

ADDENDUM #10

KITSAP TRANSIT
Invitation for Bids
MV Finest Refurbishment
IFB #KT 17-591
February 8, 2018

60 Washington Ave. Ste.
200
Bremerton, WA 98337
Phone: 360.479.6962
Fax: 360.377.7086

www.kitsaptransit.org



Revision, Corrections and Additions

Revise: Exhibit A Section 7 “Exterior Hull, Superstructure and Painting” with Attached.

Revise Section includes Scopes of Work 7.9 Wheelhouse Railing and 7.10 Bow Modification.

All other terms and conditions remain the same.

END ADDENDUM 10

Please remember to acknowledge this addendum on your bid sheet.



SECTION 7 – EXTERIOR HULL, SUPERSTRUCTURE AND PAINTING

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7.1 Rub Rails

Split pipe rub rail sections along the hull sides that are damaged shall be removed and disposed of. New split pipe of the same diameter and wall thickness shall be installed in place of the removed sections, and in any location where sections are missing. *For bidding purposes, Contractor shall assume; 5” 6082-T6 aluminium 3/16” wall thickness one hundred (100) linear feet. Contractor to verify actual size before issuing purchase order.*

~~Contractor to replace all Along the vessel's bow any UHMW docking surfaces that are damaged or missing shall be replaced~~ with sections of the same size, thickness and density. *For bidding purposes, Contractor shall assume; black six (6) inch wide by one (1) inch thick black UHMW mounted with new stainless steel hardware, two hundred and fifty (250) linear feet. Contractor to verify actual size before issuing purchase order.*

7.2 Paint

All paints and paint materials shall be furnished and applied by the Contractor. The Contractor shall use only paints and paint materials from International Paint Co. or a Kitsap Transit-approved equal. A certified International Paint representative shall be on site during surface preparation and paint application to ensure compliance with their quality standards.

Except as specifically excluded by these specifications, all exterior aluminum surfaces shall be painted. If a location is not specifically identified by this section of the Specifications, the Contractor shall utilize the painting description of these Specifications most appropriate to the location.

The Contractor is responsible for verifying that paint products listed herein are acceptable for use in the regulatory jurisdictions where the work is undertaken.

Unless otherwise specified or approved by the manufacturer, paint and other coating materials shall not be thinned or altered in any manner by the Contractor. Surfaces shall be free of moisture before the application of coating materials.

All weld slag and weld splatter is to be ground off prior to abrasive blasting. Weld undercuts and weld pinholes are to be filled with weld material and ground smooth. Areas where temporary structure has been removed, is to be ground smooth and deep gouges are to be filled with weld and ground smooth.

All structural edges, rat holes, behind angle stiffeners, welds, and difficult areas to coat shall be stripe-coated prior to each full coat application.

Except for the minimum surface preparation requirements specified herein, all applications shall be in accordance with the manufacturer's instructions, supervision and approval.

Machinery or other equipment that is received from vendors, which does not meet coating requirements shall be thoroughly cleaned and finish coated by the Contractor.

Safe staging and adequate lighting shall be provided for inspection of surfaces and coating work.

Standard safety colors shall be used to distinguish fixtures and fittings which present a hazard.

Kitsap Transit shall approve all surface preparation prior to application of any coating, and shall inspect each coat prior to the application of the next coat. Areas found to contain runs, overspray, roughness, debris, sand, or other signs of improper application shall be stripped, re-primed and recoated at no additional cost to Kitsap Transit. Where minimum dry film thicknesses are specified herein, films will be checked by thickness gauge. In areas where this thickness is not developed, sufficient additional coats shall be applied until the required thickness is achieved.

No painting or coating shall be done under unfavorable weather conditions unless the work is well protected from such conditions, and then only with the specific approval of Kitsap Transit and the paint manufacturer's Authorized Representative.

The Contractor will ensure that any moisture boundaries previously applied in way of intermittent welds are restored to "as-new" condition after blasting. Moisture barriers shall be marine grade poly-urethane caulking approved by Kitsap Transit. The caulk bead shall be laid up at 45 degrees to the seam between the members, and shall be extruded to a depth between 3/8 inch and 5/8 inch to form a complete seal against moisture.

All fixtures and adjacent surfaces shall be properly protected during surface preparation and painting. Upon completion of the work all paint shall be removed from glass, plumbing fixtures, deck coverings, machinery surfaces, etc. All equipment, systems, structure, and spaces not specifically mentioned, or covered by these Specifications, shall be completed with the proper finish coatings to match the coatings on adjacent surroundings or in comparable spaces.

The Contractor shall prepare and submit a paint schedule to Kitsap Transit for review, comment, and approval. No painting shall be permitted before approval of the schedule. All paint colors shall be selected and approved by Kitsap Transit.

All two-component paint shall be stored at approximately 70° F for 8 hours prior to mixing.

Specific areas of the Vessel shall be prepared and coated as follows. Dry film thicknesses and number of coats shall be as specified in this section. All surfaces not specifically mentioned shall be prepared and coated to the paint manufacturer's recommendations and as approved by Kitsap Transit.

7.3 Surface Preparation - Exterior

The exterior hull surface from the keel up to the top deck, including all superstructure and bulwarks shall undergo the following surface preparation:

- A. Remove oil and grease, dirt, etc. by detergent wash.
- B. High-pressure wash or sand blast to SP-10 profile (bare metal).

All exterior decks shall undergo the following surface preparation:

- A. Remove oil, grease, dirt, etc. by detergent wash.
- B. High-pressure wash or sand blast to SP-6 profile. Use power tool to remove paint from edges that cannot be reached by wash or blast to SP-11 profile.

Kitsap Transit shall inspect and approve all prepared areas before the application of coatings.

7.4 Coating Applications - Exterior

Keel to 6 inches above the design load waterline including all exterior surfaces of underwater appendages, and sea chests:

<u>Product</u>	<u>Color</u>	<u>DFT (mils)</u>
A. Intershield 300V	Bronze	6.0
B. Intershield 300V	Aluminum	6.0
C. Intergard 263	Light Grey	4.0
D. Intersmooth 460 SPC	Dark Brown	5.0
E. Intersmooth 460 SPC	Black	5.0

Six inches above the design load waterline to main deck including bulwarks:

<u>Product</u>	<u>Color</u>	<u>DFT (mils)</u>
A. Intershield 300V	Bronze	4.0
B. Intershield 300V	Aluminum	4.0
C. Intergard 263	Light Grey	3.0
D. Interthane 990HS	White	1.5
E. Interthane 990HS	White	1.5

Superstructure, fittings, bulwarks, overheads, and all other normally painted surfaces except decks:

<u>Product</u>	<u>Color</u>	<u>DFT (mils)</u>
A. Intershield 300V	Aluminum	4.0
B. Intergard 263	Light Grey	3.0
C. Interthane 990HS	Varies	1.5
D. Interthane 990HS	Varies	1.5

All exterior decks *including the roof of the upper passenger lounge and wheelhouse:*

<u>Product</u>	<u>Color</u>	<u>DFT (mils)</u>
A. Intershield 300V	Bronze	3.0
B. Intershield 259	Grey	80
C. Intershield 349 medium grit non-skid	Haze Grey	(25 sq ft per gallon)
D. <i>Intershield 349 medium grit non-skid</i>	<i>White</i>	<i>(25 sq ft per gallon) roof paint</i>
E. Interthane 990 finish	Haze Grey	2.0

7.5 Piping, Machinery, and Electrical

Machinery and equipment in non-weather spaces shall retain the color and coating supplied by the factory provided that the coat is a finish coat, and shall not be further coated to match the above paint schemes in each area. Where machinery coating is damaged during construction, it shall be carefully feather edged and painted to match factory coating. Where equipment arrives at the Contractor's facility with only a factory-applied primer coat, then the equipment shall be coated with two full coats of Intercare 755 epoxy "white" at 3 mil DFT per coat.

Deck machinery and equipment installed in the weather, or in public spaces, shall be painted in accordance with color schemes approved by Kitsap Transit.

Electrical cable shall not be painted. Care shall be taken to mask all electrical cable to prevent coating and overspray.

Electrical components such as power distribution panels, motor control enclosures, junction boxes, etc. shall retain the color and coating as supplied from the factory provided that the coating is a finish coat. For components arriving at the Contractor's facility with only primer coats of finish, then they shall be coated with two (2) full coats of Intercare 755 white (3 mil DFT per coat). The Contractor shall protect and mask off factory lenses, switches, pushbuttons, label plates, etc. from damage by the coating.

7.6 Vessel Name and Hailing Port

The Vessel's name and current hailing port shall be repainted as directed by the Kitsap Transit Representative.

7.7 Company Logo

The Kitsap Transit Fast Ferries company logo shall be *supplied by Kitsap Transit and painted or* applied to the exterior of the Vessel as directed by the Kitsap Transit Representative. *A \$500 labor allowance is reflected on the Bid Form, any charges incurred above this amount must be approved by Kitsap Transit change order. Art work for the logo will be provided by Kitsap Transit.*

7.8 Cathodic Protection

The Contractor *shall inspect all existing zinc anodes and make recommendations for replacement to Kitsap Transit Representative. The Contractor shall also supply all materials, labor and*

equipment to install sixteen (16) new twelve pound (12#) strap style zinc anodes. The layout of the new anodes must be approved by Kitsap Transit Representative before installation.

7.9 Wheelhouse Railing

The Contractor will mount an anchor railing, of similar size and material as existing hand railing, on exterior of wheelhouse under windshields. Railing to run entire width of windshields. Railing to be used to provide a handhold for crew when traversing upper bow area. For bidding purposes, Contractor to assume thirty (30) linear feet of railing.

7.10 Bow Modification

The Contractor shall make the modification to the bow pictured below, both Starboard and Port. The Contractor will leave existing railing structure on interior of panels. For bidding purposes, the Contractor is to assume that Kitsap Transit will have obtained all USCG approvals necessary for this modification.

