

ORDER FOR SUPPLIES OR SERVICES

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER 02/11/2008	2. CONTRACT NO. (If any) DTMA8C05014	6. SHIP TO: FRANK LINEHAN		
3. ORDER NO. CLS14W08017	4. REQUISITION/REFERENCE NO. PRWRSM08091	a. NAME OF CONSIGNEE DOT/Maritime Administration, WR Operations		
5. ISSUING OFFICE (Address correspondence to) DOT/Maritime Administration, WR Acquisition 201 Mission Street, Suite 1800 San Francisco CA 94105-1905		b. STREET ADDRESS CAPE ISLAND		
		c. CITY TACOMA	d. STATE WA	e. ZIP CODE

7. TO: a. NAME OF CONTRACTOR	f. SHIP VIA
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b. COMPANY NAME Crowley Liner Services, Inc.	8. TYPE OF ORDER	
c. STREET ADDRESS 9487 Regency Square Blvd,	<input type="checkbox"/> a. PURCHASE REFERENCE YOUR: Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.	<input type="checkbox"/> b. DELIVERY - Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.
d. CITY Jacksonville	e. STATE FL	f. ZIP CODE 32225-8126

9. ACCOUNTING AND APPROPRIATION DATA - 2008 - 70X - 4303000 - 70 - 0861 - 33 - 40ISL0 - 9 - 33 - 40ISL0 - 0 - - 25432 - 0861 - 0000 - 00	10. REQUISITIONING OFFICE DOT/Maritime Administration, Western Region
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11. BUSINESS CLASSIFICATION (Check appropriate box(es)) <input type="checkbox"/> a. SMALL <input checked="" type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED
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12. F.O.B. POINT Destination	14. GOVERNMENT B/L NO.	15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date) 09/30/2008	16. DISCOUNT TERMS 10 days % 20 days % 30 days % days %
13. PLACE OF a. INSPECTION b. ACCEPTANCE			

17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	SEE LINE ITEM DETAIL					

SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT	19. GROSS SHIPPING WEIGHT	20. INVOICE NO.		17(h) TOT. (Cont. pages) 17(i) GRAND TOTAL \$740,000.00
	21. MAIL INVOICE TO: Susan Wong				
	a. NAME DOT/ Enterprise Services Center (ESC) OFO/FAA, Oklahoma City				
	b. STREET ADDRESS (or P.O. Box) MARAD A/P WR Invoices Branch, AMZ-150 PO Box 25710,				
	c. CITY Oklahoma City	d. STATE OK	e. ZIP CODE 73125		

22. UNITED STATES OF AMERICA BY (Signature) 	23. NAME (Typed) Patricia L. Etridge TITLE: CONTRACTING/ORDERING OFFICER
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**ORDER FOR SUPPLIES OR SERVICES
SCHEDULE - CONTINUATION**

PAGE NO.
3 of 3

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER 02/11/2008	CONTRACT NO. DTMA8C05014	ORDER NO. CLS14W08017
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ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
0001	<p><i>CAPE ISLAND)</i> <i>CLIN 0302AE; PROJECT NO. CLS ISL08 1005 A</i> <i>M&R REPAIRS</i> <i>PRWRSM08091</i></p> <p>Cost reimbursable items (see Attachment J-9) individually funded via task order</p> <p>Base year 3, Ship group 14, Ship 2 (CAPE ISLAND) CLIN 0302AE; PROJECT NO. CLS ISL08 1005 A M&R REPAIRS</p> <p>The purpose of this project is to accomplish marad approved specific work items on the ship's approved business plan, as identified below. All completed work shall be in compliance with applicable standards as set forth in the Ship Manager contract at C.6.3, Compliance Documents, and subparagraphs thereto, at the time of acceptance. (Work Item List) See attached.</p> <p><i>Delivery Date</i> 09/30/2008</p> <p>Reference Requisition: PRWRSM08091 <i>DIST: SM/CO/COTR/FINANCE</i></p>	1.00	LOT	740,000.000	740,000.00	

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17i) ⇒ \$740,000.00

Award/Contract	Document No. CLS14W08017	Document Title CLS14W08017 ISL REPAIRS	Page 1 of 8
-----------------------	------------------------------------	--	-------------

TABLE OF CONTENTS

SECTION C -- Descriptions and Specifications	2
C.1 STATEMENT OF WORK	2

Award/Contract	Document No. CLS14W08017	Document Title CLS14W08017 ISL REPAIRS	Page 2 of 8
-----------------------	------------------------------------	--	-------------

SECTION C -- DESCRIPTIONS AND SPECIFICATIONS

C.1 STATEMENT OF WORK

CAPE ISLAND - PRWRSM08091 REPAIRS

SR 1102064, SWITCHBOARD BREAKERS, RENEW

FURNISH ALL NECESSARY LABOR, MATERIAL AND EQUIPMENT TO ACCOMPLISH ALL WORK REQUIRED BY THIS SPECIFICATION TO BREAKER PANEL "D" ON THE MAIN SWITCHBOARD.

All work is to be done in conjunction with the vessel's Chief Engineer. Contractor shall provide a written and precise timeline for the work scope. This work will require a complete shutdown of the vessel's electrical system except for the Emergency Lighting circuits through the EDG Switchboard. Contractor is to disconnect all components in Breaker Panel 'D' 3 only. Contractor to remove all breakers, buss-tie connections, and tulip connections. Contractor to thoroughly clean all vacated areas, including buss-bar. Buss-bar is to be free of any residual tarnish. Contractor to provide and install new buss-tie connections and tulip connections. Contractor to make all necessary effort to utilize existing mounting holes on the Buss-Bar and eliminate the need for any new holes being drilled. Contractor to provide and install new 'Powder-coated' face panel. Panel color to match existing panels. Contractor to provide and install twenty-four (24) new circuit breakers. New Circuit Breakers are to be Cutler Hammer FDC30XX style, Series 'C', 600 volt, 3 pole, 100,000 amp IC @ 4809 volts with thermal magnetic trips. New Circuit Breakers are as follows: 3 each - 15 amp; 2 each - 30 amp; 3 each - 40 amp; 1 each - 50 amp; 7 each - 70 amp; 4 each - 90 amp; 2 each - 100 amp; 2 each - 125 amp. All Breakers to be sized for proper protection in a 480 volt Delta Wound System. Breakers No. P446 and P447 are Shunt Trip Breakers. Contractor to provide all new fasteners and hardware. Contractor to provide new nameplate tags, white-on-black, and be applied as per original layout attachment. Contractor shall be responsible for all support during shutdown phase of work. All work shall conform to ABS and USCG Rules and Regulations. Use the following list for label verbiage and layout:

SR 1102065, #1 LO PUMP MOTOR CONTROLLER, REPLACE

FURNISH ALL NECESSARY LABOR, MATERIAL AND EQUIPMENT TO REPLACE THE FOLLOWING MOTOR CONTROLLER:

#1 MAIN LUBE OIL SERVICE PUMP MOTOR CONTROLLER
NEMA 3; HP 40; FL Amps 52; HTR Type Cutler Hammer H1049
Enclosure Size 31" W X 12-1/2" D X 50" T; BIW # SK 366-E6-29
Weight 200 LBS; Material 14 Ga Steel; Drip Edge Top

ADDITIONAL WORK:

Replace the main disconnect mechanism and switch, Box is to be painted inside and out, match main switchboard color, Rebuild and reseal all wire pass throughways.

All work shall conform to ABS and USCG Rules and Regulations

SR 1102067, #1 MAIN LO SERVICE PUMP, REPAIR

CONTRACTOR IS TO FURNISH ALL NECESSARY LABOR, MATERIAL AND EQUIPMENT TO ACCOMPLISH THE FOLLOWING REPAIRS TO THE PUMP LISTED BELOW. ANY ADDITIONAL REPAIRS FOUND NECESSARY IS TO BE VERIFIED BY THE VESSEL'S CHIEF ENGINEER, AND SUBMITTED ON A SEPARATE CONDITION FOUND REPORT TO THE VESSEL'S PORT ENGINEER WITHIN 72 HOURS OF DISCOVERY.

#1 MAIN LUBE OIL SERVICE PUMP, DeLaval 324TSD

Pump coupling to be unbolted to separate pump from motor. Suction and Discharge piping connections to be unbolted. Contractor to ensure that all escaping lube oil is caught and disposed of, so that it is not allowed to contaminate the bilge tank top areas.

Pump assembly is to be removed from the foundation and transported to a certified repair facility. Pump is to be disassembled, cleaned, and inspected. Measurements of all rotors and idlers are to be carefully taken to ensure all measurements are within the manufacturer's recommendations. Contractor is to provide and install new bearings.

Award/Contract	Document No. CLS14W08017	Document Title CLS14W08017 ISL REPAIRS	Page 3 of 8
-----------------------	------------------------------------	--	-------------

Contractor is to reassemble pump assembly. Pump assembly is to be reinstalled in it's foundation. Contractor is to thoroughly clean and re-grease coupling and re-install.

Contractor is prove pump operationally to the satisfaction of the vessel's Chief Engineer.

All work is to be accomplished to the satisfaction of the vessel's Chief Engineer and conform to all ABS requirements.

SR 1102068, ENGINE ROOM VENT SYSTEM, CLEAN & REPAIR

E.R. VENT SYSTEM, Clean & Repair

Furnish all necessary labor, material and equipment to clean the internal sections of the Engine Room Ventilation System Ducting. Provide repairs as found necessary to plenums and ducting.

SR 1102070, STERN RAMP MOTOR & PUMP REPAIRS

Furnish all necessary labor, material and equipment to overhaul the Stern Ramp Pump & Motor assemblies. The pump is to be rebuilt to manufacturer's specifications. Pump is to be properly uncoupled from the motor, unbolted, and rigged out to a certified repair facility. Pump is to be opened up, inspected, and cleaned. A written condition found report is to be submitted to the vessel's Port Engineer within 72 hours after receipt of pumps. The motor is to be cleaned, dipped, baked and balanced, with new bearings. This work will return the equipment to the performance level of the original equipment as it applies to the current requirements of the vessel. All repairs shall be accomplished in accordance with ABS, USCG and original equipment technical documentation.

SR 1102071, CONTROL AIR PIPING, REPAIR & MODIFY

Furnish all necessary labor, material and equipment to modify the existing Control Air Piping system in order to balance system between Control Air and Supply Air systems. Contractor is to ensure that all piping is thoroughly cleaned after completion of all repair work. This work will return the equipment to the performance level of the original equipment as it applies to the current requirements of the vessel. All repairs shall be accomplished in accordance with ABS, USCG and original equipment technical documentation.

SR 1102072, WINCH BRAKES, MODIFY

Furnish all necessary labor, material and equipment to modify the existing mooring winch brakes from a geared to a friction brake banded system as per the Cape Inscription and Cape Isabel. This work will return the equipment to the performance level of the original equipment as it applies to the current requirements of the vessel. All repairs shall be accomplished in accordance with ABS, USCG and original equipment technical documentation.

SR 1102074, MAIN GEAR CASE DEMISTER, PROVIDE & INSTALL

Furnish all labor, material and equipment to provide and install a new TRION, type IMP, model 38 series oil mist precipitator on the main reduction gears as per the Cape Inscription and Cape Isabel. Contractor is to properly provide and install the required mounting brackets, and provide all electrical power, including necessary breakers, wiring, and controllers. This work will return the equipment to the performance level of the original equipment as it applies to the current requirements of the vessel. All repairs shall be accomplished in accordance with ABS, USCG and original equipment technical documentation.

SR 1102075, DISTILLER, REPAIR

Furnish necessary labor, material and equipment to provide and install new welded type jacket water heaters for the #1 & #2 Distillers. This work will return the equipment to the performance level of the original equipment as it applies to the current requirements of the vessel. All repairs shall be accomplished in accordance with ABS, USCG and original equipment technical documentation.

SR 1102076, W.T. DOOR AT FRAME 172, INSTALL

Furnish necessary labor, material and equipment to provide and install new walk-through water tight access doors in the WT Doors at Frame 172. The new doors are to conform to all Regulatory Body requirements concerning watertight integrity. This work will return the equipment to the performance level of the original equipment as it applies to the current requirements of the vessel. All repairs shall be accomplished in accordance with ABS, USCG and original equipment technical documentation.

SR 1102078, STACK VIDEO, PROVIDE & INSTALL

Award/Contract	Document No. CLS14W08017	Document Title CLS14W08017 ISL REPAIRS	Page 4 of 8
-----------------------	------------------------------------	--	-------------

Furnish all necessary labor, material and equipment to provide and install new stack emissions video monitoring and recording system. A color camera is to be installed in a suitable position to record a visual report of the main stack outlet emissions to a digital video recorder and monitor. The recorder and monitor are to be located on the bridge with a remote monitor located in the engine room control room. All work shall conform to ABS and USCG Rules and Regulations.

SR 1102079, BRIDGE WING DOORS & WINDOWS, REPAIR

Contractor is to provide all labor, materials and equipment necessary to crop out existing bridge wing sliding doors and replace with USCG approved, self closing, watertight doors as currently being installed in newly constructed vessels. This work will return the equipment to the performance level of the original equipment as it applies to the current requirements of the vessel. All repairs shall be accomplished in accordance with ABS, USCG and original equipment technical documentation.

SR 1102080, HOUSING PLUMBING, REPAIR

Furnish necessary labor, material and equipment to replace the shower mixing valves, toilet flushometers and shutoff valves in all vessel crew and officer quarters. In addition Contractor is to repair all of the drains in the Electricians Stateroom. This work will return the equipment to the performance level of the original equipment as it applies to the current requirements of the vessel. All repairs shall be accomplished in accordance with ABS, USCG and original equipment technical documentation.

SR 1102081, QUARTERS HABITABILITY, REPAIR

Furnish necessary labor, material and equipment to renew the bulkhead panels in all water closets in crew quarters on the vessels Boat and Main Decks. New deck tiling to be installed on all water closet decks and shower stalls. This work will return the equipment to the performance level of the original equipment as it applies to the current requirements of the vessel. All repairs shall be accomplished in accordance with ABS, USCG and original equipment technical documentation.

SR 1102082, LAGGING & INSULATION, REPAIR

Furnish all necessary labor, material and equipment to replace defective lagging and insulation in the following areas:

Main steam strainer assembly, including drain lines,

DC Heater drop line

Main Steam Line from Main Boilers to Main Turbines

Port & Starboard Soot Blowers

This work will return the equipment to the performance level of the original equipment as it applies to the current requirements of the vessel. All repairs shall be accomplished in accordance with ABS, USCG and original equipment technical documentation.

SR 1102083, ELEVATOR, REPAIR & CERTIFY

Furnish all necessary labor, material and equipment to replace all door switches, safety devices, car level indicators, and counter weight guide shoes. All work to be done in accordance with the manufacturer's specifications and procedures. The elevator is to be tested and certified as per all State & Local regulations. This work will return the equipment to the performance level of the original equipment as it applies to the current requirements of the vessel. All repairs shall be accomplished in accordance with ABS, USCG and original equipment technical documentation.

SR 1102084, #1 MN. CONDENSATE PUMP MOTOR, OVERHAUL

Furnish necessary labor, material and equipment to overhaul the follow motor:

#1 Main Condensate Pump Motor

The motor is to be properly rigged out to a certified repair facility. The motor is to be cleaned, dipped, baked and reinsulated.

New bearings are to be installed. Motor is to be properly rigged back into place and properly re-aligned to the pump assembly.

This work will return the equipment to the performance level of the original equipment as it applies to the current requirements of the vessel. All repairs shall be accomplished in accordance with ABS, USCG and original equipment technical documentation.

SR 1102093, S.W. SERVICE PUMP, PROVIDE AND INSTALL

Contractor is to provide all necessary labor, material and equipment to provide and install one (1) new updated variable speed, constant pressure saltwater service pump, motor and controller and foundation to facilitate - 800 gpm, with a total head of 101 feet. Contractor is to provide all labor and materials to remove old pump, motor controller and foundation. Make any

Award/Contract	Document No. CLS14W08017	Document Title CLS14W08017 ISL REPAIRS	Page 5 of 8
-----------------------	------------------------------------	--	-------------

modifications to piping to facilitate new pump installation. This work will return the equipment to the performance level of the original equipment as it applies to the current requirements of the vessel. All repairs shall be accomplished in accordance with ABS, USCG and original equipment technical documentation.

SR 1102094, 900-35# REDUCING STATION, REPLACE

Furnish all necessary labor, material and equipment to provide and install a new Leslie Reducing Station. Contractor is to provide all new gaskets and stainless steel fasteners.

SR 1102096, QUARTERS VENT SYSTEM, CLEAN & REPAIR

Contractor to provide all necessary material, equipment and labor to perform the following:

GALLEY:

Clean exhaust system (E02-187-1) and supply system (S1-177-2), including fans, housing, walls, dampers and access panels. Clean approximately 120 ft of galvanized bare exhaust air ducting, including horizontals and risers. Clean approximately 140 ft of galvanized bare supply air ductwork, including horizontals and risers. Clean eleven (11) supply air diffusers. Clean all associate exhaust hoods and grilles. Coat all cleaned and exposed areas with a safe encasement coating system. Furnish and install all necessary access doors needed for cleaning and coating.

FILTER UPGRADE

Remove all existing Auto-roll housings. Provide and install new framing for pocket filters (24"x24"x6"). Provide and install twenty-four (24) new pocket filters. Provide three (3) extra sets of pocket filters (total of 72 filters)

HEAD EXHAUST:

Clean exhaust fan, unit housing, walls, dampers and access panels. Clean approximately 360 ft of galvanized bare exhaust air ducting, including horizontals and risers. Clean forty-one (41) exhaust air grilles. Furnish and install all necessary access doors needed for cleaning and coating.

LAUNDRY EXHAUST:

Clean exhaust fan, unit housing, walls, dampers and access panels. Clean all associated galvanized bare exhaust air ducting, including horizontals and risers in three (3) laundry rooms. Furnish and install all necessary access doors needed for cleaning and coating.

STEAM COILS:

Disconnect and remove obsolete steam preheat coils from system ducting. Fabricate and install sheet metal duct transition pieces to seal off ductwork. Remove and cap off steam supply and return lines.

SYSTEM BALANCING:

Provide and install approximately forty-five (45) new room thermostats. Balance system airflow to all spaces.

MISCELLANEOUS SPACES:

Clean exhaust fan, unit housing, walls, dampers and access panels in the exhaust systems of the Garbage room and Battery Room. Clean supply fan, unit housing, walls, dampers and access panels in the Emergency Generator room. Clean all associated galvanized bare exhaust air ducting, including horizontals and risers. Furnish and install all necessary access doors needed for cleaning and coating.

SR 1102644, AUXILIARY CONDENSATE PUMP, OVERHAUL

CONTRACTOR IS TO FURNISH ALL NECESSARY LABOR, MATERIAL AND EQUIPMENT TO ACCOMPLISH THE FOLLOWING REPAIRS TO THE AUXILIARY CONDENSATE PUMP LISTED BELOW. ANY ADDITIONAL REPAIRS FOUND NECESSARY IS TO BE VERIFIED BY THE VESSEL'S CHIEF ENGINEER, AND SUBMITTED ON A SEPARATE CONDITION FOUND REPORT TO THE VESSEL'S PORT ENGINEER WITHIN 72 HOURS OF DISCOVERY.

AUXILIARY CONDENSATE PUMP, Warren Pump, type 2-2CV-13

Pump coupling is to be unbolted and disconnected from the pump and motor. Pump Motor is to be unbolted and set aside for Owner's disposition. Pump outer casing is to be unbolted and rigged off. Casing and casing flanges to be thoroughly cleaned of all gasket material and debris. Pump impeller assembly removed. Inner pump casing to be thoroughly cleaned and inspected. Impeller assembly is to be completely dismantled and thoroughly cleaned. Contractor is to provide and install casing and wear rings, new mechanical seal assembly, new throat liner, new sleeve bearings, and grease seals. Contractor is to ensure that all clearances are within manufacturer's tolerances. Upon satisfactory inspection by the vessel's Chief Engineer, Contractor is to reinstall rotating assembly, ensuring that assembly rotates freely after installation. Contractor is to reinstall outer pump casing, using new, vessel approved gasket material.

Award/Contract	Document No. CLS14W08017	Document Title CLS14W08017 ISL REPAIRS	Page 6 of 8
-----------------------	------------------------------------	--	-------------

All work is to be accomplished to the satisfaction of the vessel's Chief Engineer and conform to all ABS requirements.

SR 1102645, #1 F.O. SERVICE PUMP, OVERHAUL

CONTRACTOR IS TO FURNISH ALL NECESSARY LABOR, MATERIAL AND EQUIPMENT TO ACCOMPLISH THE FOLLOWING REPAIRS TO THE No. 1 FUEL OIL SERVICE PUMP LISTED BELOW. ANY ADDITIONAL REPAIRS FOUND NECESSARY IS TO BE VERIFIED BY THE VESSEL'S CHIEF ENGINEER, AND SUBMITTED ON A SEPARATE CONDITION FOUND REPORT TO THE VESSEL'S PORT ENGINEER WITHIN 72 HOURS OF DISCOVERY.

#1 FUEL OIL PUMP, De Laval IMO, type G30B5-218

Pump coupling is to be unbolted and disconnected from pump and motor assemblies. Pump is to be unbolted and removed from the pump foundation, and delivered to a certified pump repair facility. Pump is to be opened up, thoroughly cleaned, inspected, and all tolerances measured and recorded. Pump is to be reassembled and reinstalled. Upon completion of the owner furnished motor repairs, pump and motor are to be reconnected and proper alignment accomplished to the satisfaction of the vessel's Chief Engineer. All work is to be accomplished to the satisfaction of the vessel's Chief Engineer and conform to all ABS requirements.

SR 1102646, BILGE & BALLAST PUMP, OVERHAUL

CONTRACTOR IS TO FURNISH ALL NECESSARY LABOR, MATERIAL AND EQUIPMENT TO ACCOMPLISH THE FOLLOWING REPAIRS TO THE FIRE & BILGE PUMP LISTED BELOW. ANY ADDITIONAL REPAIRS FOUND NECESSARY IS TO BE VERIFIED BY THE VESSEL'S CHIEF ENGINEER, AND SUBMITTED ON A SEPARATE CONDITION FOUND REPORT TO THE VESSEL'S PORT ENGINEER WITHIN 72 HOURS OF DISCOVERY.

FIRE AND BILGE PUMP, Warren Pump, type 5-DBHVB-11

Pump coupling is to be unbolted and disconnected from the pump and motor. Pump Motor is to be unbolted and set aside for Owner's disposition. Pump outer casing is to be unbolted and rigged off. Casing and casing flanges to be thoroughly cleaned of all gasket material and debris. Pump impeller assembly removed. Inner pump casing to be thoroughly cleaned and inspected. Impeller assembly is to be completely dismantled and thoroughly cleaned. Contractor is to provide and install casing and wear rings, new mechanical seal assembly, new throat liner, new sleeve bearings, and grease seals. Contractor is to ensure that all clearances are within manufacturer's tolerances. Upon satisfactory inspection by the vessel's Chief Engineer, Contractor is to reinstall rotating assembly, ensuring that assembly rotates freely after installation. Contractor is to reinstall outer pump casing, using new, vessel approved gasket material.

All work is to be accomplished to the satisfaction of the vessel's Chief Engineer and conform to all ABS requirements.

SR 1102647, #2 LO PUMP MOTOR CONTROLLER, REPLACE

FURNISH ALL NECESSARY LABOR, MATERIAL AND EQUIPMENT TO REPLACE THE FOLLOWING MOTOR CONTROLLER:

#2 MAIN LUBE OIL SERVICE PUMP MOTOR CONTROLLER

NEMA 3; HP 40; FL Amps 52; HTR Type Cutler Hammer H1049;

Enclosure Size 31" W X 12-1/2" D X 50" T; BIW # SK 366-E6-29;

Weight 200 LBS; Material 14 Ga Steel; Drip Edge Top

ADDITIONAL WORK:

Replace the main disconnect mechanism and switch, Box is to be painted inside and out, match main switchboard color, Rebuild and reseal all wire pass throughways.

All work shall conform to ABS and USCG Rules and Regulations

SR 1102648, #1 MN CONDENSATE PUMP MOTOR CONTROLLER, REPLACE

FURNISH ALL NECESSARY LABOR, MATERIAL AND EQUIPMENT TO REPLACE THE FOLLOWING MOTOR CONTROLLER:

#1 MAIN CONDENSATE PUMP MOTOR CONTROLLER

NEMA 3; HP 50; FL Amps 63 ; HTR Type Cutler Hammer H1050;

Enclosure Size 17-1/8"W x 9-3/4"D x 32-1/8"T; Material 14 Ga Steel;

Drip Edge Top

Award/Contract	Document No. CLS14W08017	Document Title CLS14W08017 ISL REPAIRS	Page 7 of 8
-----------------------	------------------------------------	--	-------------

ADDITIONAL WORK:

Replace the main disconnect mechanism and switch; Box is to be painted inside and out, and match main switchboard color;
 Rebuild and reseal all wire pass throughways.
 All work shall conform to ABS and USCG Rules and Regulations

SR 1102649, #2 MN CONDENSATE PUMP MOTOR CONTROLLER, REPLACE
 FURNISH ALL NECESSARY LABOR, MATERIAL AND EQUIPMENT TO REPLACE THE FOLLOWING MOTOR CONTROLLER:

#2 MAIN CONDENSATE PUMP MOTOR CONTROLLER
 NEMA 3; HP 50; FL Amps 63; HTR Type Cutler Hammer H1050;
 Enclosure Size 17-1/8"W x 9-3/4"D x 32-1/8"T; Material 14 Ga Steel;
 Drip Edge Top

ADDITIONAL WORK:

Replace the main disconnect mechanism and switch; Box is to be painted inside and our, match main switchboard color;
 Rebuild and reseal all wire pass throughways.
 All work shall conform to ABS and USCG Rules and Regulations

SR 1102650, #2 MN CONDENSATE PUMP MOTOR, OVERHAUL
 FURNISH NECESSARY LABOR, MATERIAL AND EQUIPMENT TO OVERHAUL THE FOLLOW MOTOR:

#2 MAIN CONDENSATE PUMP MOTOR
 Reliance Order Number 3MA-893895; Motor DWG 705219; Hp 50;
 Speed 1175; Volts 440; Phase 3; Hertz 60; Windings Single;
 Bearings AFBMA 50BCO3XPP3M26; AFBMA 60BCO3XPP3M26
 Frame 365TP;

Motor to be properly rigged out to a certified repair facility. Motor to be cleaned, dipped, baked and reinsulated. New bearings to be installed. Motor to be properly rigged back into place and properly re-aligned to the pump assembly. Motor alignment to be to the satisfaction of the vessel's Chief Engineer.
 All work shall conform to ABS and USCG Rules and Regulations

SR 1102651, #1 MN LO PUMP MOTOR, OVERHAUL
 FURNISH NECESSARY LABOR, MATERIAL AND EQUIPMENT TO OVERHAUL THE FOLLOW MOTOR:

#1 MAIN LUBE OIL PUMP MOTOR
 Reliance Order Number 18Y-893895; Motor DWG 705214; Hp 40; Speed 1770;
 Volts 440; Phase 3; Hertz 60; Windings Single; Bearings AFBMA 35BCO3XPP3M26;
 AFBMA 55BCO3XPP3M26; Frame 324TSD

Motor to be properly rigged out to a certified repair facility. Motor to be cleaned, dipped, baked and reinsulated. New bearings to be installed. Motor to be properly rigged back into place and properly re-aligned to the pump assembly. Motor alignment to be to the satisfaction of the vessel's Chief Engineer. All work shall conform to ABS and USCG Rules and Regulations

SR 1102652, #2 MN LO PUMP MOTOR, OVERHAUL
 FURNISH NECESSARY LABOR, MATERIAL AND EQUIPMENT TO OVERHAUL THE FOLLOW MOTOR:

#2 MAIN LUBE OIL PUMP MOTOR; Reliance Order Number 18Y-893895;
 Motor DWG 705214; Hp 40; Speed 1770; Volts 440; Phase 3; Hertz 60;
 Windings Single; Bearings AFBMA 35BCO3XPP3M26; AFBMA 55BCO3XPP3M26;
 Frame 324TSD.

Motor to be properly rigged out to a certified repair facility. Motor to be cleaned, dipped, baked and reinsulated. New bearings to be installed. Motor to be properly rigged back into place and properly re-aligned to the pump assembly. Motor alignment to be to the satisfaction of the vessel's Chief Engineer. All work shall conform to ABS and USCG Rules and Regulations

Award/Contract	Document No. CLS14W08017	Document Title CLS14W08017 ISL REPAIRS	Page 8 of 8
-----------------------	------------------------------------	--	-------------