REQUEST FOR PROPOSAL NO. 15P0004JH
Dated: August 6, 2014

ISSUED TO:
All Prospective Offerors

The following are UAF’s answers to questions received from potential offerors regarding the above referenced solicitation:

1.1 QUESTION: The A-Frame is serviced by three permanently mounted Rapp-Hydema winches:

   • Traction winch located in the Aft Winch Room (2-85-0) with 0.680-inch diameter electromechanical or fiber-optic cable, or 9/16-inch diameter 3 × 19 torque-balanced GEIPS wire running through a flag block located at the 01 Deck Level to port of centerline.

   • A hydrographic winch or CTD winch located in the Forward Winch Room (2-55-1) with 0.322" electromechanical wire or ¾" wire running through a starboard flag block on the starboard Aft Weather Bulkhead.

What is the breaking strength value for these wire ropes?

ANSWER: The breaking strength of the various permanently installed wires is as follows:

1) Aft Traction Winch
   9/16", 3x19 trawl wire, NBS=32,500 lbs
   0.68 EM cable, NBS= 40,000 lbs

2) Fwd CTD/Hydro Winches
   0.322 EM Cable (both winches), NBS = 9,600 lbs

However, note that Section 5.3.1 Requires the padeyes be capable of handling the breaking strength of 1" wire rope at 120,000 lbs. This would be from a user supplied winch located in one of the areas noted in 5.3.5.

1.2 QUESTION: What is UNOLS standard bolting flange? What are the dimensions? How is the flange intended to be mounted to the A-Frame?

ANSWER: The bolt spacing per reference 7. The bolting plate is envisioned to be connected to a circular cross bar via trunnion bearings as described in 6.1.1.
1.3 **QUESTION:** In 3.4 (Requirements for Equipment, Machinery and Materials) it is stated that all materials to be approved by either USCG or ABS; but then in section 9 it’s required to meet 46 CFR 189.35.

This is a different approval document than ABS Lifting Appliances Guide and cannot and will not be certified by ABS. Do structural materials need to meet ABS Guide for Lifting Appliances for service temperature provided?

Is CFR compliance all that’s actually required? Is cold weather material charpy testing required and if so at what values?

**ANSWER:** Meeting CFR requirements and the cold weather environment requirements in the RFP will be satisfactory. Use of material suitable for the operational requirements is the responsibility of the proposer.

1.4 **QUESTION:** Need to define trunnion bearing configuration? Are these just bolted plates? If so, are the lifting pad eyes, which are intended to handle the loads, pulled by aft and forward winches, are bolted to this plate? Are there detailed drawings of the customer’s intentions available? More details are required.

**ANSWER:** It is envisioned that the bolting plate will be suspended from the cross bar via 2-3 trunnion bearing such that the bolting plate gimbals with movement of the A-frame. The trunnion bearings must carry the maximum loads that can be taken by the bolting plate and associated bolt-on padeyes.

1.5 **QUESTION:** It appears we need to supply (3) tugger winches. One is located, per spec, on the cross beam and the other two are supposed to be mounted on legs. Each leg will have one tugger winch mounted on it for transverse load control. Does Allied need to provide tugger winches? Please clarify.

**ANSWER:** Yes. The proposer is to supply the three winches in accordance with the requirements of the RFP.

1.6 **QUESTION:** Need Load cases document (Preliminary Design Report). Ref.2 File: 031122.01. It will be helpful for preliminary calculations and structure size estimation.

**ANSWER:** The load cases document is merely a template for the Maximum Capability Document that the Offeror is to develop. The link is included in the Supplemental Reference Document section below. Design loads are described in Section 5.3 and 5.4 of the RFP.

1.7 **QUESTION:** There is a requirement for hard stop for the primary outboard position and secondary flat-out outboard position. It is not clear if the first hard stop needs to be powered in or out of position or possibly moved and pinned manually?

**ANSWER:** A powered arrangement is desired. Alternatively the Offerer may propose no stops (hold on hydraulics) if the design loads can be met.

1.8 **QUESTION:** What is the meaning of “scientific cable way” in 6.2.4.? Is it electric wire way as in 7.4.2? Cableway sometimes defined as weight/load supporting cables. Please clarify.

**ANSWER:** This a cable tray for allowing various scientific cabling to be run onto the frame.
1.9 QUESTION: There will be approx. six controls (joysticks) required to run A-Frame and 3 tugger winches. Per 7.3.1. a common portable control console will run A-Frame with tugger winches as well as Science winches. Who is to supply the portable control (belly pack)?

ANSWER: This required to be supplied by the Offeror.

1.10 QUESTION: Would emergency operation of the A-frame be required in the event the ship loses electrical power?

ANSWER: No.

1.11 The following documents are added as Supplemental Reference documents:

- T248-1000 Snatch block-C-C-28-31.5
- 00696-0 Snatch block-C-CP48x1300-140
- R/V Sikuliaq Stern A-Frame MCD_IN WORK
- UNOSSStandardAframeMount-Concept
- 0650-330-01 RevB Lighting Arrangement As Built
- 0650-185-08 A-FRAME FOUNDATION REV(B) As Built

1.12 The following document is removed from the list of reference documents:


The submittal deadline remains September 12, 2014 3:00 p.m. local time. All other terms, conditions, and specifications, of the original Request for Proposals remain unchanged.

University of Alaska Fairbanks,

John A. Hebard, C.P.M.
Director of Procurement and Contract Services

The Amendment becomes part of the Request for Proposal and modifies the original RFP document. This Amendment shall be acknowledged by signing below and returning it by mail prior to the submittal deadline, or by indicating acknowledgment on your proposal cover sheet.

ACKNOWLEDGEMENT

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Company Name

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Authorized Signature and Date

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Name and Title (Print or Type)