC19, is a Flush Mount computer. After our vessel inspection, no flush mount is appropriate for any vessel. The correct part number is as follows; Pilot House 19" Computer Series (#51-12100-103) with wireless mouse and keypad. Please advise.

Response: Change computer to be a free standing computer such as Comark #51-12100-103, which will run from 120VAC power and be capable of being mounted on desk top, hung from ceiling by brackets, or be otherwise installed to suit the vessel installation. Please see the above changes.

Question: After vessel inspection, it was determined that a line item be added to the Schedule of Items Worksheet (Line Item #4). Furuno SC50 Satellite Compass w/interface cables to radars should include custom built mast (steel) to be added to all six vessels to accommodate this antenna. Please advise.



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Response: Antennas and the mounting of the antennas are the responsibility of the bidder. The only requirement is that the compass must work and be proven reliable. If the bidder feels that a mast is necessary it should be included in the bid.

Question: After vessel inspection, it was determined that line item #9 on the Schedule of Items Worksheet (Furuno AIS FA150), that the Shakespeare 396-1-AIS Antenna should be changed because of mounting difficulties. The appropriate Shakespeare Antenna should be 5396-AIS; this antenna will accommodate existing mounts on each vessel. Please advise.

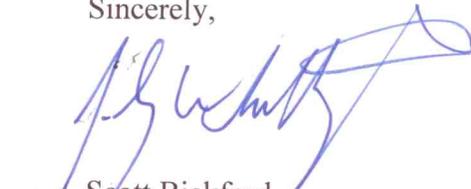
Response: All antennas and mounting are as in the bid. If new mounts are required then they must be included in the bid.

Question: We would like the opportunity to go to go to Rockland and survey one or two of the vessels at the Department's convenience this week. Please let us know if this request can be accommodated.

Response: Please note that Appendix A (page 32) of the bid book requires each bidder to actually visit each vessel and be signed off that they had visited the vessel. Appendix C (page 47) contains contact information for the Ferry Service Port Engineer.

Consider these changes and information prior to submitting your bid on **January 11, 2012.**

Sincerely,


Scott Bickford
Contracts & Specifications Engineer

APPENDIX A
MAINE DEPARTMENT OF TRANSPORTATION
REQUEST FOR PROPOSALS



Supply and Install Marine Electronics Packages on MSFS Vessels

The Maine Department of Transportation/Maine State Ferry Service is accepting Bids with intent to award a contract to supply and install six (6) marine electronics packages. The contract will be awarded till completion starting 2 weeks after contract execution date.

I. BACKGROUND

The Maine Department of Transportation/Maine State Ferry Service operates a fleet of seven (7) ferries. Six (6) of the ferries will receive marine electronics packages.

The ferries and their location at which the Department may designate to have work performed are as follows:

- M/V Governor Curtis/Rockland
- M/V Everett Libby/Rockland
- M/V Charles Philbrook/Rockland
- M/V Neal Burgess/Rockland
- M/V Margaret C. Smith/Rockland
- M/V Henry Lee/Rockland

II. SCOPE OF WORK AND REQUIREMENTS

Marine Electronic Packages: The packages for each vessel shall consist of the following equipment -

EQUIPMENT	NUMBER	TOTAL NUMBER
Furuno FR8122 Radars	2	12
Furuno XN13A/6 Radar Antennas	2	12
Furuno ARP11 ARPA cards	2	12
Furuno SC50 Satellite Compass w/interface cables to radars	1	6
Furuno GP150D GPS Receiver w/interface cables to radars	1	6
Nobeltec Admiral 11 Pro Chart Software w/Jeppesen C-Map MAX Pro Charts for Bay of Fundy to Barnegat Bay, #NA-P006	1	6
Furuno FCV585 Echo Sounders w/Airmar 520-5MSD bronze thru hull dual frequency transducer & sufficient cabling for sounder to transducer	1	6
Standard Horizon Explorer GX1600 VHF Radios w/8 ft Shakespeare style 5225XT, 6db antennas & sufficient cabling	2	12
Furuno AIS FA150 Transponder w/interface cables to radar & Shakespeare 396-1-AIS Antenna	1	6
COMARK Marine Computer/Display Model Pilot House 19" Computer Series (#51-12100-103) with wireless mouse and keypad. incl. compatible operating system and sufficient RAM & hard drive capacity for Nobeltec Admiral 11 Pro Chart Software and a 19" monitor	1	6

APPENDIX A
MAINE DEPARTMENT OF TRANSPORTATION
REQUEST FOR PROPOSALS

Scope: Supply and Install six (6) marine electronic packages. Remove existing equipment. Installation of the majority of the equipment will be performed during shipyard periods in Rockland, ME. Installation of minor equipment and job evaluation and preparation may be performed while vessel(s) are in service. All equipment installation will be done in accordance with applicable U.S. Coast Guard regulations and will be performed so as to ensure optimum performance of each individual piece of equipment. Installation shall include moving all interferences (including, but not limited to, joinery, paint, electrical, plumbing, & mechanical) and restoring all interferences to original condition. Work to be performed on an hourly basis as authorized by the Department.

Equipment: The Contractor shall provide all necessary equipment and tools necessary for the proper and safe accomplishment of the work. Equipment shall be well maintained and in good working order.

Materials: The Contractor shall procure all necessary materials necessary for the proper accomplishment of the work upon prior approval by the Department unless otherwise directed. All materials to meet applicable State of Maine Standard Specifications and/or approved by the Maine Dept. of Transportation.

Notification to Begin Work: Requests for Contract Services will be made by the Ferry Service Port Engineer. The Contractor shall respond in a timely manner in accordance with a schedule approved by the Department.

Access to Facilities: the Contractor shall notify the Ferry Service Port Engineer prior to working at any facility.

Ferry Transportation: complimentary ferry tickets will be provided to the Contractor when work under this Contract involves working on the vessel while it is underway or at an island location.

Marine Electronics Contractor Requirements:

Contractor must:

- Hold the following licenses/certifications:
 - FCC General Radiotelephone Operator License w/Radar endorsement
 - NMEA Certified Marine Electronics Technician
 - NMEA Marine Electronics Installer
- Be able to perform highly electric, electronic, mechanical, and carpentry tasks
- Be able to read, interpret and construct a project from plans and specifications
- Have a reliable vehicle (Service Truck) assigned to provide transportation to and from employee's place of residence and/or workplace during normal work hours. Vehicle must carry all tools, supplies, and equipment needed for job duties
- Have all tools and necessary equipment needed to perform required duties
- Have knowledge of all codes, OSHA requirements and Department safety policies as they relate ferry vessels
- Knowledge of US Coast Guard regulations as they pertain to subchapter H & K ferry vessels
- Have and use properly, all Personal Protective Equipment needed to perform job duties and comply with established safety guidelines and procedures
- Be able to work effectively with minimum supervision
- Be equipped with a pager and cell phone with the ability to be contacted at all times.
- For the purpose of preparing an accurate bid, the contractor will conduct an on site survey of all six (6) vessels. To schedule a survey for each vessel the contractor(s) shall contact the Ferry Service Port Engineer at (207) 596-5429 or dennis.putansu@maine.gov. A survey confirmation document will be provided by the Ferry Service Port Engineer and must have a confirmation signature from the same so as to confirm that all six vessels have been surveyed.

APPENDIX A
MAINE DEPARTMENT OF TRANSPORTATION
REQUEST FOR PROPOSALS

III. PROPOSAL SUBMISSION REQUIREMENTS

Your Bid should include detail description and history of your business; number of licensed technicians qualified to perform services, 3 references and completed Schedule of Items Worksheet in Appendix A.

1. Submit photographs or a detailed written description of a minimum of three examples of projects completed within the last two years. If submitting photographs also provide a brief description of the project details including location, scope, etc.
2. Copies of Licenses & Certificates
3. Provide reference contact names and telephone numbers of at least 3 previous customers that have had similar work performed by the Bidder.
4. Survey confirmation document endorsed by Ferry Service Port Engineer that all six (6) vessels have been surveyed.
5. The Bidder must submit completed Schedule of Items worksheets in Appendix A

IV. GENERAL INFORMATION

This Bid does not commit MaineDOT to pay any costs incurred in preparing and submitting your proposal, or in procuring or sub-contracting for services or supplies related to the proposal. MaineDOT reserves the right to reject any and/or all bids.

V. PROPOSAL EVALUATION

An Evaluation Committee will read and score each bid. The Evaluation Committee may require the Bidder to make the examples of prior work available for inspection at a location, date and time which are mutually agreeable to the Department and the Bidder. An Evaluation Committee member may schedule inspections with the Bidder.

The Bids will be scored on the basis of the following weighted criteria:

<u>Criteria</u>	<u>Weight</u>
1. Price	75%
2. Quality of Prior Work	15%
3. Previous customer recommendations	10%

The contract award will be made to the bidder whose Bid receives the Committee's highest score following the final review.

The Committee reserves the right to request additional information from Bidders and to request clarification if needed.

**Marine Electronics Package
January 4, 2012**

**APPENDIX A
MAINE DEPARTMENT OF TRANSPORTATION
REQUEST FOR PROPOSALS
SCHEDULE OF ITEMS WORKSHEET**



**Maine State Ferry Service
Supply and Install Marine Electronics Packages**

➤ **MARINE ELECTRONICS PACKAGE SUPPLY PROPOSAL:**

EQUIPMENT	Quantity per Vessel	Unit Price	Total Fleet Quantity	Unit Cost for Fleet
Furuno FR8122 Radars	2	\$	12	\$
Furuno XN13A/6 Radar Antennas	2	\$	12	\$
Furuno ARP11 ARPA cards	2		12	
Furuno SC50 Satellite Compass w/interface cables to radars	1	\$	6	\$
Furuno GP150D GPS Receiver	1	\$	6	\$
Nobeltec Admiral 11 Pro Chart Software w/Jeppesen C-Map MAX Pro Charts for Bay of Fundy to Barnegat Bay, #NA-P006	1	\$	6	\$
Furuno FCV585 Echo Sounders w/Airmar 520-5MSD bronze thru hull dual frequency transducer & sufficient cabling for sounder to transducer	1	\$	6	\$
Standard Horizon Explorer GX1600 VHF Radios w/8 ft Shakespeare style 5225XT, 6db antennas & sufficient cabling	2	\$	12	\$
Furuno AIS FA150 Transponder w/interface cables to radar & Shakespeare 396-1-AIS Antenna	1	\$	6	\$
COMARK Marine Computer/Display Pilot House 19" Computer Series (#51-12100-103) with wireless mouse and keypad. compatible operating system and sufficient RAM & hard drive capacity for Nobeltec Admiral 11 Pro Chart Software and a 19" monitor	1	\$	6	\$

**Marine Electronics Package
January 4, 2012**

**APPENDIX A
MAINE DEPARTMENT OF TRANSPORTATION
REQUEST FOR PROPOSALS
SCHEDULE OF ITEMS WORKSHEET**

TOTAL SUPPLY PRICE→	\$
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➤ **MARINE ELECTRONICS PACKAGE SUPPLY PROPOSAL***

VESSEL	Estimated Man Hours for Complete Installation	x	Hourly** Rate	=	INSTALLATION PROPOSAL
M/V Governor Curtis		x		=	\$
M/V Everett Libby		x		=	\$
M/V Charles Philbrook		x		=	\$
M/V Neal Burgess		x		=	\$
M/V Margaret C. Smith		x		=	\$
M/V Henry Lee		x		=	\$
TOTAL PROJECT		x		=	\$

*Installation proposal to include all labor, overhead, travel, equipment and materials necessary to complete installation of new equipment and remove old equipment. Installation shall include moving all interferences (including, but not limited to, joinery, paint, electrical, plumbing, & mechanical) and restoring all interferences to original condition.

**Fully burdened hourly rate used as basis for Installation Proposal

TOTAL SUPPLY/INSTALLATION MARINE ELECTRONICS PACKAGE PROPOSAL

TOTAL INSTALLATION PRICE=	\$
TOTAL SUPPLY PRICE=	\$
TOTAL PROJECT COST=	\$