

Alaska Department of Transportation & Public Facilities REQUEST FOR PROPOSALS PACKAGE

(Procurement per Article 3 of AS 36.30)

PART

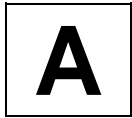


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ISSUING OFFICE

Agency Contact & Phone No.....: Vanda Randolph, Regional Contracts Officer, (907) 465-4489
 Contracting Division: State of Alaska, Department of Transportation and Public Facilities,
 Southcoast Region, Design and Engineering Services

PROJECT

RFP NUMBER : **25183007**
 Project Numbers-State/Federal..... : **SAMHS00147/9500(143)**
 Project Site (City, Village, etc.)..... : **AMHS Fery Fleet**
 Project Title & Contract Description : **AMHS Replacement of the Controllable Pitch Propeller System (CPP)
 (M/V Columbia)**

The consultant shall provide professional design and engineering services to (1) prepare a Design Study Report (DSR), (2) Develop and Assemble Plans, Specifications and Estimates (PS&E) for competitive bidding, and (3) provide engineering and inspection support during bid advertising and construction.

SCHEDULE & PAYMENT

Anticipated period for performance-Begin/End: December 15, 2017 through April 30, 2019.

Estimated amount of proposed contract:

- | | | |
|--|---|---|
| <input type="checkbox"/> Less than \$200,000 | <input type="checkbox"/> \$200,000 to \$250,000 | <input type="checkbox"/> \$1,000,000 or greater |
| <input checked="" type="checkbox"/> \$250,000 to \$500,000 | <input type="checkbox"/> \$500,000 to \$1,000,000 | |

Proposed Method(s) of Payment:

- | | | |
|---|--|---|
| <input type="checkbox"/> Fixed Price Plus Expenses (FPPE) | <input checked="" type="checkbox"/> Firm Fixed Price (FFP) | <input type="checkbox"/> Cost Plus Fixed Fee (CPFF) |
| | <input type="checkbox"/> Other: Time and Expenses | |

SUBMITTAL DEADLINE AND LOCATION

*OFFERORS ARE RESPONSIBLE TO ASSURE DELIVERY PRIOR TO DEADLINE (2 AAC 12.250).
 ONLY PROPOSALS RECEIVED PRIOR TO THE FOLLOWING DATE AND TIME WILL BE OPENED.*

DATE: November 14, 2017 **PREVAILING TIME: 4:00 PM**

HAND DELIVER ONLY DIRECTLY TO FOLLOWING LOCATION (and person, if named):

ATTN: Vanda Randolph
 Regional Contracts Officer
 Department of Transportation and Public Facilities
 6860 Glacier Highway
 Juneau, AK 99801-7999

(When submitting proposals, please make sure to identify the project title and the RFP number on the outer envelope of the submittal package.)

IMPORTANT NOTICE: If you downloaded this solicitation from the State's Website, you must register with the Southeast Region Plans room to be placed on the planholders list and to receive subsequent addenda. Failure to register may adversely affect your proposal. It is the Offeror's responsibility to insure that he has received all addenda affecting this RFP. To be registered, e-mail: cody.salter@alaska.gov or fax (907) 465-4238 and provide the project name & number, company name & contact person, address, phone number & fax number.

SELECTION PROCEDURE

1. Competitive Sealed Proposals will be evaluated by a committee (2 AAC 12, Article 4). Evaluation of responses to criteria set forth in Part C results in a numerical score for each proposal. Each criterion in Part C has an assigned weight for this RFP which demonstrates its relative importance. The total of all weights is 100 (100%). Each one-percent weight equates to a range of 0-5 points per Evaluator. The maximum points (score) obtainable for any proposal is equal to the product of 500 multiplied by the number of Evaluators.
2. Scoring of proposals will be accomplished as follows:
 - 2.1 Each Evaluator will individually read and rate each Offeror's response to each criterion described in Part C - Section I - Technical Proposal. Ratings will be based solely on contents of proposal and in compliance with the Contracting Agency's standard Instructions for Evaluation Committee. Except as may be stated within any criterion description in Part C, a rating of "5" = Best Response from all Offerors; "4" to "1" = Progressively Less Responsive; "0" = Non-Responsive. Ratings are multiplied by the assigned weights for each criterion to obtain criteria scores.
 - 2.2 After completion of individual ratings in Part C, Section 1, Technical Proposal, the Evaluation Committee will meet to discuss proposals. Evaluators may then alter their ratings; however, any changes shall be based solely on the criteria set forth in Part C.
 - 2.2 After scoring Part C - Section I - Technical Proposal, criteria scores for Part C - Section II - Preferences, and Section III - Price (if applicable), will be calculated based on criteria descriptions.
 - 2.4 The total score for each Offeror will be obtained by summing the scores determined for each criterion in Sections I, II and III of Part C. The order of ranking for negotiations shall be as follows: highest scored Offeror will be ranked first, next highest scored second, and etcetera.
3. Evaluators may discuss factual knowledge of, and may investigate Offerors' and proposed Subcontractors' prior work experience and performance, including projects referenced in proposal, available written evaluations, etcetera, and may contact listed references or other persons knowledgeable of a Contractor's and/or a Subcontractor's past performance. Factors such as overall experience relative to the proposed contract, quality of work, control of cost, and ability to meet schedules may be addressed. If any issues of significant concern to the proposed contract are discovered, the Committee may:
 - 3.1 Provide written recommendations for consideration during contract negotiations;
 - 3.2 Conduct discussions in accordance with paragraph 4, below.
4. The Committee may decide to conduct discussions (or "interviews") with responsible Offerors whose proposals are determined to be reasonably susceptible of being selected for award for the purpose of clarification to assure full understanding of, and responsiveness to, the solicitation requirements (AS 36.30.240 & 2 AAC 12.290). Offerors selected by the Committee for discussions may be permitted to submit Best and Final Offers (BAFO) for final Committee Evaluation. After discussions and any BAFO's, Evaluators will determine the final scoring and ranking for contract negotiations by evaluating written and oral responses using only the criteria set forth in Part C of this RFP (2 AAC 12.260(b)).
5. All Offerors will be advised of the Offeror selected for negotiation and, after completion of negotiations, a Notice of Intent to Award will be provided to all Offerors. If contract negotiations are unsuccessful with Offeror(s) selected for negotiation, the Contracting Agency may either cancel the solicitation or negotiate with other Offerors in the order of ranking.

NOTICES

PART

A

1. The Contracting Agency is an equal opportunity employer.
2. Copies of contract documents are available for review at the Contracting Agency's office. Offerors located outside the general vicinity of the Contracting Agency's office may telephone the Agency Contact identified on page one of this Part A for a discussion of such items.

General Conditions of the Professional Services Agreement are contained in the Small Procurement Standard Provisions Booklet, which is located on the Department's website under "Procurement".

The General Conditions are the **same** for both Competitive Sealed Proposals and Small Procurements.

3. Offerors are specifically advised that a contract shall not be in effect until a written agreement is executed by an authorized agent of the Contracting Agency. The Contracting Agency shall not be liable for any cost incurred by an Offeror in response to this solicitation, including any work done, even in good faith, prior to execution of a contract and issuance of a Notice to Proceed.

4. The Contracting Agency expressly reserves the right to waive minor informalities, negotiate changes or reject any and all proposals and to not award the proposed contract, if in its best interest. "Minor Informalities" means matters of form rather than substance which are evident from the submittal, or are insignificant matters that have a negligible effect on price, quantity, quality, delivery, or contractual conditions and can be waived or corrected without prejudice to other Offerors (2 AAC 12.990).

5. All proposals shall be open for public inspection (AS 36.30.230) after a Notice of Intent to Award is issued. Offerors should not include proprietary information in proposals if such information should not be disclosed to the public. Any language within a submittal purporting to render all or portions of a proposal confidential will be disregarded. Proprietary information which may be provided after selection for contract negotiations will be confidential if expressly agreed to by the Contracting Agency (AS 36.30.230).

6. Substitution for any personnel named in a proposal may result in termination of negotiations.

7. If it is discovered that a selected Offeror is in arrears on taxes due the State of Alaska, a contract may not be awarded until the Alaska Department of Revenue approves the payment provisions for the contract.

8. **Offerors and proposed subcontractors shall be in compliance with the statutory requirements for Alaska business licensing and professional registrations included in the certification statement on Page 2 of Part D in this RFP package.**

9. **PRICE COMPETITION:** Price cannot be an Evaluation Criterion in accordance with Article 3 of AS 36.30 for services that must be performed only by Architects, Engineers or Land Surveyors (A/E or LS) licensed in the State of Alaska, UNLESS the provisions of AS 36.30.270(d) apply; i.e., unless the services required are repetitious in nature, and the nature and amount of services required are thoroughly defined by measurable and objective standards to reasonably enable firms or persons making proposals to compete with a clear understanding and interpretation of the services required. If price is a factor, a majority of the evaluation committee must be registered in Alaska to perform architectural, engineering, or land surveying services.

9.1 If the services performed do not require an A/E or LS, then all Offerors including any A/E or LS must provide Price Proposals in accordance with AS 36.30.270(b) and 2 AAC 12.260(c).

9.2 Price (or any estimate of labor hours) cannot be an Evaluation Criterion for contracts that will receive federal funding (FAA) per 49 CFR 18.36(t), AC 150/5100-14D. For FAA exceptions: see AC 150/5100/14D, para 2-4(c).

10. An audit of the selected Offerors' and proposed Subcontractors' cost accounting systems and business records may be required to ascertain if systems are adequate for segregating contract costs; to establish a maximum allowable Indirect Cost Rate for the Agency's negotiator; and to investigate the accuracy of proposed labor rates and unit prices. In order

not to unduly delay contract negotiation or award, be prepared to submit Pre-Audit Statement, DOT&PF Form 25A257 immediately for your firm and any subcontract which may exceed \$250,000. For contract amounts less than \$250,000, the Contracting Agency may require the Offeror and proposed Subcontractor to submit the Pre-Audit Statement if deemed necessary to determine allowable costs under Title 23 CFR requirements. If selected for negotiation, failure to submit properly completed Pre-Audit Statement(s) in a timely manner may disqualify an Offeror from further consideration. Information from Pre-Audit Statements and any Audit conducted for the Contracting Agency is considered proprietary and will be confidential.

11. Standard insurance provisions for Worker's Compensation, General and Automobile Liability, and Professional Liability are contained in DOT&PF Form 25A269, Indemnification and Insurance. Coverages may be modified under very limited circumstances. Offeror should not assume any modification of coverages.

12. Professional Liability Insurance for the proposed contract: is not required
 is required as shown on DOT&PF Form 25A269.

13. The proposed contract will will not be a Federally Assisted Program of the U.S. Department of Transportation. If it will be an assisted program, then the Offeror shall insert the following notification in all subcontract solicitations for bids or proposals pertinent to this RFP:

"In accordance with Title VI of the Civil Rights Act of 1964, 78 Stat. 252, 42 U.S.C. 2000d to 2000d-4 and Title 49, CFR, U.S. Department of Transportation (U.S. DOT), Subtitle A, Office of the Secretary, Part 21, Nondiscrimination in Federally-assisted programs of the U.S. DOT issued pursuant to such Act, in any Subcontract entered into pursuant to this RFP, Disadvantaged Business Enterprise firms will be afforded full opportunity to submit bids or proposals and will not be discriminated against on the grounds of race, color, sex, or national origin, in consideration for an award.

14. Pre-proposal Conference: None As follows:

15. Special Notices:

15.1 Per Alaska Statute (AS) 36.30.210(e): An Alaska Business License is required of Contractors who do business in Alaska at time of award. To qualify for the Alaska Offerors' Preference, under AS 36.30.321, an Offeror shall have a valid Alaska business license as a prerequisite to proposal. Information regarding applying for an Alaska Business License can be found on-line at <http://commerce.alaska.gov/dnn/cbpl/Home.aspx> or by calling 1-907-465-2550. The business license must be in the name of the company under which the proposal is submitted.

15.2 Effective May 8, 2015, based on approval from the US Department of Transportation, the Department of Transportation and Public Facilities is now implementing a Race-Neutral Disadvantaged Business Enterprise (DBE) program for construction related professional services solicitations. The Race-Neutral DBE program applies to all Federal Aid projects statewide with the exception of FAA funded projects within the Northern Region, which remain under a Race-Conscious DBE program. Although the Race-Neutral program does not establish or require specific DBE Utilization Goals for individual projects, 49 CFR does establish that it is the bidder's responsibility to make a portion of the work available to DBEs and to select those portions of the work or material needs consistent with the availability of DBEs to facilitate DBE participation. If the Department, in collaboration with our contractors, does not meet the overall program goal of 8.46% DBE Utilization and cannot demonstrate Good Faith Effort (GFE) to meet the program goal, the program may be modified to a Race-Conscious program established on all Federal-Aid construction related professional services RFP's statewide. Any questions about this notice may be directed to the Civil Rights Office, 907-269-0850.

SUBMITTAL CHECKLIST

Offeror may use left margin to check off items when completed.

Prime Contractor shall have a current Alaska Business License on date of submittal, reference item 1, page 2, Part D.

- [] 1. Offerors must carefully review this RFP Package for defects and questionable material and become familiar with submittal requirements. Submit written comments to the address shown under "Submittal Deadline and Location" on page 1 of Part A - RFP. Substantive issues will be addressed in a written addendum to all RFP recipients on record. Failure to comply with directions may result in lower score and may eliminate a submittal from consideration. Protests based on alleged improprieties or ambiguities in a solicitation may be disallowed at the discretion of the Contracting Agency if the protest is not received in writing at least ten Agency work days prior to the Submittal Deadline (AS 36.30.565).
- [] 2. Review Part A - RFP and the proposed Statement of Services and any other attached or referenced materials. If no Statement of Services is attached, telephone the Agency contact person identified on page 1 of Part A.
- [] 3. Review Part C - Evaluation Criteria. Read each criterion in light of the proposed Statement of Services. Note any project specific criteria which may have been added or any changes to standard criteria descriptions which may have been made. Be aware of the assigned weight for each criterion. If a weight is not entered for any criterion on Part C, notify the Agency contact person. Plan your proposal to address the applicable criteria. Criteria Responses shall not exceed the number of pages stated below.
- [] 4. Prepare a distinct Response for each criterion that has a weight more than zero. Failure to respond directly to any criteria weighted more than zero will result in an evaluation score of zero for that criteria. Any Responses to criteria weighted zero will be disregarded. Acceptable Responses must be specific and directly related to the Contracting Agency's proposed Statement of Services. Marketing brochures, federal standard forms 330s, marketing resumes, and other non-project specific materials will be discarded without evaluation and should not be submitted.
- [] 5. **Each criterion Response must be titled, numbered and assembled in the order in which the criteria are listed in Part C**, so the criterion to which information applies shall be plainly evident. Material not so identified or assembled may be discarded without evaluation.
- [] 6. Price is is not an evaluation criterion for the proposed contract.
If Price is a Criterion, prepare **Billing Rates and/or Price Proposals** as described in Criteria #12 and/or #13.
- [] 7. Complete all entries on Part D - Proposal Form. Note the statutory requirements for Alaska business licenses and professional registrations and be sure to sign and date the Certification. Copies of licenses and registrations may be provided with submittal, and will not count in the requirements of #8 below.
- [] 8. Attach Criteria Responses (**except any Billing Rates or Price Proposals**) to Part D - Proposal Form. The maximum number of attached pages (**each printed side equals one page**) for Criteria Responses shall not exceed: **12 (Twelve)**. Attached page limit does not include the four-page Part D - Proposal Form, or any Billing Rates or Price Proposals.

Criteria Responses shall be presented in **8-1/2" X 11" format**, except for a minimal number of larger sheets (e.g. 11" x 17") that may be used (e.g. for schedules) if they are folded to 8-1/2" X 11" size. Large sheets will count as multiple pages at 93.5 square inches or fraction thereof per page, unless otherwise noted.

CAUTION: Criteria Responses which do not comply with the required page limit or presentation size, may result in disqualification. Further, small print or typeface that is difficult to read may negatively influence evaluation of your submittal and affect scoring for "Quality of Proposal."

CHECKLIST IS CONTINUED NEXT PAGE

- [] 9.
- [] 10. Parts A, B and C of Form 25A270 and the proposed Statement of Services shall not be returned to the Contracting Agency. **Submittals shall consist of the following applicable items assembled as follows and in the order listed:**
- [] 10.1 Completed Part D - Proposal Form (generally at least one copy with original signature) and Responses to all evaluation criteria -- **except Billing Rates, Price Proposals** -- attached. Each copy shall be fastened with one staple in the upper left corner. No other form of binding shall be used and no cover and no transmittal letter will be included. **CAUTION:** Failure to comply with this instruction will negatively influence evaluation of Submittal.
- [] 10.2 Number of copies of Part D (**all pages**) and Criteria Responses (**except Billing Rates, and Price Proposals**) required is: **1 (One)**.
- [] 10.3 If **Billing Rates and/or Price Proposals** are required, **one copy** bound with one staple in the upper left corner separately enclosed in a sealed envelope marked on the outside to identify it as a **Billing Rates or Price Proposal** and the names of the Project and Offeror. Each **Billing Rates or Price Proposal** must be signed and dated by the person who prepares it (may be different signatures for each Subcontractor).
- [] 10.4 If Item 9, above, is completed for this RFP Package, any submittal items described therein. Unless otherwise stated, one copy only, bound appropriately.
- [] 10.5 Pre-Audit Statement, DOT&PF Form 25A257, shall **not** be provided with Submittal. (See Notice #10 on page 3 of Part A - RFP.)
- [] 10.6 **CAUTION:** If you replicate (other than by photocopy) Part D or any form in lieu of completing the forms provided by the Contracting Agency, provide a signed certification that lists such forms and attests that they are exact replicas of that issued by the Contracting Agency. Changed forms may result in rejection at the Contracting Agency's discretion. Any alteration - other than completion of the required entries - may be cause for rejection without recourse.
- [] 11. Deliver **submittals in one sealed package** to the location and before the submittal deadline cited in Part A - RFP. **Mark the outside of the package** to identify the Project and the Offeror. Proposals must be received prior to the specified date and time. Late proposals will not be opened (2 AAC 12.250).

EVALUATION CRITERIA

Criteria with a weight of zero are not applicable and should be disregarded. If a weight is not indicated for any criterion, telephone the Agency Contact person identified at the top of page 1 of Part A - RFP.

SECTION I - TECHNICAL PROPOSAL

1. Objectives and Services

1. Weight: 15

Response must **demonstrate your comprehension of the objectives and services** for the proposed contract. Do not merely duplicate the Statement of Services provided with this RFP. Also, consider if Statement of Services is sufficiently explicit; are expressed or implied schedules attainable/economically feasible; etcetera? Explain. **Define any assumptions made** in formulating Criteria Response. If design services for a construction project are included, express any opinions regarding alternative design considerations that could impact construction costs.

2. Methods

2. Weight: 15

Response must outline the methods for accomplishing the proposed contract or, if methodology is contained in the proposed Statement of Services, address its adequacy. Describe what, when, where, how, and in what sequence the work will be done. Address how proximity to the Project site, *particular* geographic familiarity, experience, and capabilities of your firms (Offeror and Proposed Subcontractors) and Project Staff might *specifically* contribute to the proposed methods. Identify the amount and type of work to be performed by any Subcontractors. Consider how each task may be carried out; what services or interaction required from/with the Contracting Agency; etcetera. Suggest alternatives, if appropriate. Identify any **distinct and substantive qualifications** for undertaking the proposed contract such as the availability of specialized equipment or unique approaches or concepts **relevant to the required services** which the firms may use.

3. Management

3. Weight: 15

Response must describe the administrative and operational structures that will be used for performing the proposed contract. For example consider: who will have overall responsibility for the contract? Who will have direct responsibility for specific disciplines? What will the lines of authority be? For any individual who would be in "responsible-charge" (reference AS 08.48) as an Architect or Chemical, Civil (including Structural), Electrical, Mechanical, Mining or Petroleum Engineer, or Land Surveyor, so state and list his/her Alaska professional registration number. A graphic depiction is preferred in your response to this criterion. Additionally, the Contracting Agency may want to inspect work products in progress and have a close ongoing working relationship with your Project Staff. Accordingly, your response should also identify where the various contract services will be performed, *in proximity to the Contracting Agency's office*, and how communications will be maintained between your Project Staff, the Contracting Agency, and (as applicable) any other government agencies or the public.

4. Proposed Project Staff

4. Weight: 15

Response must name the individuals to perform the following **FUNCTIONS** plus any other professional/technical functions you deem essential to perform the services:

1. Contract Management (contract compliance)
2. Project Management (single point-of-contact directly engaged in contract performance)
3. CPP System Engineer or sub-consultant
4. Professional and Technical Staff (Structural, Electrical, Mechanical, Naval, Architect)
5. Cost Estimating
6. Quality Assurance

*All personnel acting in responsible charge for all Architectural, Engineering and Land Surveying functions require an Alaska Registration and must be identified in your proposal.

Continued Next Page

Describe the work to be performed by the individuals you name to perform essential functions and detail their specific qualifications and substantive **experience directly related to the proposed contract**. A response prepared specifically for this proposal is required. Marketing resumes often include non-relevant information which may detract from the evaluation of proposal. Lists of projects are not useful. Focus on individual's specific duties and responsibilities and how project experience is relevant to the proposed contract.

For each person named, identify their: employer, professional discipline or job classification and state of residency. List at least 3 professional references (contact persons and telephone numbers) for each person.

5. Workload and Resources**5. Weight: 10**

Response must: (1) discuss both current and potential time commitments of your proposed Project Staff to all clients; (2) discuss the projected workload of each firm (Offeror and Proposed Subcontractors) for all clients; and (3) demonstrate adequate support personnel, facilities and other resources to provide the services required. Provide a list of current contracts with the Contracting Agency in which your proposed Project Staff are participating. Include all contracts statewide with regions, divisions, etc., of the Contracting Agency.

Briefly address capabilities for providing additional services and/or services under an accelerated schedule. Address capacity to reassign personnel, equipment and facilities whenever the proposed contract would not require such capabilities or was delayed.

6. Past Performance**6. Weight: 10**

Response must describe previous projects the project team has worked on that are related in size and scope to this project. Describe the dollar amount of the projects and a brief narrative of the successes of the projects. Address how the experience will help your team to perform under this contract. Provide references (contact name and phone number) for each project. Indicate which of the proposed firms and project staff was involved in each project. The State reserves the right to investigate referenced projects, contact references and research other projects that the respondent has worked on.

7. Quality of Proposal**7. Weight: 10**

Offerors do not respond to this criterion. Committee members will rate this criterion based on their perception of the clarity, completeness and presentation of submittal. Note: This criterion is **NOT** used to evaluate color, graphics or other visual techniques except as they may detract from legibility.

8. Quality Assurance

8. Weight: 10

The Department is concerned about minimizing cost revisions during construction that are caused by errors and omissions of the bid plans and specifications. Discuss your Firms methodology and quality assurance procedures to assure that the project schedule is maintained and that all work products are of the highest possible quality. Explain the steps that will be taken to assure that the owners review comments will be incorporated into the final document; and the steps that will be taken to review the documents prior to submittal of the Final Plans and Specifications to the owner.

9. N/A

9. Weight: 0

SECTION II - PREFERENCES

10. Disadvantaged Business Enterprises

49 CFR 26

10. Weight: 0

This solicitation is being conducted under the Department's Race Neutral Disadvantaged Business Enterprise (DBE) program for construction related professional services solicitations. Therefore, there is no DBE goal for this solicitation and the criterion has a weight of zero (0). While there is no weight for this criterion, the Department encourages contractors to utilize DBEs in all Federal-Aid projects to ensure the Department meets its overall 8.46% DBE utilization program goal to maintain Race-Neutral Status (see note 15.2 rfp part a).

11. Alaska Bidder (Offeror) Preference

49 CFR 18.36(c)(2) & 2 AAC 12.260(e)

11. Weight: 0

Weight shall be "0" if any federal funding, otherwise weight shall be at least "10".

To be granted this preference:

1) Response must certify that Offeror meets the following requirements per AS 36.30.990

(A) Firm holds a current Alaska Business License;

(B) Proposal is submitted under the name as appearing on the Firm's current Alaska Business License;

(C) Firm has maintained a place of business within Alaska, staffed by the Firm or an employee of the Firm, for a period of six months immediately preceding the date of the offer;

(D) Firm is incorporated or qualified to do business under the laws of the State of Alaska, is a sole proprietorship, and the proprietor is a resident of Alaska, is a limited liability company organized under AS 10.50 and all members are residents of Alaska, or is a partnership under AS 32.05, AS 32.06, or AS 32.11 and all partners are residents of Alaska; and

(E) If the Firm is a Joint Venture, it is composed entirely of entities that qualify under (A) - (D).

2) Offeror must designate the Alaska Bidder (Offeror) Preference on page one of Part D.

Response will be scored: Rating x Number of Evaluators x Weight = Criterion Score. Rating will be as follows:

An Alaska Offeror's preference (i.e. a Rating of 5) will be assigned to the proposal of an Offeror who qualifies as an Alaska bidder using the criteria in 1), above.

No Alaska Offeror's preference (i.e. a Rating of 0) will be assigned to the proposal of an Offeror who does not certify that it qualifies as an Alaska bidder or who does not qualify as an Alaska bidder using the criteria in 1), above.

SECTION III - PRICE

If price is **not** an Evaluation Criterion, weights for **both** Criterion #12 and #13 shall be "0". If price is an Evaluation Criterion, the sum of weights for Criterion #12 and #13 shall be at least "10", and all Offerors shall submit Price Proposals in the specified format(s).

See item #9, under Notices in Part A - RFP, regarding statutory and regulatory provisions about price competition and item #10.3, in Part B - Submittal Checklist, regarding procedure for submittal of Billing Rates and/or Price Proposals. Cost terminology is explained on page 2 of the Pre-Audit Statement (DOT&PF Form 25A257).

CAUTION: Submittal of Offeror's or Subcontractor's "standard" rate schedules or other pricing documents which are not in required format will be non-responsive if they do not allow direct comparison with other responsive proposals.

Rates and costs proposed by the Offeror selected for contract negotiations may be investigated for reasonableness and allocability in accordance with AS 36.30.400, .420 & .480, 2 AAC 12.550 and the contract cost principles in 48 CFR Part 31. Unsupported rates and costs may be disallowed or result in termination of negotiations, or contract award. All proposed rates and the negotiated contract rates will be public information.

12. Labor Billing Rates (Required Format)

12. Weight: 0

Provide a proposed total hourly Billing Rate (i.e. inclusive of Direct Cost of Direct Labor, all Indirect Costs, and Fee) only for each of the job **FUNCTIONS** listed below. Note: Some of these functions may be performed by one or more employees of the Offeror or Subcontractors; consequently, an individual might be billed under the contract at different rates appropriate to the functions performed. **Only the maximum rate paid to any individual for each listed job function** - regardless of employer (Offeror or Subcontractor) - **must be provided and will be considered for this response**. Rates for lower paid individuals or for other job functions, if any, will be addressed during contract negotiations.

1. Contract Management	(Estimated at	% of total labor effort)
2. Project Management	(Estimated at	% of total labor effort)
3.	(Estimated at	% of total labor effort)
4.	(Estimated at	% of total labor effort)
5.	(Estimated at	% of total labor effort)

*In accordance with the submittal Checklist ('rfp-b'), item 10.3, *Billing Rates must be signed and dated by the person who prepares it (may be different signatures for each Subcontractor)*

Response will be scored as follows: The maximum hourly rates proposed for the job functions listed above will be multiplied by the percentage of total labor effort (estimated above) and then summed to obtain an aggregate rate for each Offeror. If more than one rate is provided for any job function, only the highest rate will be used. Each Offeror's score will be calculated using the following equation - except that the **score will be zero if a rate for each listed function is not provided by an Offeror**.

$$\frac{(\text{Lowest aggregate rate from all Offerors}) \times (\text{MPP}^*)}{(\text{Offeror's aggregate rate})} = \text{Offeror's Criterion Score}$$

*MPP = Maximum Possible Points = (5) x (Number of Evaluators) x (Weight)

If no federal funding, then per AS 36.30.250(b), aggregate rates shall be reduced for the above calculation by the following applicable percentages when the rates are from Offerors that **designate preferences on page one of Part D**.

- ALASKA BIDDER (OFFEROR) PREFERENCE [2 AAC 12.260(d)]..... 5%
- ALASKA VETERAN-OWNED BUSINESS PREFERENCE [AS 36.30.175] (maximum \$5000)..... 5%
- and only ONE of the following:
- EMPLOYMENT PROGRAM PREFERENCE [AS 36.30.170(c)] 15%
- DISABLED SOLE PROPRIETOR OR 50% DISABLED EMPLOYEES [AS 36.30.170(e & f)]..... 10%

To claim employment or disabled preference, Offeror must be on the appropriate Alaska Division of Vocational Rehabilitation list at the time designated for opening (i.e., receipt) of proposals.

13. Total Price Proposal (Required Format)

13. Weight: 0

PART

C

Provide proposed costs for all labor, subcontracts, equipment, expenses, etc., and a proposed amount for Fee. Submit a separate price proposal in the following format for the Offeror and for each Subcontract (first, second, third tier, etc.) that may exceed \$25,000. Each price proposal must be signed and dated by the person who prepares it. Note that the PRICES of the next lower tier subcontracts must be listed as COSTS in Item #4 (Other Direct Costs) of the price proposal for the next higher tier contractor so that the price of all subcontracts "roll-up" into the Offeror's total price proposal.

1. Show project title, project number, and Offeror or Subcontractor Name.

2. Direct Costs of Direct Labor (DCDL)

Show the estimated costs for each job classification of employees proposed for the contract. List under the following headings. Names required only for key staff and/or persons in "responsible-charge" (ref.: AS 08.48). **Hourly Rates must not include Indirect Costs or Fee.**

<u>Job Classification</u>	<u>Name</u>	<u>Total Hours</u>	<u>Rate(\$/hr)</u>	<u>Proposed Costs (\$)</u>
				Total DCDL: \$ _____

3. Indirect Costs (IDC)

These costs include what are generally referred to as 1) Fringe Benefits and 2) Overhead (including direct and indirect costs of Indirect Labor). Show the Proposed IDC Rate as a percentage of Direct Costs of Direct Labor and the product (IDC Amount) of that Rate multiplied by the total DCDL.

IDC Rate: _____ % IDC Amount: \$ _____

4. Other Direct Costs (ODC)

These costs include: subcontracts, equipment (company owned or rented), and reimbursable expenses (e.g.: transportation, food and lodging, reproduction, etc.) - if not included in Indirect Costs. List proposed costs under the following headings. If multiples of an item required, list the proposed quantity, unit rate, and total cost for each. **Costs must be based on actual costs to the offeror or the subcontractor, without any profit or other markup.**

<u>Item</u>	<u>Quantity</u>	<u>Cost (\$/Unit)</u>	<u>Proposed Costs (\$)</u>
			Total ODC: \$ _____

5. Total Proposed Cost

Sum of DCDL + IDC + ODC

Total Cost: \$ _____

6. Proposed Fee

List a proposed amount (Contract Fee is generally negotiated using a structured Fee analysis of proposed costs).

Proposed Fee: \$ _____

7. Total Proposed Price

Sum of Total Proposed Cost plus Proposed FEE.

Total Price: \$ _____

8. *In accordance with the Submittal Checklist ('rfp-b'), item 10.3, Price Proposals must be signed and dated by the person who prepares it (may be a different signature for each subcontractor).*

Response will be scored as follows: $\frac{(\text{Lowest Total Proposed Price}) \times (\text{MPP}^*)}{(\text{Offeror's Total Proposed Price})} = \text{Criterion Score}$

*MPP = Maximum Possible Points = (5) x (Number of Evaluators) x (Weight)

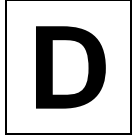
If no federal funding, then per AS 36.30.250(b), total price shall be reduced for the above calculation by the following applicable percentages when the prices are from Offerors **designate preferences on page one of Part D.**

- ALASKA BIDDER (OFFEROR) PREFERENCE [2 AAC 12.260(d)]..... 5%
- ALASKA VETERAN-OWNED BUSINESS PREFERENCE [AS 36.30.175] (maximum \$5,000)..... 5%
- and only ONE of the following:
- EMPLOYMENT PROGRAM PREFERENCE [AS 36.30.170(c)] 15%
- DISABLED SOLE PROPRIETOR OR 50% DISABLED EMPLOYEES [AS 36.30.170(e & f)]..... 10%

To claim employment or disabled preference, Offeror must be on the appropriate Alaska Division of Vocational Rehabilitation list at the time designated for opening (i.e., receipt) of proposals.

Alaska Department of Transportation & Public Facilities PROPOSAL FORM

PART



THIS FORM MUST BE THE FIRST PAGE OF PROPOSAL. Attach criteria responses as explained in Part B - Submittal Checklist. No transmittal letter or cover sheet will be used.

PROJECT

Project Numbers-State/Federal.....:	SAMHS00147/9500(143)
Project Title	AMHS Replacement of the Controllable Pitch Propeller System (CPP) (M/V Columbia)
RFP No.....	25183007

OFFEROR (CONTRACTOR)

Contractor.....:	
Street.....:	
P.O. Box.....:	
City, State, Zip.....:	
Alaska Business License Number	
Federal Tax Identification No.:	
DOT&PF DBE Certification No. (if any)	
Individual(s) to sign contract	
Title(s)	
Type of business enterprise (check one)	[] Corporation in the state of . :
	[] Individual [] Partnership [] Other(specify)

ALASKA STATUTORY PREFERENCES (IF NO FEDERAL FUNDING)

Check the applicable preferences that you claim for the proposed contract (reference Criteria 11, 12 & 13 in Part C):			
[] Alaska Bidder (Offeror)	AND>>	[] Veterans	AND>> [] Employment Program <u>or</u> [] Disabled Persons

PROPOSED SUBCONTRACTOR(S)

<u>Service, Equipment, etc.</u>	<u>Subcontractor & Office Location</u>	<u>AK Business License No.</u>	<u>DOT&PF DBE Certification No.</u>

CERTIFICATIONS

I certify: that I am a duly authorized representative of the Contractor; that this Submittal accurately represents capabilities of the Contractor and Subcontractors identified herein for providing the services indicated; and, that the requirements of the Certifications on page 2 and 3 of this Part D for 1) Alaska Licenses/Registrations, 2) Insurance, 3) Federal-Aid Contracts exceeding \$100,000, 4) Cost and Pricing Data, 5) Trade Restrictions/Suspension/Debarment, 6) Foreign Contracting, 7) DBE Commitment, and 8) Former Public Officer - will be complied with in full. These Certifications are material representations of fact upon which reliance will be placed if the proposed contract is awarded. Failure to comply with these Certifications is a fraudulent act. The Contracting Agency is hereby authorized to request any entity identified in this proposal to furnish information deemed necessary to verify the reputation and capabilities of the Contractor and Subcontractors. This proposal is valid for at least ninety days.

Signature.....:	_____		
Name		Date:	
Title	Telephone (voice):	(fax):	
	Email Address:		

CERTIFICATION FOR ALASKA BUSINESS LICENSES AND REGISTRATIONS

PART

D

Contractor and all Subcontractors shall comply with the following applicable requirements of Alaska Statutes:

1. **Alaska Business License** (Form 08-070 issued under AS 43.70) at the time contract is awarded as required by AS 36.30.210(e) for Contractor and all Subcontractors. In accordance with Administrative Manual, Section 81.120, proof of application for an Alaska Business license will satisfy this requirement. Per AAM 81.120, acceptable evidence that the offeror possesses a valid Alaska business license consists of any one of the following:
 - a. Copy of the Alaska business license.
 - b. A canceled check that demonstrates payment for the Alaska business license fee.
 - c. A copy of the Alaska business license application with a receipt stamp from the State's business license office.
 - d. A sworn notarized affidavit that the bidder/offeror applied and paid for the Alaska business license.
 - e. Other forms of evidence acceptable to the Department of Law.
2. **Certificate of Registration** for each individual to be in "responsible charge" (AS 08.48.341(14)) for Architecture, Engineering or Land Surveying (Form 08-2407 issued under AS 08.48.211) issued prior to submittal of proposal. Associates, consultants, or specialists under the supervision of a registered individual in "responsible charge" are exempt from registration requirements (AS 08.48.331).
3. **Certificate of Authorization for Corporate Practice** for incorporated Contractors and incorporated Subcontractors for Architecture, Engineering or Land Surveying (Form 08-2407 issued under AS 08.48.241). Corporations offering to provide Architectural, Engineering or Land Surveying services do not need to be registered for such disciplines at the time proposal is submitted provided they obtain corporate registration before contract award (AS 08.48.241).
4. **Certificate of Incorporation** (Alaska firms) or **Certificate of Authorization for Foreign Firm** ("Out-of-State" firms). All corporations, regardless of type of services provided, must have one of the certificates (AS 10.06.218 and other sections of Title 10.06 - Alaska Corporations Code).
5. **Current Board of Director's Resolution** for incorporated Contractors and incorporated Subcontractors for Architecture, Engineering or Land Surveying (reference AS 08.48.241) which names the person(s) designated in "responsible charge" for each discipline. Such persons shall be licensed in Alaska and shall participate as project staff in the Contract/Subcontracts.
6. **All partners** in a Partnership to provide Architectural, Engineering, or Land Surveying **must be legally registered in Alaska** prior to submittal of proposal for at least one of those disciplines (AS 08.48.251) which the Partnership offers.
7. **Joint Ventures**, regardless of type of services provided, must be licensed/registered in the legal name of the Joint Venture as used in this proposal (AS 43.70.020 and 43.70.110(4)).
8. **Contracts for Architecture, Engineering or Land Surveying** may not be awarded to individuals, corporations or partnerships not in compliance, respectively, with the provisions of paragraph 2, 3, and 6, above (AS 36.90.100).

[For information about licensing, Offerors may contact the Alaska Department of Commerce and Economic Development, Division of Occupational Licensing at P.O. Box 110806, Juneau, AK 99811-0806, or at Telephone (907) 465-2550, or at Internet address: <http://commerce.alaska.gov/dnn/cbpl/Home.aspx>]

CERTIFICATION FOR INSURANCE

Contractor will ensure that it and all Subcontractors have insurance coverage to effectuate the requirements of DOT&PF Form 25A269, Indemnification and Insurance.

CERTIFICATION FOR FEDERAL-AID CONTRACTS EXCEEDING \$100,000

The individual signing this proposal certifies to the best of his or her knowledge and belief, that:

- (1) No federal appropriated funds have been paid, by or on behalf of the Contractor, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
- (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the Contractor shall complete and submit Standard Form-LLL, Disclosure of Lobbying Activities, in accordance with its instructions. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

This certification is a material representation of fact upon which reliance will be placed if the proposed contract is awarded. Submission of this certification is a prerequisite for making or entering into the proposed contract imposed by Section 1352, Title 31, U.S. Code. The Contractor also agrees by submitting this proposal that Contractor shall require that the language of this certification be included in all lower tier subcontracts which exceed \$100,000 and that all such Subcontractors shall certify and disclose accordingly.

CERTIFICATION - COST AND PRICING DATA

In accordance with AS 36.30.400, any cost and pricing data submitted herewith, or in any future price proposals for the proposed contract, will be accurate, complete and current as of the date submitted and will continue to be accurate and complete during the performance of the contract, if awarded.

The contractor certifies that all costs submitted in a current or future price proposal are allowable in accordance with the cost principles of the Federal Acquisition Regulations of Title 48, Code of Federal Regulations (CFR), Part 31 and that the price proposal does not include any costs which are expressly unallowable under the cost principles of the FAR of 48 CFR 31. In addition, all known material transactions or events that have occurred affecting the firm's ownership, organization and indirect costs rates have been disclosed.

CERTIFICATION – TRADE RESTRICTIONS AND SUSPENSION AND DEBARMENT

The individual signing this proposal certifies to the best of his or her knowledge that the Contractor and any subcontractors are in compliance with DOT&PF 25A262 Appendix A, General Conditions, Article A25 and Article A26.

CERTIFICATION - FOREIGN CONTRACTING

By signature on this solicitation, the offeror certifies that all services provided under this contract by the contractor and all subcontractors shall be performed in the United States. If the offeror cannot certify that all work is being performed in the United States, the offeror must contact the Contracts Officer to request a waiver at least 10 days prior to proposal deadline. The offeror must provide with their submission a detailed description of the portion of work being performed outside the United States, where, by whom, and the reason the waiver is necessary. Failure to comply with this requirement may cause the state to reject the bid or proposal as non-responsive, or cancel the contract.

CERTIFICATION – DBE COMMITMENT

For federal-aid projects with DBE goals: if the Contractor submits a utilization report that proposes to use certified DBE's in the performance of work, the Contractor certifies that every effort will be made to meet or exceed the proposed percentage.

In addition, the Contractor certifies that a Consultant Registration form shall be submitted to the DBE/Civil Rights Office for their firm and each subconsultant prior to award.

CERTIFICATION – FORMER PUBLIC OFFICER

Any proposer listing as a member of the proposer's team a current public officer or a former public officer who has left state service within the past two years must submit a sworn statement from that individual that the Alaska Executive Branch Ethics Act does not prohibit his or her participation in this project. If a proposer fails to submit a required statement, the proposal may be deemed nonresponsive or nonresponsible, and rejected, depending upon the materiality of the individual's proposed position.

The Ethics Act bars a public officer who leaves state service from representing, advising or assisting a person for compensation regarding a matter –

that was under consideration by the administrative unit in which the officer served, and in which the officer participated personally and substantially through the exercise of official action,

for two years after leaving state service. See AS 39.52.180(a). "Public officer" includes a state employee, a member of a state board and commission, and a trustee of the Exxon Valdez Oil Spill Trust. "Official action" means a recommendation, decision, approval, disapproval, vote, or other similar action or inaction. Possible remedies for violating the bar include penalties against the former public officer and voiding the state grant, contract or lease in which the former public officer is involved.

Additionally, former public officers may not disclose or use information acquired in the course of their official duties that could in any way result in a benefit to the former public officers or their families, if the information has not been disseminated to the public or is confidential by law, without appropriate authorization. See AS 39.52.140.

Each current or former public officer is responsible for determining whether he or she may serve in the listed capacity on this project without violating the Ethics Act. A form that a former public officer may use to certify their eligibility is attached. Current public officers may seek advice from their designated ethics supervisors concerning the scope and application of the Ethics Act. Former public officers may, in writing, request advice from the Office of the Attorney General, Ethics Attorney concerning the application of the Ethics Act to their participation in this project. It is the responsibility of the individual and the proposer to seek resolution in a timely manner of any question concerning the individual's eligibility.

PRE-AUDIT STATEMENT

(Confidential when completed)

Submit this form, completed and with required attachments, **only** if specifically requested, and **only** to the following address: DOT&PF, Attn: Office of Internal Review, PO Box 196900, Anchorage, AK 99519-6900 OR to fax number: (907) 269-0733. Confidentiality may not be ensured if delivered otherwise.

Evaluation of this statement may preclude the necessity for a comprehensive on-site audit of Contractor's records. Entries may be handwritten, if legible.

1. Identify your financial year including beginning and ending dates
2. List your actual costs, by the following categories, for your most recently ended fiscal year. Cost Terminology is defined on the reverse.
 - 2a. Direct Labor \$
 - 2b. Attach a Trial Balance with grouping of accounts used to arrive at the following Indirect Cost amounts:

Fringe Benefits	\$
General & Administrative Expenses	\$
Sum	\$
 - 2c. Indirect Cost Rate (Sum of 2b / 2a)Percent (%):
3. If your records have been audited within the last two years by a government agency, attach a copy of the Audit Report.
4. Attach copies of your most recent Internal and Audited (if performed by other than the Contracting Agency) Financial Statements.
5. Are your accounting methods for recording contract costs based on a job or project identified cost system?
[] Yes [] No If your response is "No", attach an explanation of your project cost accounting system.
6. If you charge projects based on unit rates (e.g.: for computer time, laboratory tests, copies or equipment use, etc.) attach a list of such items and unit rates.
7. Do you offset revenue received from unit rate payments against the applicable Indirect Cost Accounts?
[] Yes [] No

If you have questions concerning this document, please telephone our Auditors at (907) 269-0715.

CERTIFICATION

I certify that I am a duly authorized representative of the Contractor and that information and materials enclosed within this statement accurately represent financial records of the office listed below.

Signature: _____	Date: _____
Name: _____	Telephone: _____
Title: _____	Fax: _____
Contractor: _____	Email: _____

Office Address for which this Submittal is made:	Address where Accounting Records are maintained, if not at Office Address:
Street:	:
P.O. Box:	:
City, State, Zip:	:

COST TERMINOLOGY

DIRECT LABOR - Base salary or wages paid to employees charged directly to contracts or projects.

OTHER DIRECT COSTS - Actual costs of other than Direct Labor. Some examples of Other Direct Costs are subcontracts, equipment (company owned or rented), unit rate items and reimbursable expenses (travel, computer charges, reproduction, etc.).

INDIRECT COST RATE – A computed rate developed by adding all of a firm's general and administrative costs, and all other indirect costs, then dividing by a base value, usually direct labor dollars to get a percentage. This rate is normally compiled based on the consultant's applicable fiscal year.

INDIRECT COSTS - Indirect costs consist of allowable expenses which, because of their incurrence for common or joint cost objectives, must be prorated (allocated) to jobs or contracts using a specified Indirect Cost Rate. A cost objective is a function, organizational subdivision, contract, project or work unit for which cost data is accumulated under the Contractor's accounting system. Generally, Indirect Costs are segregated into the following categories: Fringe Benefits and General & Administrative Expenses.

Fringe Benefits - Costs for items such as:

Workers' Compensation Insurance
Deferred Compensation/Retirement Plans

Vacation Time and Authorized Leave
Social Security and Unemployment Taxes
Group Medical Plan and Life Insurance Premiums

Overhead costs for items such as the following, if they are not included in Direct Costs:

Indirect Labor (Supervisory, Administrative, etc.)
Travel, Food and Lodging
Maintenance and Depreciation of Equipment/Computers
Business Insurance Premiums Not Billed to Clients
Rent, Heat, Power, Light and Janitorial Services

Office Supplies
Communications
Reproduction Costs
Recruiting Expense
Rentals of Equipment/Computers

UN-ALLOWABLE COSTS - Costs for the following items and certain other costs defined in 48 CFR Part 31 and related regulations are not allowable. Such costs shall not be included as Indirect Costs or in the calculation of the Indirect Cost Rate.

Alcoholic Beverages
Advertising
Interest and Other Financial Costs
Contributions and Donations
Federal Income Taxes
Goodwill

Organization Costs
Lobbying Costs
Bad Debts
Fines and Penalties
Entertainment
Keyman Insurance

NOTE: IF YOUR ACCOUNTING SYSTEM WHOLLY OR PARTIALLY ALLOCATES INDIRECT COSTS ON OTHER THAN A DIRECT LABOR BASIS, ATTACH A DESCRIPTION OF THE COST POOLS OR SERVICE CENTERS YOU USE AND IDENTIFY THE INDIRECT COSTS RATE(S) AND BASE(S).

INDEMNIFICATION AND INSURANCE

Appendix D in Professional Services Agreements

IRIS Program No:	SAMHS00147
Federal Project No:	9500(143)
Date Prepared:	

CONTRACTOR shall include the provisions of this form in all subcontracts which exceed \$25,000 and shall ensure Subcontractor's compliance with such provisions.

ARTICLE D1 INDEMNIFICATION

D1.1 The CONTRACTOR shall indemnify, hold harmless, and defend the CONTRACTING AGENCY from and against any claim of, or liability for negligent acts, errors or omissions of the CONTRACTOR under this Agreement. The CONTRACTOR shall not be required to indemnify the CONTRACTING AGENCY for a claim of, or liability for, the independent negligence of the CONTRACTING AGENCY. If there is a claim of, or liability for, the joint negligent error or omission of the CONTRACTOR and the independent negligence of the CONTRACTING AGENCY, the indemnification and hold harmless obligation shall be apportioned on a comparative fault basis. "CONTRACTOR" and "CONTRACTING AGENCY", as used within this article, include the employees, agents and other contractors who are directly responsible, respectively, to each. The term "Independent Negligence" is negligence other than in the CONTRACTING AGENCY's selection, administration, monitoring, or controlling of the CONTRACTOR and in approving or accepting the CONTRACTOR's Work.

D1.2 The CONTRACTOR shall exercise that degree of skill, care and judgment commensurate with the professional standards for the services of a similar nature. When such standards are in dispute, they shall be established by a panel of three qualified, impartial professionals objectively selected and appointed by the Appeals Officer.

D1.3 The CONTRACTOR shall correct, through re-performance at its expense, any services which are deficient or defective because of the CONTRACTOR's failure to perform said services in accordance with professional standards, provided the CONTRACTING AGENCY has notified the CONTRACTOR in writing within a reasonable time, not to exceed 60 days, of the discovery of any such deficiency during the performance of the services and within 12 months of the date of final payment under this Agreement.

ARTICLE D2 INSURANCE

D2.1 Without limiting the CONTRACTOR's indemnification, it is agreed that CONTRACTOR shall purchase at its own expense and maintain in force at all times for the duration of this Agreement, plus one year

following the date of final payment, the following policies of insurance. Where specific limits are shown, it is understood that they shall be the minimum acceptable limits. If the CONTRACTOR's policy contains higher limits, the CONTRACTING AGENCY shall be entitled to coverage to the extent of such higher limits. Certificates of insurance must be furnished to the CONTRACTING AGENCY and incorporated into this Agreement with copies attached to this document. Certificates must provide for the CONTRACTING AGENCY to receive notice of any policy cancellation or reduction per AS 21.36 Sections 210-310. Failure to furnish certificates of insurance or lapse of the policy is a material breach and grounds for termination of the CONTRACTOR's services and may preclude other Agreements between the CONTRACTOR and the CONTRACTING AGENCY.

D2.1.1 Worker's Compensation Insurance: The CONTRACTOR shall provide and maintain, for all employees engaged in work under this Agreement, coverage as required by AS 23.30.045, and; where applicable, any other statutory obligations including but not limited to Federal USL&H and Jones Act requirements. The policy(s) must waive subrogation against the State of Alaska.

D2.1.2 Commercial General Liability Insurance: Such policy shall have **minimum** coverage limits of \$300,000 combined single limit per occurrence, covering all business premises and operations used by the Contractor in the performance of services under this agreement. The policy shall be written on an "occurrence" form and shall not be written as a "claims-made" form unless specifically reviewed and agreed to by the CONTRACTING AGENCY.

D2.1.3 Comprehensive Automobile Liability Insurance: Such policy shall have **minimum** coverage of \$300,000 combined single limit per occurrence covering all vehicles used by the Contractor in the performance of services under this agreement.

D2.1.4 Professional Liability (E&O) Insurance: Covering all negligent errors or omissions, and negligent acts, which the CONTRACTOR, Subcontractor or anyone directly or indirectly employed by them, make in the performance of this Agreement which result in financial loss to the State of Alaska. Limits required are per the following schedule:

STATEMENT OF SERVICES
M/V Columbia CPP System Replacement

PURPOSE

The consultant shall provide professional design and engineering services to (1) prepare a Design Study Report (DSR), (2) Develop and Assemble Plans, Specifications and Estimates (PS&E) for competitive bidding, and (3) provide engineering and inspection support during bid advertising and construction.

VESSEL INFORMATION

Length Overall	418 Ft.
Breath, Extreme over Guards	85'
Loaded Draft	17'-6"
Displacement	7,683 LT
Existing Reduction Gear	Lufkin
Existing CPP	Allis Chalmers-Andritz Hydro
Existing Engines	Wartsilla

DESCRIPTION OF THE PROJECT

This project is to initiate the design for the replacement of the controllable pitch propeller (CPP), to include the removal and disposal, or retain certain parts of the existing port and starboard propellers, outboard shafting, pitch control oil distribution boxes, propeller strut, intermediate strut and stern tube bearings, shaft seals and parts of the hydraulic power systems; and then install new propellers, shafting, OD boxes, bearings, seals and hydraulic system components in place of the removed items.

SCOPE OF THE REQUIRED DESIGN SERVICES

The design phase of the project shall occur in one single phase. Phase one spans all activities of preliminary engineering through advertisement for bidding, and will be limited to: performance of ship checks; investigation of existing and new systems; investigation of existing propeller performance and development of potential performance improvements from new propellers; evaluation of existing reduction gears for performance with proposed CPP System; reevaluation of existing vessel for installation of new shaft bearings, shaft seals, bulkhead seals for integration of selected CPP Systems; removal and replacement of shaft bearings, shafts, propellers; removal and upgrades to ancillary control systems located in the EOS and Bridge.

The design product will be a design notebook, preparation of plans, specifications and construction cost estimate (PS&E) that is adequate for obtaining competitive bids and detailed enough to construct the project. During the construction phase, the Consultant shall be available to provide engineering interpretation of the PS&E assembly and review of contactor submittals.

TASK #1 SCHEDULES AND COORDINATION

The Consultant's Project Manager will coordinate with the Alaska Marine Highway System (AMHS) Vessel Construction Manager (VCM) to obtain all reviews and approval of the communications plan and project schedule.

COMMUNICATION.

In order to assure mutual understanding of the project as it develops, close communication between the Consultant and AMHS's Project Manager will be essential.

This task will include a review of an AMHS developed Communication Plan. This communication plan will be a guidance document to assist the project manager and project stakeholders with managing communications for the efficient execution and administration of the project. This plan will describe the project stakeholders, nature of anticipated communications, the form the communications will take and a communications schedule to support project development from Design Study through final PS&E. The Communications Plan will include a weekly teleconference between the consultant and the AMHS VCM and Monthly Project Status reports. In addition, office visits and progress meetings will be scheduled on an as required basis to maintain close coordination and cooperation.

NOTE: In your communication plan identify your team's experience with Federal Highway Administration (FHWA) policy for Buy America requirements. Identify most recent interaction with FHWA waiver process, briefly describe what project and material type waiver request was applied for.

SCHEDULE

The consultant shall prepare a Work Schedule showing the major activities of the project design, correlating the consultant's work and work performed by the Department. **The Work Schedule will include at least two weeks each for the 75%PS&E, and Final PS&E Review as described in Task 4, Specifications and Estimates Submittal for review.**

The Work Schedule shall be a time-scaled Gantt chart detailing the activities by Critical Path Method (CPM) or other format as may be approved by the State Project Manager. It shall show the order and interdependence of the various milestones, subtasks and deliverables for each of the tasks. Once the work begins, the consultant shall submit an updated schedule each month with a narrative that addresses changes to the schedule and an Action Plan that explains how the project will be completed as agreed.

DELIVERABLES:

Type of Document	Original	Copy	Electronic
Communication Plan	0	0	1
Schedule	0	0	1

TASK #2 DESIGN STUDY REPORT

The Consultant shall perform the preliminary work necessary to submit a Final Design Study Report (DSR) for approval by the Department.

GENERAL. The broad purpose of the DSR is to develop and refine a problem statement and a series of proposed solutions. Each proposed solution will be analyzed to determine how well it satisfies the Problem Statement and its cost effectiveness. The Design Report shall include a preferred alternative.

Design Concept Review: The Consultant will meet with the Project Manager to review and discuss the Design Concept. This meeting shall occur prior to submittal of the Draft Design Study Report. It may include a field trip to the vessel and to the AMHS Engineering Offices in Ketchikan, AK.

Draft Design Study Report: Prepare and submit a Draft Design Study Report to the AMHS Project Manager for review. After the AMHS Project Manager (VCM) completes review, the consultant shall incorporate corrections into the document as requested. The DSR should include discussion of the following items:

Procurement Problems: Unusual problems to be anticipated during purchase and installation of parts or equipment, such as difficulty with conformance to Buy America, need for single source procurement waivers for materials or products only available from a single source, or others as may be required.

Construction Problems: Unusual problems to be anticipated during construction together with suggested procedures or techniques for resolution of such problems.

Interferences: Identify systems requiring relocation with particular emphasis on adjustments that must be coordinated during the construction operations.

Estimates: Estimate the preliminary construction cost based on estimated quantities of materials, labor and construction contractor profit.

Accessibility Requirements: It is not anticipated that this work will create Americans with Disabilities Act (ADA) opportunities, as this project will be limited to CPP system replacement and annual overhaul work items.

DELIVERABLES

Type of Document	Original	Copy	Electronic
Draft DSR	1	0	1
Final Design Study Rpt.	1	0	1

This phase of the project will be complete upon acceptance of the Final DSR Submittal.

TASK #3 – ENVIRONMENTAL SERVICES

The Department will prepare the Environmental Analysis based on the project scope as defined in the draft Design Study Report. It is anticipated that the project will qualify as a Categorical Exclusion under CFR 771.117(d)(1) unless significant environmental impacts are identified during the DSR. It is not anticipated that the Consultant will be required to perform any work under this task unless there are serious environmental issues identified by the work.

TASK #4 - PLANS, SPECIFICATIONS, AND ESTIMATES (PS&E)

GENERAL: This task will consist of utilizing the parameters from the approved Design Study Report and Environmental Document to produce a PS&E Assembly suitable for competitive bids and a contract for the construction of the project.. When the PS&E assembly has been approved by the Department’s Project Manager and an Authority-to-Advertise is obtained, this phase of work will be complete.

DESIGN PLAN SHEETS. All plans shall be ink on standard sized sheets (11 x 17).. All design plan sheets shall have a title block and be sealed by a professional engineer who is responsible for or prepared the design. All seals shall remain unsigned until the Final PS&E is submitted, at which time the engineer(s) shall sign and date their work in accordance with State of Alaska Standards. The plans shall contain at least the following sheets and information:

Title Sheet showing:

- A. Project Title, Project Numbers and Description of work, Project File Names.
- B. Plan Sheet Index.

Estimate of Quantities Sheet(s) showing:

- A. Table of items that includes pay item number, pay item name, pay unit and the quantities of each pay item, by sheet and the total for each item.
- B. Table of applicable estimating factors.

Detail Sheets showing:

- A. All necessary miscellaneous construction details, etc.

Plan Sheets:

- A. As necessary to adequately describe the work.

SPECIFICATIONS AND ESTIMATES: The Consultant shall prepare and submit specifications that shall comply with all current regulatory agency requirements affecting the documentation, verification and operation of the vessel.

The Specifications shall be written to:

- A. Describe the total job as well as modifications depicted by drawings listed for each specification section.
- B. Each section shall be a single pay item.
- C. Specifications are to be cross referenced as appropriate.
- D. Specifications shall be written in a manner that construction contractors can clearly determine the costs to complete each item.
- E. Each section shall be a single pay item.
- F. Specifications are to be cross referenced as appropriate.

- G. Each specification section shall completely describe the work required to accomplish the installation of the equipment or structure being installed by that section. Where several sections involve equipment to operate together, the integrated system shall be incorporated into the item that is anticipated to be the most costly.
- H. Each specification section shall include specific operation testing to be accomplished as well as reference to the testing section for standard testing of such items as electrical wiring, bulkhead penetrations, welds hull penetrations and piping hydrostatics testing.

Each Section shall contain the following subsections, as appropriate.

- A. GENERAL SCOPE
- B. REFERENCES
- C. STATE FURNISHED EQUIPMENT
- D. MAJOR CONTRACTOR FURNISHED EQUIPMENT
- E. REMOVALS
- F. INSTALLATIONS
- G. REQUIRED ABS/COAST GUARD INSPECTIONS & APPROVALS
- H. TESTING
- I. REQUIRED TECHNICAL DOCUMENTATION TO BE SUBMITTED AS PART OF THIS ITEM AND DRAWINGS REQUIRING UPDATING BY THIS SPECIFICATION ITEM
- J. ANYREQUIRED TRAINING
- K. DISPOSITION OF REMOVED EQUIPMENT
- L. SPARES

The consultant shall submit the final plans and specifications to the American Bureau of Shipping and the United States Coast Guard for their review and approval. Any revisions necessary to obtain agency approval shall be at the Consultant's expense. Fees arising from resubmittals that are due to errors or omissions by the Consultant shall be the Consultant's responsibility.

The Project Bid Schedule and Engineer's Estimate shall be submitted in Department approved format. **The Engineers Estimate shall be reviewed and updated monthly to reflect changes or modifications.** It is the Department's expectation that both the Engineer's Estimate and the Construction Bids will be within the Available Construction Funding. If the Engineer's Estimate exceeds this amount, the consultant shall immediately notify the AMHS Project Manager. The consultant may be required to redesign or re-scope the project to assure an affordable construction bid.

Available Construction Funding: **Five Million Five Hundred Thousand Dollars (\$5,500,000.)** pending STIP approval. .

SUBMITTALS

75% Complete PS&E: The Consultant shall prepare a Complete PS&E Assembly suitable for a 75% Review by representatives of the State (AMHS) and other agencies. When the Plans, Specifications and Construction Cost Estimate are ready for review, the Consultant shall submit the assembly to the Project Manager for "initial review and comments." Corrections may be necessary prior to accepting the package for the review. When the PS&E assembly has been accepted by the AMHS Project Manager, the Consultant shall submit the "corrected package" for 75% Review distribution. The AMHS Project Manager will organize the review meetings, consisting of an office review of the plans, specifications and estimate. The Consultant will attend the meetings and respond to all questions. **The Consultant's Design Schedule will include a minimum of two weeks for AMHS review.**

75%REVIEW RESPONSES: The Consultant will prepare a single response letter for all individuals and groups who submitted comments and/or questions and will describe the disposition of all comments. The response letter shall be submitted to the Department's Project Manager for review and approval within fourteen days of the review date

DBE GOALS: The Consultant shall prepare a list of sub-contractible items and construction quantities for use by the State in determining Disadvantaged Business Enterprise (DBE) goals. If applicable; the list shall include an estimate of labor hours by trade. The Department will submit this information to the State's Civil Rights Department who will establish DBE and to establish Training Goals for the Project.

PRE-FINAL PS&E REVIEW: PRE-FINAL PS&E Assembly for final technical review, consisting of the complete project plans, Technical Specifications and Engineer's Estimate. The AMHS Project Manager will coordinate the PRE-PS&E Review. A meeting will be scheduled to adjudicate all questions received as a result of the review. The Consultant may be asked to attend the meeting in person or telephonically and respond to all questions. FINAL PS&E PACKAGE: Following necessary revisions of the Pre-Final package, the Consultant shall provide final corrected drawings, any referenced technical specifications or manuals, any referenced drawings, technical specifications, Bid Schedule and Engineer's Estimate in both hard copy form and electronic form. (Word and PDF) The Consultant shall prepare and submit the Final PS&E Package which will include at the minimum, technical specifications in both MS Word and Adobe format. Drawings shall be submitted in Autodesk AutoCAD Format and in print ready Adobe Format. All final drawings and specifications must bear the registration stamp and signatures of the responsible engineer or naval architect in accordance with State of Alaska Statutes. Technical specifications and Drawings shall be provided in high quality reproduction format preferably produced utilizing the originating software (IE: from MS Word, MS Excel, or AutoCAD vs. from copies of printed documents).

List of Deliverables: The consultant shall prepare a list of all deliverable items required to satisfy the Specifications.

DELIVERABLES

Type of Document	Original	Copies	Electronic
75% Complete PS&E	0	0	1
Final PS&E (100%)	0	0	1
Design Notebook (100%)	0	0	1
Sub-contractable Items	0	0	1
Training Opportunities	0	0	1

TASK #5 BIDDING AND CONSTRUCTION SERVICES

The Consultant shall make staff and original records of the project available until the construction of the project is completed. The Consultant may have to clarify part of the PS&E assembly, provide design intent during the bidding period, or interpret the PS&E during construction of the project. All questions pertaining to the design and subsequent interpretations shall be coordinated through the AMHS VCM. In no case will the Consultant be required to communicate directly with the companies bidding for the construction contract or with the successful bidder. Assistance may be expected on all change orders or modification of the plans set during the construction phase of the project. The Consultant may be requested to review construction contractor submittals for conformance with the PS&E. Attendance at the Preconstruction conference and field inspections may be requested.

ELECTRONIC FILE SUBMITTALS AND FILE COMPATIBILITY: Electronic documents, files, drawings, and photographs shall be delivered on CD-R Computer Disks (labeled to indicate contents) capable of being used on the AMHS's computers running the Microsoft Windows XP Professional operating system using the following programs:

- AutoCAD 2008
- Microsoft Project 2007
- Microsoft Office 2007 Suite (Word, Excel, Access, PowerPoint)
- Adobe Acrobat 9.0 Professional

(Font styles, unless otherwise authorized, shall be Arial or Times New Roman. Electronic documents or drawings shall not be stored in a compressed file format unless the file is self-extracting. All electronic files shall be indexed. To the extent possible, all indexes and file names shall clearly indicate the content of the documents and drawings. Electronic media shall be virus free.)