

**REQUEST FOR PROPOSALS**  
**By the City of Homer, Alaska**  
**For Refurbishment Services of Three Pedestal Cranes on Homer Fish Dock**

City of Homer's Port and Harbor is requesting proposals from qualified firms to rebuild/refurbish Cranes #5, #6 and #8, three (3) 29 year old pedestal mounted cranes located on the City of Homer's Fish Dock. **The cranes will be removed from the Fish Dock, have a complete overhaul on all components performed, be re-coated to factory specifications, and re-installed on the Fish Dock for service.** The City's goals for this project is to improve the overall safety and reliability of Cranes #5, #6 and #8, and lower energy/operation overhead costs. Proposers are encouraged to consider all advances in related technologies in their proposals.

Sealed Proposals will be received by the Office of the City Clerk, at 491 E. Pioneer Avenue, Homer, Alaska 99603 **no later than 4:30 pm, September 26, 2013.** Proposals received after the time fixed for receipt of the Proposal shall not be considered.

Proposal Requirements and plan holder registration forms are available on line at <http://www.cityofhomer-ak.gov/rfps> **All proposers must submit a City of Homer Plan Holders Registration form to be on the Plan Holders List and to be considered responsive.**

Please direct all questions regarding this project to: Bryan Hawkins, Port Director/Harbormaster, 4350 Homer Spit Road, Homer, AK 99603, (907) 235-3160.

The City reserves the right to accept or reject any or all proposals, to waive irregularities or informalities in the proposals, and to award a contract to the respondent that best meets the selection criteria and the City's needs.

Dated the 4<sup>th</sup> day of September 2013.

City of Homer

  
Walt Wrede, City Manager

Account #: 400-600-5227

Published: Homer Tribune September 11 & 18, 2013

**REQUEST FOR PROPOSAL REQUIREMENTS**  
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**SCOPE OF WORK:**

Proposer will remove Cranes #5, #6 and #8 from the Fish Dock and transfer to a climate-controlled, clean work environment. They will then perform a complete tear-down where each component and moving part will be inspected for wear. A tear-down report will then be presented to the Port Director or his designee as to the actual condition of the equipment and the recommended course of action. The complete scope of work for the crane refurbishments will be planned from the tear-down report. The cranes and pedestals will be sandblasted to white metal by a qualified professional coating specialist and re-coated to factory specifications measured in mill thickness. Proposer will then re-install the completely refurbished cranes and pedestals back on the Fish Dock. Proposers will submit a timeline of completion for each individual crane in their proposal. Completion means that a final inspection has been completed and the Port Director/Harbormaster has signed the final invoice for payment.

**FUNCTIONAL REQUIREMENTS:**

1. Materials used for this refurbishment will either be corrosion protected or constructed of material that is impervious to the harsh maritime environment of the Homer Spit.
2. Currently the cranes operate on petroleum based hydraulic fluid. The new, re-built cranes will be converted to food grade, vegetable-based hydraulic fluid.
3. The City of Homer Port and Harbor is very interested in exploring the use of fixed (not remote operated) electric control/joy sticks for crane controls. These controls must have an I.P. rating of 60 or better.
4. The proposal must show crane cable winch replacement options. The existing winch is no longer in production and the City would like to upgrade to a modern winch model that carries the same load rating as the original. All cable fairleads, pulleys and guides will be inspected, rebuilt, and or replaced during this refurbishment project.

**OTHER REQUIREMENTS:**

1. Provide manufacturer operating and maintenance manuals, including overall outline drawings, wiring diagrams, materials list of equipment and cut sheets.
2. New equipment must be installed in a clean and professional manner. All electrical connections will be completed by a qualified electrician.
3. Test, verify, and demonstrate correct operation of all systems and functions.
4. Train all relevant personnel in the operation and maintenance of the systems.
5. Maintenance Agreement: Winning proposal must provide a maintenance contract for possible future site visits and/or consultation and troubleshooting for any repairs.
6. Port Director and Fish Dock Supervisor will meet with project foreman for a final inspection and will designate the project complete in writing by signing the final invoice.

**RFP GENERAL REQUIREMENTS:**

To achieve a uniform review process and obtain the maximum degree of comparability, it is required that the proposals be organized in the manner specified below. Proposals that do not address the items listed in this

request may be considered incomplete and may be deemed non-responsive by the City. Interested firms should submit the completed proposal using either of the following options:

1. One original and six copies of the completed proposal in an opaque envelope marked as follows:  
Port of Homer Crane #6 and #8 Refurbishment  
Homer, Alaska  
PROPOSAL DATED: \_\_\_\_\_

Hard copy Proposal submittals shall be addressed to:

City of Homer, City Clerk  
491 E. Pioneer Ave.  
Homer, Alaska 99603

2. **OR** – Email the completed proposal in PDF format to the City Clerk at [jjohnson@ci.homer.ak.us](mailto:jjohnson@ci.homer.ak.us). If you choose to submit your proposal via email, no hard copies are required.

Proposals shall be received at the Office of the City Clerk **no later than 4:30 pm, September 26, 2013**. Please direct technical questions regarding this proposal to Bryan Hawkins, City of Homer, Port Director/Harbormaster, (907)235-3160. Direct proposal submission questions to Jo Johnson, City Clerk, at (907) 235-3130.

#### **PROPOSAL FORMAT AND CONTENT:**

**Letter of Transmittal (one page maximum):** The transmittal letter shall identify the project for which the proposal has been prepared. Briefly state your firm understands the services to be provided, make a positive commitment to provide the services specified, and give the name, title, address, and phone number of the person(s) authorized to make representations for your firm. The letter shall be signed by a corporate officer or other individual who has the authority to bind the firm.

**Proposal Narrative (five pages maximum):** The proposal narrative shall provide the following information:

1. **Proposed Project Manager (Single Point of Contact):** This section shall present the proposed project manager and at a minimum address:
  - a. Specific project management experience
  - b. Technical experience working in Alaska, on similar equipment refurbishment projects
2. **Proposed Project Team:** This section shall present no more than four key professionals, one of which who will be the coatings specialist, that will actively participate in technical project activities (no need for full resumes, one paragraph or two is sufficient) and at a minimum address the following:
  - a. Proposed project assignment and qualifications
  - b. Experience with similar projects and with other team members
3. **References:** List the names, titles, and phone numbers of at least three clients who obtained similar services from your firm. Ideally, projects/contracts managed by the proposed project manager and completed by the proposed project team should be referenced.
4. **Cost:** Each proposer shall submit a standard billing rate schedule that they propose to use in this contract. **NOTE – All costs will be inclusive of the following:** (1) **Mobilization costs** to and from the Homer Fish Dock, (2) **all shipping** to and from the Homer Fish Dock, and (3) **incidental costs** including specialized equipment rentals. This information for the cost portion of the RFP can be provided in either of two ways:
  - a. Provide the firm’s published standard billing rate schedule reflecting the hourly rates for technicians and supervisors tasked with performing this contract. Since these rates include overhead and profit, the proposer will not need to provide an indirect/overhead multiplier. If the standard billing rate schedule presents a range of costs for a particular position, the City will use the average to compute a “unit team cost”.
  - b. Provide the direct labor hourly rate for all personnel who will be significantly involved in the project; and the indirect/overhead multiplier proposed to be utilized. This multiplier shall be “fully loaded”, including profit.

**WARRANTY:**

Winning proposal will supply two warranties, both based on Cranes #5, #6 and #8 hour meter; establish how the quality of workmanship and materials are warranted in number of crane hours of operation: (1) warranty on mechanical installation and materials; and (2) warranty on coatings, materials and installation.

**EVALUATION CRITERIA AND SELECTION PROCESS:**

The City of Homer reserves the right to reject any and all proposals submitted and shall not be liable for any costs incurred by any proposer in response to this solicitation or for any work done prior to the issuance of a notice to proceed.

A selection committee will evaluate the proposals and make a recommendation to the City Manager. Evaluators may discuss factual knowledge of, and may investigate proposer’s prior work experience and performance. This includes projects referenced in the proposal, available written evaluations, and contacted references that were listed or other persons knowledgeable of a proposer's past performance. Factors such as overall experience relative to the proposed contract, quality of work, cost control, and the ability to meet schedules may be address during the evaluation.

Submittals will be evaluated and scored in accordance with the following criteria:

A. Proposed Project Team	35 points
B. Proposed Project Manager	25 points
C. Cost (mobilization, shipping, and incidentals)	15 points
D. Warranty (mechanical installation and materials)	10 points
E. Warranty (coatings, materials and installation)	10 points
F. References	<u>5 points</u>
Maximum Score	100 points

The lowest unit team cost firm will be awarded the maximum 15 points, the highest cost firm will be awarded 5 points, and the other firms will be awarded prorated points between 15 and 5 based on their unit team cost. (Example: if low firm a has a unit cost of \$3,500, the second low firm has a unit cost of \$3,750, and the highest firm has a unit cost of \$4,000; the low firm is awarded 15 points and the second low firm is awarded 10 points and the highest unit team cost firm is awarded 5 points). A “unit team cost” will be calculated using the added costs of: (A) One hour of project manager time; (B) Four hours of senior engineer time; (C) and Eight hours of senior technician time.

This request for proposals is designed to be qualifications based, with cost playing a secondary role in the selection process. Providing actual proposed key staff rates for the “unit team cost” calculation is not the goal. The City will work with the selected firm during individual task order negotiations to provide a budget that takes into account specific staff requirements for this specific project.

The City of Homer reserves the right to award a contract to the highest ranked firm based solely on the written proposal or request oral interviews with a “short list” of the highest ranked firms. The highest ranked proposer will be invited to enter into negotiations with the City of Homer for the purposes of contract award. If an agreement with any proposer cannot be reached, the next highest ranked proposer may be contacted for negotiations. The City of Homer reserves the right to terminate negotiations with any proposer should it be in the City of Homer’s best interest.

**INSURANCE:**

The Proposer shall be required to provide proof of insurance prior to commencement of work. This is to insure the selected firm has appropriate general liability coverage in case of an accident while completing the tasked project on the City of Homer’s Fish Dock.

**LOCAL BIDDER PREFERENCE:**

Per the City of Homer’s Procurement Policy, section 3.16.80, it is the policy of the City of Homer to give preference to City of Homer residents, workers, businesses, contractors, producers and dealers to the extent consistent with law. A contract or purchase shall be awarded to a local bidder where the bid by such local bidder is, in all material respects, comparable to the lowest responsible non-local bid if the amount bid by such local bidder does not exceed the lowest non-local bid by more that the following percentages:

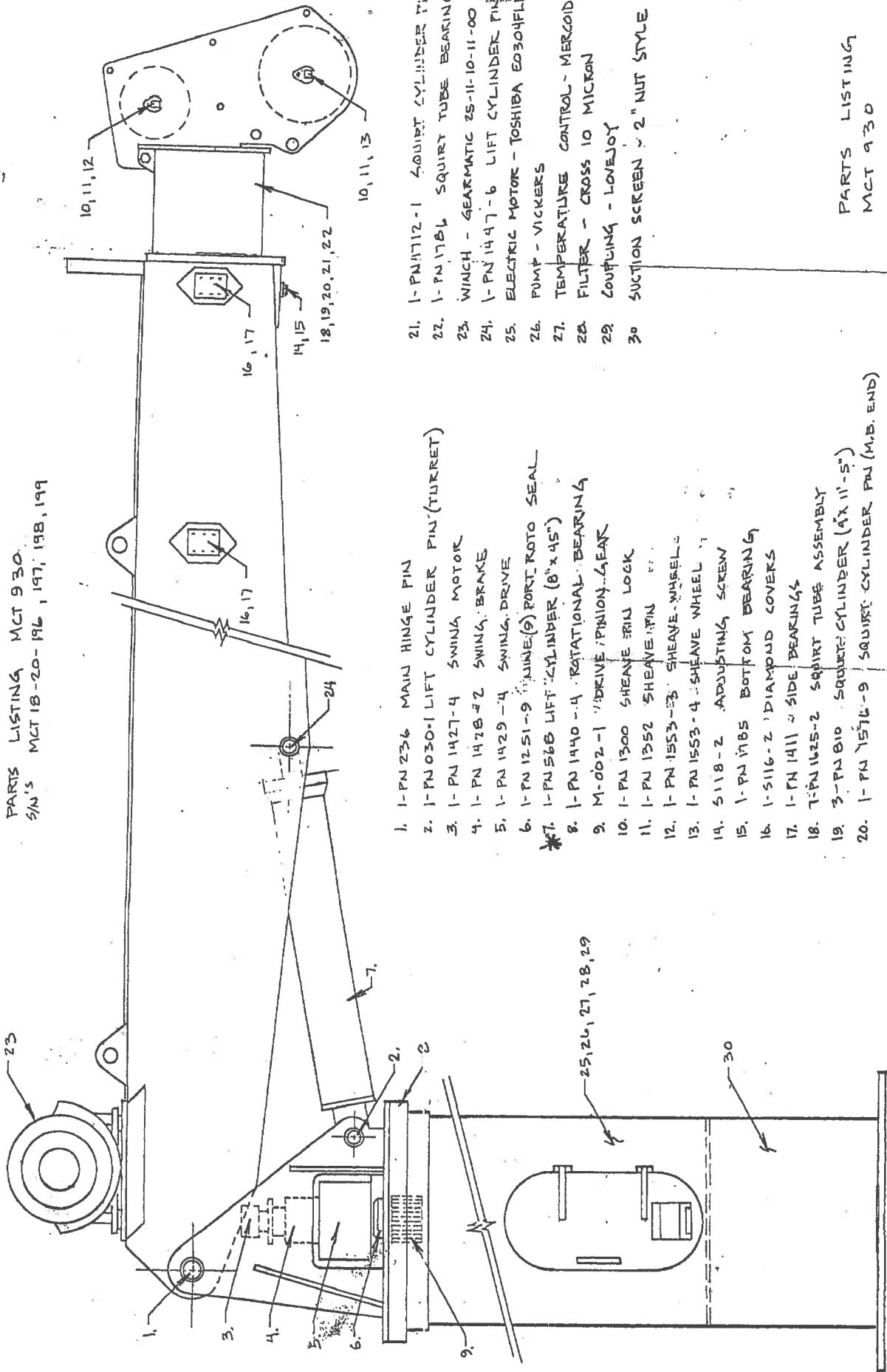
Non-local bid is:	Local bid is not more than:
\$0 to \$500,000	5% higher than non-local bid
\$0 to \$1,000,000	5% higher than non-local bid on first \$500,000 and 2.5% higher than non-local bid on amount in excess of \$500,000 to \$1,000,000

No additional adjustment for bids above \$1,000,000.

**PROPOSED TERM CONTRACT AWARD SCHEDULE:**

Proposals Due	September 26, 2013
Review of Proposals & Choosing of Firm	October 3, 2013
City Council Award	October 14, 2013
Initial Overview Meeting/Notice to Proceed	October 2013

PARTS LISTING MCT 930  
 S/N'S MCT 18-20-196, 197, 198, 199



1. 1-PN 236 MAIN HINGE PIN
2. 1-PN 030-1 LIFT CYLINDER PIN (TURRET)
3. 1-PN 1427-4 SWING MOTOR
4. 1-PN 1428-2 SWING BRAKE
5. 1-PN 1429-4 SWING DRIVE
6. 1-PN 1251-9 PIN (9) PORT RO TO SEAL
- \*7. 1-PN 568 LIFT CYLINDER (8" x 45")
8. 1-PN 1440-4 ROTATIONAL BEARING
9. M-002-1 DRIVE PHION GEAR
10. 1-PN 1300 SHEAVE BRU LOCK
11. 1-PN 1352 SHEAVE PIN
12. 1-PN 1553-3 SHEAVE WHEEL
13. 1-PN 1553-4 SHEAVE WHEEL
14. 5118-2 ADJUSTING SCREW
15. 1-PN 1785 BOTTOM BEARING
16. 1-5116-2 DIAMOND COVERS
17. 1-PN 1411 SIDE BEARINGS
18. 1-PN 1625-2 SQUIRT TUBE ASSEMBLY
19. 3-PN 810 SQUIRT CYLINDER (4X 11"-5")
20. 1-PN 1576-9 SQUIRT CYLINDER PN (M.B. END)
21. 1-PN 112-1 SQUIRT CYLINDER PIN (SHEAVE EN)
22. 1-PN 1786 SQUIRT TUBE BEARING
23. WINCH - GEARMATIC 25-11-10-11-00
24. 1-PN 1447-6 LIFT CYLINDER PIN (BOOM)
25. ELECTRIC MOTOR - TOSHIBA E0304FL (30 H.P.)
26. PUMP - VICKERS
27. TEMPERATURE CONTROL - MERCROID SERIES "D"
28. FILTER - CROSS 10 MICKON
29. COUPLING - LOVEJOY
30. SUCTION SCREEN - 2" NUT STYLE

PARTS LISTING  
 MCT 930

SECTION 14350  
BOOM CRANES

1.5 SHOP DRAWINGS

- A. Submit shop drawings in accordance with Section 01340: Shop Drawings, Product Data, and Samples.
- B. Indicate pertinent dimensioning, location of hydraulic control lines, and method of leveling crane.
- C. Drawings should comply with ANSI Y14.17, ANSI Y32.10, and JIC H-1.

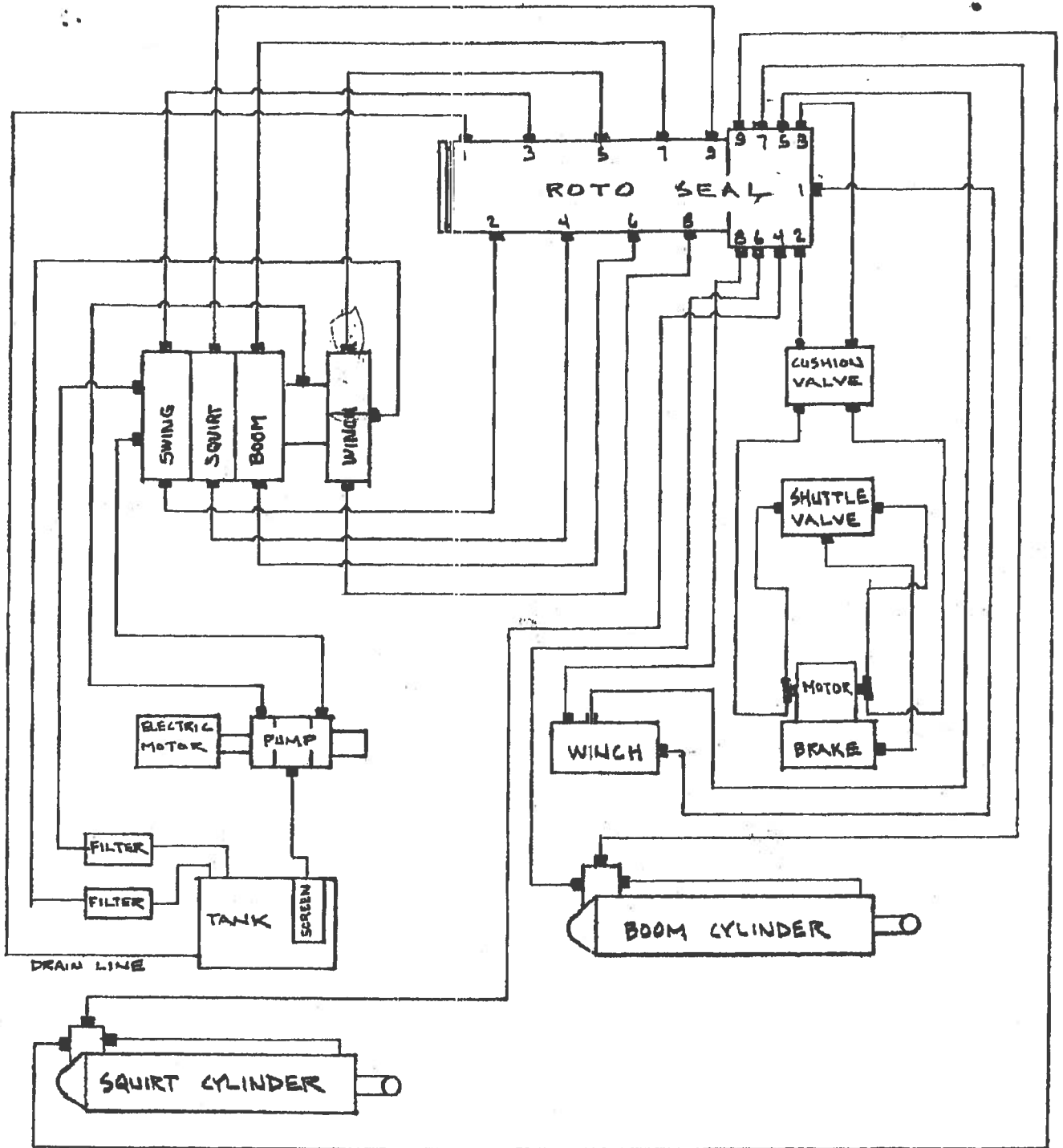
PART 2 - PRODUCTS

2.1 MATERIALS

A. 2.5-Ton Cranes:

1. 2.5-ton cranes shall be Alaska Marine Crane model MCS-1050A dock mounted and must be API 2c certified.
2. The boom shall be a 30-foot telescopic boom, retracting to 18 feet. The telescopic section shall slide on adjustable UHMW trust bearings. The hydraulic telescopic cylinder shall have a stainless steel piston rod with a built-in load hold safety check valve.
3. All hinge and sheave pins shall be stainless steel. All miscellaneous fasteners 5/8 inch and under shall be type 316 stainless steel.
4. The lift cylinder shall have stainless steel piston rod and built-in integral load holding safety check valve.
5. All grease or zirk fittings shall be monel.
6. The crane pedestal shall be a round tubular pedestal with a 33-inch O.D. The pedestal height shall be 8 feet. A 4-foot by 4-foot by 1-inch drilled base plate shall be provided for mounting and shall be attached to the bottom of the pedestal, except that base plates for cranes at Bent Nos. 1 and 20 shall be 3-foot by 4-foot.
7. The winch shall be a planetary type, manufactured by Gearmatic, stowing 175 feet of 9/16-inch XIPS IWRC 6 x 26 wire rope. The fallblock shall be reeved for 3-part operation and shall have a 10-ton rating. The fallblock shall be complete with swivel hook and safety latch. The winch shall be capable of pulling 6,000 pounds on the bare drum at a line speed of not less than 82 feet per minute on a single line and a hook speed of not less than 24 feet per minute.
8. The electric/hydraulic power pack shall be mounted inside the crane pedestal. It shall consist of a tandem hydraulic pump coupled to a 30 HP electric marine duty 440/220V 3-phase motor. A 60-gallon oil reservoir complete with suction screen and return line filters shall be built into the pedestal base.
9. The crane rotation shall be continuous rotation in either direction with the maximum speed 1.5 revolutions per minute. The swing drive shall be a planetary gear box with all gearing internal. Pinion and ring gears shall be internal. The swing drive shall be complete with a fail-safe swing brake that is spring applied and pressure released.
10. The crane shall be capable of lifting 5,000 pounds at a 30-foot boom radius and 13,000 pounds at 15-foot boom radius.

ALASKA MARINE CRANE  
HYDRAULIC SCHEMATIC MODEL NO. MCT 930 (DIRECT)



ALASKA MARINE CRANE

5-11-83

J. KASPAK,

HYDRAULIC SCHEMATIC MCT 930 (DIRECT)

S/N MCT 18-20-196 - MCT 18-20-199



