

STATE OF ALASKA RFP NUMBER 2518S032
AMENDMENT NUMBER EIGHT (8)
MANDATORY RETURN AMENDMENT



AMENDMENT ISSUING OFFICE:

Department of Transportation & Public Facilities
Statewide procurement
P.O. Box 112500
(3132 Channel Drive, Room 310)
Juneau, Alaska 99811-2500

THIS IS NOT AN ORDER

DATE AMENDMENT ISSUED: April 9, 2018

RFP TITLE: AMHS Vessel Long Haul WAN Circuit Connections

This Amendment responds to questions from vendors.

1. **Q.** Would it be possible to add a section to 3.03.2.A for one time charges to activate the service?
A. A Word version of the amended Cost Proposal is included with this amendment to provide for the addition of activation charges to Section 3.03.2.A. Also, the most current copy of the Excel version of the Cost Proposal will be sent out, with the notice of this RFP amendment, to each vendor on the Registered Vendor list. If you are not on the Registered Offerors list, an Excel version of the most current copy of the Cost Proposal will be sent to any Offeror requesting it from the Procurement Officer.

If the Cost Proposal submitted by the Offeror is not the most current version of the Cost Proposal, they may be determined to be Non-Responsive and their proposal may be rejected.

2. **Q.** How do we show Hardware costs associated with the Dashboard required in Section 3.03.2.C?
A. While the WAN System Management Dashboard is required under Deliverable #3.03.2.C, the cost for the Dashboard will be accounted for under Maintenance & Support Deliverable #3.03.6 in the Cost Proposal. A column for Dashboard Costs is added to the amended Cost Proposal. Dashboard Costs shall include any required Hardware Costs, hardware installation charges and on-going monthly charges. Offerors must include, as an Addendum to their Cost Proposal, a per vessel listing showing the type and number of hardware units required for their solution and the unit and installation cost per vessel.
3. **Q.** Would you be able to add a deliverable field for the shipside Secondary WAN equipment under Deliverable #3.03.2.B?
A. The Cost Proposal for Deliverable #3.03.2.B is amended to include the shipside hardware that the Offeror will require for their Secondary WAN Connectivity solution.

If part of an Offeror's solution to Deliverable #3.03.2.B – Secondary WAN Connectivity is to install hardware on the vessels that will subsequently also be used for the solution to Deliverable #3.03.4 – Optional Solution – Mobile Device Connectivity Services, that hardware

must only be shown in the Cost Proposal under Deliverable #3.03.2.B, but stated in their Technical Proposal that this hardware will also provide for the solution to Deliverable #3.03.4.

4. **Q.** Deliverable #3.03.4 – Optional Solutions – Mobile Device Connectivity and the associated Attachments #10 - #14, identify a “Required Coverage” and a “Desired Coverage” connectivity areas. In the Cost Proposal you are not asking us to differentiate between these two coverage areas in pricing. Would you be able to provide fields for “Required Coverage” and “Desired Coverage” areas?
A. After the name of the Terminal that you chose to provide a solution for, place an (RC) for “Required Coverage” or a (DC) for “Desired Coverage” to differentiate which solution you are providing for, i.e., Juneau (DC), Kodiak (RC).
5. **Q.** Are you looking for two redundant systems that offer services up to 50 Mbps for each?
A. While that is a possible solution, the RFP does not require it and there are budget limits, as stated in Section 1.02 and Amendment #1. The Sustained Minimum Required Bandwidth for each vessel is stated in the spreadsheet in Section 3.03.1.M, as is the Minimum Service Window Bandwidth. These Bandwidth requirements apply to both redundant WAN connectivity solutions Offerors will provide.
6. **Q.** In reference to RFP, section 2.01, p. 10, the reference provides a list of the existing VSAT equipment in the Table, “Existing VSAT Equipment by Vessel.”
Question: Is the existing VSAT equipment for each vessel owned by Alaska DOT, and will the proposer be able to use this equipment to provide the VSAT service?
A. The State of Alaska owns the existing VSAT equipment on each vessel. The Successful Offeror will be able to use it. However, most of this equipment is at end of life. If the Offeror proposed to use VSAT as a method of providing WAN connectivity, the State of Alaska expects the proposal to include a refresh of the aging hardware, per RFP Section 3.03.11 Scheduled Life-Cycle Equipment Replacement.
7. **Q.** In reference to RFP, section 2.01, p. 10, Question: Is there existing equipment for the M/V Hubbasd1, M/V LeConte, MV Matanuska, MV Tazliina1 and Ketchikan Test Vehicle2 not included in the Table?
A. The existing VSAT equipment for the M/V LeConte and Matanuska are shown in that table. The Ketchikan Test Vessel is a lab setting at the AMHS Marine Engineering Facility in Ketchikan. It utilizes an old SeaTel 4006 antenna that resides in the parking lot. The site has been offline for sometime. The site is used for testing and troubleshooting. It is our intention to keep this site as low cost as possible, while providing a useful lab and troubleshooting toolset for both AMHS and the Successful Offeror.

The M/V Hubbard and Tazlina are under construction and are scheduled to go into revenue service together during the Spring of 2019. As stated in Table 3.03.1.M, “Only the antenna power and transmission cables and equipment racks will be in place for these vessels.” The purchase of the required hardware for these vessels will take place under the authority of RFP Sections 3.03.8 – Long Haul Equipment Purchase & Installation and Section 3.20 – Contract Change – Anticipated Amendments, paragraph three.

8. Q. In reference to RFP, Sections. 1.12 and 1.13, pp. 8-9, re “Pre-Proposal Conference.” Question: May we have a list of those who participated in the Pre-Proposal Conference held on March 14th?
- A. **There was no requirement for vendors to identify themselves during the Pre-Proposal Conference.**
9. Q. In reference to RFP, sects. 1.12 and 1.13, pp. 8-9, re “Pre-Proposal Conference.” Question: May we have a copy of any existing minutes of the Pre-Proposal Conference?
- A. **RFP Amendment #4 comprises the transcription from the Pre-Proposal Conference, with the Questions posed by the vendors and the answers to those questions.**

IMPORTANT NOTE:

Your proposal may be considered non-responsive if this amendment is not received by the issuing office along with your proposal, by the RFP Due Date & time.

John C. Wynne



Procurement Officer
PHONE: (907) 465-8878
EMAIL: john.wynne@alaska.gov

PRINTED NAME / TITLE

NAME OF COMPANY

SIGNATURE

DATE

RFP #2518S032 - COST PROPOSAL - AMENDMENT #8**Offeror Name:****DELIVERABLE #3.03.2.A VSAT WAN CONNECTIVITY****FY2018 MONTHLY VSAT WAN SATELLITE CONNECTIVITY SERVICE CHARGE**

Vessel	Months of Service	Unit Price	Activation Costs	Total Costs
M/V Aurora	1			
M/V Columbia	1			
FVF Chenega	1			
FVF Fairweather	1			
M/V Hubbard ¹				
M/V Kennicott	1			
M/V LeConte	1			
M/V Lituya	1			
M/V Malaspina	1			
M/V Matanuska	1			
M/V Tazliina ¹				
M/V Tustumena	1			
Ketchikan Test Vessel ²	1			
TOTAL COST FY2018 (June 2018)				

NOTE #1: The M/V Hubbard & Tazliina are scheduled to go into revenue service together in the Spring of 2019.

NOTE #2: The Ketchikan Test Vessel is the Lab site at the AMHS Marine Engineering Facility located at 7037 Tongass Highway, Ketchikan, AK.

FY2019 MONTHLY VSAT WAN SATELLITE CONNECTIVITY SERVICE CHARGE			
Vessel	Months of Service	Unit Price	Total Costs
M/V Aurora	12		
M/V Columbia	12		
FVF Chenega	12		
FVF Fairweather	12		
M/V Hubbard	3		
M/V Kennicott	12		
M/V LeConte	12		
M/V Lituya	12		
M/V Malaspina	12		
M/V Matanuska	12		
M/V Tazliina	3		
M/V Tustumena	12		
Ketchikan Test Vessel	12		
TOTAL COST FY2019 (July 2018 - June 2019)			

FY2020 MONTHLY VSAT WAN SATELLITE CONNECTIVITY SERVICE CHARGE			
Vessel	Months of Service	Unit Price	Total Costs
M/V Aurora	12		
M/V Columbia	12		
FVF Chenega	12		
FVF Fairweather	12		
M/V Hubbard	12		
M/V Kennicott	12		
M/V LeConte	12		
M/V Lituya	12		
M/V Malaspina	12		
M/V Matanuska	12		
M/V Tazliina	12		
M/V Tustumena	12		
Ketchikan Test Vessel	12		
TOTAL COST FY2020 (July 2019-June 2020)			

FY2021 MONTHLY VSAT WAN SATELLITE CONNECTIVITY SERVICE CHARGE			
Vessel	Months of Service	Unit Price	Total Costs
M/V Aurora	12		
M/V Columbia	12		
FVF Chenega	12		
FVF Fairweather	12		
M/V Hubbard	12		
M/V Kennicott	12		
M/V LeConte	12		
M/V Lituya	12		
M/V Malaspina	12		
M/V Matanuska	12		
M/V Tazliina	12		
M/V Tustumena	12		
Ketchikan Test Vessel	12		
TOTAL COST FY2021 (July 2020 - June 2021)			


FY2022 MONTHLY VSAT WAN SATELLITE CONNECTIVITY SERVICE CHARGE			
Vessel	Months of Service	Unit Price	Total Costs
M/V Aurora	12		
M/V Columbia	12		
FVF Chenega	12		
FVF Fairweather	12		
M/V Hubbard	12		
M/V Kennicott	12		
M/V LeConte	12		
M/V Lituya	12		
M/V Malaspina	12		
M/V Matanuska	12		
M/V Tazliina	12		
M/V Tustumena	12		
Ketchikan Test Vessel	12		
TOTAL COST FY2022 (July 2021 - June 2022)			

FY2023 MONTHLY VSAT WAN SATELLITE CONNECTIVITY SERVICE CHARGE			
Vessel	Months of Service	Unit Price	Total Costs
M/V Aurora	12		
M/V Columbia	12		
FVF Chenega	12		
FVF Fairweather	12		
M/V Hubbard	12		
M/V Kennicott	12		
M/V LeConte	12		
M/V Lituya	12		
M/V Malaspina	12		
M/V Matanuska	12		
M/V Tazliina	12		
M/V Tustumena	12		
Ketchikan Test Vessel	12		
TOTAL COST FY2023 (July 2022 - June 2023)			

FY2024 MONTHLY VSAT WAN SATELLITE CONNECTIVITY SERVICE CHARGE			
Vessel	Months of Service	Unit Price	Total Costs
M/V Aurora	12		
M/V Columbia	12		
FVF Chenega	12		
FVF Fairweather	12		
M/V Hubbard	12		
M/V Kennicott	12		
M/V LeConte	12		
M/V Lituya	12		
M/V Malaspina	12		
M/V Matanuska	12		
M/V Tazliina	12		
M/V Tustumena	12		
Ketchikan Test Vessel	12		
TOTAL COST FY2024 (July 2023 - June 2024)			

TOTAL COST OF VSAT WAN SATELLITE CONNECTIVITY ANNUAL SERVICE CHARGES - DELIVERABLE #3.03.2.A			
Calendar Year	Activation (Implementation) Costs	Annual Costs	TOTAL COSTS
FY2018 TOTAL COSTS			
FY2019 TOTAL COSTS			
FY2020 TOTAL COSTS			
FY2021 TOTAL COSTS			
FY2022 TOTAL COSTS			
FY2023 TOTAL COSTS			
FY2024 TOTAL COSTS			
DELIVERABLE #3.03.2.A TOTAL COSTS OF WAN VSAT SATELLITE CONNECTIVITY SERVICE			

DELIVERABLE #3.03.2.B SECONDARY WAN CONNECTIVITY				
SHORESIDE HARDWARE & IMPLEMENTATION COSTS				
TERMINAL NAME PRIORITY #1 SITES ¹	IMPLEMENTATIO N DESIGN COSTS	IMPLEMENTATION ONE TIME COSTS ^{2,4}	ANNUAL COSTS (If Any) ³	TOTAL COSTS
Ketchikan / Vigor				
Auke Bay (Juneau)				
Whittier				
Kodiak				
Bellingham, WA				
Haines				
Skagway				
TOTAL PRIORITY #1 SITE COSTS				
Design Hourly Rate ⁵ =				
Installation Hourly Rate ⁵ =				
NOTE #1: Priority #1 sites shall be implemented no later than June 30, 2019.				
NOTE #2: Offerors must also include, <i>as an addendum to the Cost Proposal</i> , an itemized list of all associated one-time hardware, with costs.				
NOTE #3: Offerors must list what the annual costs are, if any.				
NOTE #4: Travel costs will be reimbursed per Section 3.24 - General Specifications - Travel Reimbursement.				
NOTE #5: The Total Costs will be used to award the Cost Points in Section 5.09. The Hourly Rates will become part of the contract.				

DELIVERABLE #3.03.3 - VoIP TELEPHONY SERVICES		
CHECK BELOW  WHICH VoIP PLAN OFFERED		
VoIP Purchase Plan		VoIP Lease Plan
VoIP EQUIPMENT PURCHASE COST, <i>if OFFERING A PURCHASE PLAN</i>¹		
Vessel	VoIP Equipment Implementation Purchase Cost by Vessel	Total Cost²
M/V Aurora		
M/V Columbia		
FVF Chenega		
FVF Fairweather		
M/V Hubbard		
M/V Kennicott		
M/V LeConte		
M/V Lituya		
M/V Malaspina		
M/V Matanuska		
M/V Tazliina		
M/V Tustumena		
TOTAL PURCHASE COST		
NOTE #1: Offeror must provide make & model numbers & number of VoIP units to be purchased, by vessel within the proposal. <u>Costs can only appear within the Cost Proposal.</u>		
NOTE #2: Monthly lease costs will be stated below.		

FY2018 MONTHLY VoIP TELEPHONY SERVICES SERVICE CHARGES				
Vessel	Months of Service	Purchase or Lease Monthly Service Unit Cost	Monthly Equipment Lease Cost	Total Monthly Costs
M/V Aurora	1			\$0.00
M/V Columbia	1			\$0.00
FVF Chenega	1			\$0.00
FVF Fairweather	1			\$0.00
M/V Hubbard ¹				
M/V Kennicott	1			
M/V LeConte	1			
M/V Lituya	1			
M/V Malaspina	1			
M/V Matanuska	1			
M/V Tazliina ¹				
M/V Tustumena	1		-	
TOTAL COST FY2018 (June 2018)				
NOTE #1: The M/V Hubbard & Tazliina are scheduled to go into revenue service in the Spring of 2019.				
NOTE: If offering a VoIP equipment lease package, the monthly service charge shall be shown separate from the Monthly Equipment Lease Cost.				

FY2019 MONTHLY VoIP TELEPHONY SERVICES SERVICE CHARGES				
Vessel	Months of Service	Purchase or Lease Monthly Service Unit Cost	Lease Monthly Equipment Cost	Total Monthly Costs
M/V Aurora	12			
M/V Columbia	12			
FVF Chenega	12			
FVF Fairweather	12			
M/V Hubbard	3			
M/V Kennicott	12			
M/V LeConte	12			
M/V Lituya	12			
M/V Malaspina	12			
M/V Matanuska	12			
M/V Tazliina	3			
M/V Tustumena	12		-	
COST FY2019 (July 2018 - June 2019)				

FY2020 MONTHLY VoIP TELEPHONY SERVICES SERVICE CHARGES				
Vessel	Months of Service	Purchase or Lease Monthly Service Unit Cost	Lease Monthly Equipment Cost	Total Price
M/V Aurora	12			
M/V Columbia	12			
FVF Chenega	12			
FVF Fairweather	12			
M/V Hubbard	12			
M/V Kennicott	12			
M/V LeConte	12			
M/V Lituya	12			
M/V Malaspina	12			
M/V Matanuska	12			
M/V Tazliina	12			
M/V Tustumena	12		-	
COST FY2020 (July 2019 - June 2020)				

FY2021 MONTHLY VoIP TELEPHONY SERVICES SERVICE CHARGES				
Vessel	Months of Service	Purchase or Lease Monthly Service Unit Cost	Lease Monthly Equipment Cost	Total Price
M/V Aurora	12			
M/V Columbia	12			
FVF Chenega	12			
FVF Fairweather	12			
M/V Hubbard	12			
M/V Kennicott	12			
M/V LeConte	12			
M/V Lituya	12			
M/V Malaspina	12			
M/V Matanuska	12			
M/V Tazliina	12			
M/V Tustumena	12		-	
COST FY2021 (July 2020-June 2021)				

FY2022 MONTHLY VoIP TELEPHONY SERVICES SERVICE CHARGES				
Vessel	Months of Service	Purchase or Lease Monthly Service Unit Cost	Lease Monthly Equipment Cost	Total Price
M/V Aurora	12			
M/V Columbia	12			
FVF Chenega	12			
FVF Fairweather	12			
M/V Hubbard	12			
M/V Kennicott	12			
M/V LeConte	12			
M/V Lituya	12			
M/V Malaspina	12			
M/V Matanuska	12			
M/V Tazliina	12			
M/V Tustumena	12		-	
COST FY2022 (July 2021 - June 2022)				

FY2023 MONTHLY VoIP TELEPHONY SERVICES SERVICE CHARGES				
Vessel	Months of Service	Purchase or Lease Monthly Service Unit Cost	Lease Monthly Equipment Cost	Total Price
M/V Aurora	12			
M/V Columbia	12			
FVF Chenega	12			
FVF Fairweather	12			
M/V Hubbard	12			
M/V Kennicott	12			
M/V LeConte	12			
M/V Lituya	12			
M/V Malaspina	12			
M/V Matanuska	12			
M/V Tazliina	12			
M/V Tustumena	12		-	
COST FY2023 (July 2022 - June 2023)				

FY2024 MONTHLY VoIP TELEPHONY SERVICES SERVICE CHARGES				
Vessel	Months of Service	Purchase or Lease Monthly Service Unit Cost	Lease Monthly Equipment Cost	Total Price
M/V Aurora	12			
M/V Columbia	12			
FVF Chenega	12			
FVF Fairweather	12			
M/V Hubbard	12			
M/V Kennicott	12			
M/V LeConte	12			
M/V Lituya	12			
M/V Malaspina	12			
M/V Matanuska	12			
M/V Tazliina	12			
M/V Tustumena	12		-	
COST FY2024 (July 2023 - June 2024)				

TOTAL COST OF VoIP TELEPHONY SERVICES ANNUAL SERVICE CHARGES - DELIVERABLE #3.03.3	
Contract Year	TOTAL ANNUAL COSTS
Implementation Costs	
FY2018 Annual VoIP Telephony Cost	
FY2019 Annual VoIP Telephony Cost	
FY2020 Annual VoIP Telephony Cost	
FY2021 Annual VoIP Telephony Cost	
FY2022 Annual VoIP Telephony Cost	
FY2023 Annual VoIP Telephony Cost	
FY2024 Annual VoIP Telephony Cost	
DELIVERABLE #3.03.3 TOTAL COST OF VoIP TELEPHONY SERVICES - ALL YEARS	

DELIVERABLE #3.03.4 OPTIONAL SOLUTIONS - MOBILE DEVICE CONNECTIVITY SERVICES				
MOBILE DEVICE EQUIPMENT SOLUTION COSTS - SCENARIO A TERMNALS¹				
TERMINAL^{2,3}	IMPLEMENTATION DESIGN COSTS	IMPLEMENTATION ONE-TIME COSTS⁴	ANNUAL COSTS (If Any)	TOTAL COSTS SCENARIO A
Terminal Name ()				
Terminal Name ()				
Terminal Name ()				
TOTAL COSTS				
Design Hourly Rate =				
Installation Hourly Rate =				
<p>NOTE #1: Offeror's who chose to bid on this Optional Solutions Deliverable must provide a solution cost for three (3) terminals under each scenario. While the Total Cost will not be included in the calculation of the Total Project Cost to award points, the Hourly Rates and one-time equipment costs will become part of the resulting contract, should the contract award go to that contractor. Up to 20 Evaluation points will be awarded Offeror's who can provide the Mobile Connectivity Solution Option, per Section 5.08 - Minimum Solution Req. #13.</p>				
<p>NOTE #2: Offerors must name the Terminal location from the list of page #19 of the RFP and identity it in the bid.</p>				
<p>NOTE #3: Per Section 3.03.4, Offerors must identify, after the Terminal Name, whether the solution they are pricing for is a "Required Coverage" (R) or a "Desired Coverage" (D) area [i.e. Juneau (D) or Kodiak (R)].</p>				
<p>NOTE #4: Offerors must include, as an Addendum to the Cost Proposal, an itemized list of all associated one-time equipment, with costs and annual costs required for each terminal.</p>				

**DELIVERABLE #3.03.4 OPTIONAL SOLUTIONS -
MOBILE DEVICE CONNECTIVITY SERVICES**

MOBILE DEVICE EQUIPMENT SOLUTION COSTS - SCENARIO B TERMINALS¹

TERMINAL^{2,3}	IMPLEMENTATION DESIGN COSTS	IMPLEMENTATION ONE-TIME COSTS⁴	ANNUAL COSTS (If Any)	TOTAL COSTS SCENARIO B
Terminal Name ()				
Terminal Name ()				
Terminal Name ()				
TOTAL COSTS				

NOTE #1: Offeror's who chose to bid on this Optional Solutions Deliverable must provide a solution cost for three (3) terminals under each scenario. While the Total Cost will not be included in the calculation of the Total Project Cost to award points, the Hourly Rates and one-time equipment costs will become part of the resulting contract, should the contract award go to that contractor. Up to 20 Evaluation points will be awarded Offeror's who can provide the Mobile Connectivity Solution Option, per Section 5.08 - Minimum Solution Req. #13.

NOTE #2: Offerors must name the Terminal location from the list of page #19 of the RFP and identify it in the bid.

NOTE #3: Per Section 3.03.4, Offerors must identify, after the Terminal Name, whether the solution they are pricing for is a "Required Coverage" (R) or a "Desired Coverage" (D) area [i.e. Juneau (D) or Kodiak (R)].

NOTE #4: Offerors must include, as an Addendum to the Cost Proposal, an itemized list of all associated one-time equipment, with costs and annual costs required for each terminal.

DELIVERABLE #3.03.4 OPTIONAL SOLUTIONS - MOBILE DEVICE CONNECTIVITY SERVICES				
MOBILE DEVICE EQUIPMENT SOLUTION COSTS - SCENARIO C TERMINALS¹				
TERMINAL^{2,3}	IMPLEMENTATION DESIGN COSTS	IMPLEMENTATION ONE-TIME COSTS⁴	ANNUAL COSTS (If Any)	TOTAL COSTS SCENARIO C
Terminal Name ()				
Terminal Name ()				
Terminal Name ()				
TOTAL COSTS				
<p>NOTE #1: Offeror's who chose to bid on this Optional Solutions Deliverable must provide a solution cost for three (3) terminals under each scenario. While the Total Cost will not be included in the calculation of the Total Project Cost to award points, the Hourly Rates and one-time equipment costs will become part of the resulting contract, should the contract award go to that contractor. Up to 20 Evaluation points will be awarded Offeror's who can provide the Mobile Connectivity Solution Option, per Section 5.08 - Minimum Solution Req. #13.</p>				
<p>NOTE #2: Offerors must name the Terminal location from the list of page #19 of the RFP and identify it in the bid.</p>				
<p>NOTE #3: Per Section 3.03.4, Offerors must identify, after the Terminal Name, whether the solution they are pricing for is a "Required Coverage" (R) or a "Desired Coverage" (D) area [i.e. Juneau (DC) or Kodiak (RC)].</p>				
<p>NOTE #4: Offerors must include, as an Addendum to the Cost Proposal, an itemized list of all associated one-time equipment, with costs and annual costs required for each terminal.</p>				

DELIVERABLE #3.03.4 OPTIONAL SOLUTIONS - MOBILE DEVICE CONNECTIVITY SERVICES - ALL SCENARIOS - TOTAL COST ESTIMATE		
SCENARIO		TOTAL COST ALL SCENARIOS
Scenario A Terminals		
Scenario B Terminals		
Scenario C Terminals		
DELIVERABLE #3.03.4 OPTIONAL SOLUTION - MOBILE DEVICE EQUIPMENT SOLUTION ALL SCENARIOS - TOTAL COST ESTIMATE		

DELIVERABLES #3.03.6 MAINTENANCE & SUPPORT - PREVENTIVE MAINTENANCE (PM) & #3.03.2.C WAN SYSTEM MANAGEMENT DASHBOARD				
Vessel	Six (6) Month PM ^{2,4} Costs	Annual PM ⁴ Costs	Dashboard Costs ^{2,4,5}	Total All PM & Dashboard Costs
M/V Aurora				
M/V Columbia				
FVF Chenega				
FVF Fairweather				
M/V Hubbard ¹				
M/V Kennicott				
M/V LeConte				
M/V Lituya				
M/V Malaspina				
M/V Matanuska				
M/V Tazliina ¹				
M/V Tustumena				
Ketchikan Test Vessel				
TOTAL ALL COSTS FY2019				
PM Technician Hourly Rate ³ =				
PM System Engineer Hourly Rate ³ =				
NOTE #1: The M/V Hubbard & Tazlina are scheduled to go into revenue service together in the Spring of 2019.				
NOTE #2: Assume for the purposes of this Cost Proposal that all PM & Dashboard work will take place in Ketchikan, AK. Some PM & Dashboard work may require travel to other AMHS ports.				
NOTE #3: The PM costs will be used to award the Cost Points in Section 5.09. The Hourly Rates will become part of the contract.				
NOTE #4: See Section 3.24 General Specifications - Travel Reimbursement for allowable travel costs.				
NOTE #5: Dashboard costs shall include any required hardware costs, hardware installation charges and on-going monthly charges. Offerors must include, as an addendum to their Cost Proposal , a per vessel listing showing the type & number of any hardware required and the unit & Installation costs per vessel.				

FY2020 MAINTENANCE & SUPPORT - PREVENTIVE MAINTENANCE ANNUAL COSTS				
Vessel	Six (6) Month PM^{2,4} Costs	Annual PM⁴ Costs	Dashboard Costs^{2,4,5}	Total All PM & Dashboard Costs
M/V Aurora				
M/V Columbia				
FVF Chenega				
FVF Fairweather				
M/V Hubbard				
M/V Kennicott				
M/V LeConte				
M/V Lituya				
M/V Malaspina				
M/V Matanuska				
M/V Tazliina				
M/V Tustumena				
Ketchikan Test Vessel				
TOTAL ALL COSTS FY2020				

FY2021 MAINTENANCE & SUPPORT - PREVENTIVE MAINTENANCE ANNUAL COSTS				
Vessel	Six (6) Month PM^{2,4} Costs	Annual PM⁴ Costs	Dashboard Costs^{2,4,5}	Total All PM & Dashboard Costs
M/V Aurora				
M/V Columbia				
FVF Chenega				
FVF Fairweather				
M/V Hubbard				
M/V Kennicott				
M/V LeConte				
M/V Lituya				
M/V Malaspina				
M/V Matanuska				
M/V Tazliina				
M/V Tustumena				
Ketchikan Test Vessel				
TOTAL ALL COSTS FY2021				

FY2022 MAINTENANCE & SUPPORT - PREVENTIVE MAINTENANCE ANNUAL COSTS				
Vessel	Six (6) Month PM^{2,4} Costs	Annual PM⁴ Costs	Dashboard Costs^{2,4,5}	Total All PM & Dashboard Costs
M/V Aurora				
M/V Columbia				
FVF Chenega				
FVF Fairweather				
M/V Hubbard				
M/V Kennicott				
M/V LeConte				
M/V Lituya				
M/V Malaspina				
M/V Matanuska				
M/V Tazlina				
M/V Tustumena				
Ketchikan Test Vessel				
TOTAL ALL COSTS FY2022				

FY2023 MAINTENANCE & SUPPORT - PREVENTIVE MAINTENANCE ANNUAL COSTS				
Vessel	Six (6) Month PM^{2,4} Costs	Annual PM⁴ Costs	Dashboard Costs^{2,4,5}	Total All PM & Dashboard Costs
M/V Aurora				
M/V Columbia				
FVF Chenega				
FVF Fairweather				
M/V Hubbard				
M/V Kennicott				
M/V LeConte				
M/V Lituya				
M/V Malaspina				
M/V Matanuska				
M/V Tazliina				
M/V Tustumena				
Ketchikan Test Vessel				
TOTAL ALL COSTS FY2023				

FY2024 MAINTENANCE & SUPPORT - PREVENTIVE MAINTENANCE ANNUAL COSTS				
Vessel	Six (6) Month PM^{2,4} Costs	Annual PM⁴ Costs	Dashboard Costs^{2,4,5}	Total All PM & Dashboard Costs
M/V Aurora				
M/V Columbia				
FVF Chenega				
FVF Fairweather				
M/V Hubbard				
M/V Kennicott				
M/V LeConte				
M/V Lituya				
M/V Malaspina				
M/V Matanuska				
M/V Tazliina				
M/V Tustumena				
Ketchikan Test Vessel				
TOTAL ALL COSTS FY2024				

DELIVERABLE #3.03.6 - TOTAL COST MAINTENANCE & SUPPORT - PREVENTIVE MAINTENANCE & #3.03.2.C WAN SYSTEM MANAGEMENT DASHBOARD	
Contract Year	TOTAL ALL PM & DASHBOARD COSTS
FY2019 Total All PM & Dashboard Costs	
FY2020 Total All PM & Dashboard Costs	
FY2021 Total All PM & Dashboard Costs	
FY2022 Total All PM & Dashboard Costs	
FY2023 Total All PM & Dashboard Costs	
FY2024 Total All PM & Dashboard Costs	
DELIVERABLE #3.03.6 TOTAL COST OF MAINTENANCE & SUPPORT SERVICES - ALL CALENDAR YEARS	

DELIVERABLE #3.03.7 VSAT/WAN SYSTEM DESIGN by VESSEL / LOCATION	
Vessel	DESIGN IMPLEMENTATION COSTS
M/V Aurora	
M/V Columbia	
FVF Chenega	
FVF Fairweather	
M/V Hubbard ¹	
M/V Kennicott	
M/V LeConte	
M/V Lituya	
M/V Malaspina	
M/V Matanuska	
M/V Tazliina ¹	
M/V Tustumena	
Ketchikan Test Vessel	
DELIVERABLE #3.03.7 TOTAL COST VSAT/WAN SYSTEM DESIGN IMPLEMENTATION	
NOTE #1: The M/V Hubbard & Tazlina are scheduled to go into revenue service together in the Spring of 2019.	

DELIVERABLE #3.03.8 LONG HAUL EQUIPMENT PURCHASE & INSTALLATION		
Installation Hours¹	Hourly Rate¹	Total Cost¹
100		
Deliverable #3.03.8 Long Haul Equipment Purchase & Installation Total Costs		
NOTE #1: The number of installation hours used and the resulting Total Cost is for evaluation purposes only to award the Cost Points in Section 5.09. The Hourly Rate stated will become part of the contract.		

DELIVERABLE #3.03.9 DOCKSIDE SYSTEM ACCEPTANCE TESTING Per VESSEL		
ITEM	RATE/HOUR	COSTS
24 Hours Labor		
Airfare (<u>To Ketchikan, AK</u>)		
Car Rental		
Lodging		
TOTAL COST PER EACH VESSEL		
NOTE: The hours and costs stated above will be used for Evaluation Purposes Only to award the Cost Points in Section 5.09, while the hourly rate will become part of the contract.		
NOTE: See Section 3.24 General Specifications - Travel Reimbursement for allowable travel costs.		

DELIVERABLE #3.03.9 ENROUTE SYSTEM ACCEPTANCE TESTING Per VESSEL		
ITEM	RATE/HOUR	COSTS
24 Hours Labor		
Airfare (<u>To Ketchikan, AK</u>)		
Car Rental		
Lodging		
TOTAL COST PER EACH VESSEL		
NOTE: The hours and costs stated above will be used for Evaluation Purposes Only to award the Cost Points in Section 5.09, while the hourly rate will become part of the contract.		
NOTE: See Section 3.24 General Specifications - Travel Reimbursement for allowable travel costs.		

DELIVERABLE #3.03.9 SYSTEM ACCEPTANCE TESTING TOTAL COSTS			
Vessel	Dockside System Acceptance Testing Implementation Costs	Enroute System Acceptance Testing Implementation Costs	TOTAL SYSTEM ACCEPTANCE TESTING IMPLEMENTATION COSTS
M/V Aurora			
M/V Columbia			
FVF Chenega			
FVF Fairweather			
M/V Hubbard ¹			
M/V Kennicott			
M/V LeConte			
M/V Lituya			
M/V Malaspina			
M/V Matanuska			
M/V Tazliina ¹			
M/V Tustumena			
DELIVERABLE #3.03.9 SYSTEM ACCEPTANCE TESTING TOTAL IMPLEMENTATION COSTS			
NOTE #1: The M/V Hubbard & Tazlina are scheduled to go into revenue service together in the Spring of 2019.			

DELIVERABLE #3.03.9 HOURS REQUIRED FOR SYSTEM ACCEPTANCE TESTING & TERRAIN BLOCKAGE MAPPING			
Vessel	Dockside System Acceptance Testing Hours	Enroute System Acceptance Testing Hours	Mapping of Terrain Blockage Zones Hours
M/V Aurora			
M/V Columbia			
FVF Chenega			
FVF Fairweather			
M/V Hubbard			
M/V Kennicott			
M/V LeConte			
M/V Lituya			
M/V Malaspina			
M/V Matanuska			
M/V Tazliina			
M/V Tustumena			
Ketchikan Test Vessel			
TOTAL ACCEPTANCE TESTING HOURS REQUIRED			
NOTE: For the contract, Acceptance Testing and Mapping will not exceed the number of hours as stated above.			

DELIVERABLE #3.03.10 TECHNICAL TRAINING		
ITEM		TOTAL TRAINING IMPLEMENTATION COST
Two (2) 8 Hour Days Training Labor ¹		
Airfare (To Ketchikan, AK)		
Car Rental		
Lodging		
13 Training manuals, with one (1) CD each, and web-Based Training		
DELIVERABLE #3.03.10 TECHNICAL TRAINING TOTAL IMPLEMENTATION COSTS²		
Training Hourly Rate =		
NOTE #1: Training will be held in Ketchikan, AK, unless otherwise stated in the contract.		
NOTE #2: Training Costs will not exceed the amount shown.		
DELIVERABLE #3.03.11 SCHEDULED LIFE-CYCLE EQUIPMENT REPLACEMENT		
Installation Hours¹	Hourly Rate¹	Total Cost¹
100		
Deliverable #3.03.11 Scheduled Life-Cycle Equipment Replacement Total Costs		
NOTE #1: The number of installation hours used and the resulting Total Cost is for evaluation purposes only to award the Cost Points in Section 5.09. The Hourly Rate stated will become part of the contract.		

RFP #2518S032 AMHS LONG HAUL CIRCUIT CONNECTIONS - COST PROPOSAL - TOTAL PROJECT COST ALL DELIVERABLES				
DELIVERABLE #	DELIVERABLE NAME	IMPLEMENTATION COSTS	ANNUAL AND OTHER COSTS	TOTAL COSTS ALL DELIVERABLES - ALL YEARS
3.03.2.A	WAN SERVICE - VSAT CONNECTIVITY			
3.03.2.B	WAN SERVICES - SECONDARY WAN CONNECTIVITY			
3.03.2.C	WAN - SYSTEM MANAGEMENT DASHBOARD			
3.03.3	VoIP TELEPHONY SERVICES			
3.03.6	MAINTENANCE & SUPPORT			
3.03.7	SYSTEM DESIGN SOLUTIONS			
3.03.8	LONG HAUL EQUIPMENT PURCHASE & INSTALLATION			
3.03.9	SYSTEM ACCEPTANCE TESTING			
3.03.10	TECHNICAL TRAINING			
3.03.11	SCHEDULED LIFE-CYCLE EQUIPMENT REPLACEMENT			
TOTAL PROJECT COST ALL DELIVERABLES - ALL YEARS ¹				
NOTE: The Cost Points in Section 5.09 will be awarded based upon the above TOTAL PROJECT COST ALL DELIVERABLES - ALL YEARS.				

NOTE: An Excel version of the Cost Proposal will be sent by the Procurement Officer, upon request.