| QM - Ship Urgent Repair Budget/Schedule 10-19-16 | | | | | | | |
|---|----------|----|---------------|--|---------------------------|-----------------|-----------------|
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| Item | Priority | | Budget | Notes | Approved/ Not Approved | Scheduled Start | Completion Date |
| Expansion Joints | 1 | \$ | 650,000.00 | Structural - Three expansion joints, all three are rusted out and falling off. Critical item. | | | |
| Exterior - Prime & Paint at Top of House with Rust Repair | 1 | \$ | 1,000,000.00 | Structural - Existing paint has flaked, chipped and peeled exposing metal to the elements, creating multiple rusted areas compromising the structural integrity. | | | |
| Replacement of main cabled lighting and hoisting system along top of ship | 1 | \$ | 100,000.00 | Safety - Current sytem is inoperable due to unsafe accessability. New system will incorporate all OSHA standards into operation and maintenance. | | | |
| TOH Hand Fence and Railing | 1 | \$ | 7,500.00 | Safety - Currently, the funnel ladders are open and accessable to public. New fence will create a barrier, deterring general public from climbing the entire height of the service ladder attached to each funnel. | | | |
| Structural enhancement at tank, hull and propeller, and attached areas | 1 | \$ | 2,500,000.00 | Structural - This category includes numerous critical items taken directly from the Wyn Davies Marine Report. Includes Structural review of girders in the bottom tank, repairs to outer hull around propeller, watertight bulk head doors, added structural reinforcement as noted, etc. | | | |
| Misc Safety Issues | 1 | \$ | 100,000.00 | Safety - Hand rail repair, trip hazard barriers, employee entrance repairs at finance. etc. | | | |
| Repair Leaking Side Tanks at Exhibit Hall | 1 | \$ | 250,000.00 | Structural -Side tanks on both sides of ship are leaking onto and under lower exhibit floor. | | | |
| Health Dept. Upgrades | 1 | \$ | 350,000.00 | Health - MUA in R Deck and Promenade Kitchens, Trash Chute | | | |
| Fire Sprinkler Correction List | 1 | \$ | 200,000.00 | Fire Protection - City issued 1000 item list, currently half done. Begin after Dark Harbor | | | |
| Condensate pump system/line Repairs | 2 | \$ | 400,000.00 | Health & Safety - Constant leaks from original condensate lines and collection systems throughout create safety as well as health issues. | | | |
| Domestic Water Line Repairs | 2 | \$ | 750,000.00 | Health - In wall domestic water lines are leaking and creating health hazards. | | | |
| Structural Repairs | 1 | \$ | 1,072,100.00 | Structural - This project consists of removing the Exhibit hall flooring from structural posts welded to hull up to carpet, as well as compromised 8 foot false walls on three sides. Also includes misc metals boiler rooms 3 & 4. Entire area to be coated prepped and treated with recommended rust inhibiting coating. This project is noted in the Marine report as well. | | | |
| Replace Side Shell/Bridge Wings | 1 | \$ | 3,000,000.00 | Structural & Safety - The side shell at Promenade level is rusted main structural points are compromised. | | | |
| Demo Rusted Lifeboats | 1 | \$ | 500,000.00 | Safety - Non original lifeboats. The main keel of most of these is rusted completely through and area safety hazard. Along with Side Shell Replacement | | | |
| Propeller Box Renovation/Repairs | 1 | \$ | 78,000.00 | Structural & Safety - As noted in City monthly report, anodes are gone, sone there is no electrolitic protection to the outer hull. In addition, at the exterior waterline, the finish has peeled from the box exposing metal and rust, giving the potential for | | | |
| Bilge System Repair | 1 | \$ | 150,000.00 | Health and Safety - New pumps, floats, and pickups. Control Panels There is no current working bilge system. | | | |
| Relocate Sewage and Mechanical Room | 1 | \$ | 200,000.00 | Health & Safety - Sewage holding tanks are compromised and not readily accessable per current H & S guidelines | | | |
| Landside Utility Lines | 2 | \$ | 170,000.00 | Health and Safety - Water, Sewer, and fire protection lines are showing signs of wear and in need of replacement | | | |
| Electrical System Repairs, Code upgrades | 1 | \$ | 100,000.00 | Safety - GFA's on entire ship are inoperable. | | | |
| Storm Drain System Repairs | 2 | \$ | 250,000.00 | Health & Safety - Multiple drains are plugged, covered, and abandoned, creating in wall leaks and pooling. | | | |
| Roofing/Deck Repairs | 2 | \$ | 500,000.00 | Health & Safety -Teak decks are lifting and waterproofing is compromised. Trip and leak hazards. | | | |
| Internal structural suspension Repairs | 1 | \$ | 2,032,726.00 | Safety - Suspension and internal structural members require replacement. Pending Demo and structural reinforcement of Boiler rooms | | | |
| HVAC Repairs | 2 | \$ | 1,250,000.00 | Health - Pending P2S Space Review (Begins 10-10-16) To include extensive duct cleaning and refurbishment due to duct lining deterioration. | | | |
| Exterior - Prime & Paint at exterior hull with Rust Repair | 1 | \$ | 1,700,000.00 | Structural - Existing paint has flaked, chipped and peeled exposing metal to the elements, creating multiple rusted areas compromising the structural integrity. | | | |
| Replace Lifeboats with Fiberglass Molds | 1 | \$ | 400,000.00 | Structural - Due to removel of compromised lifeboats | | | |
| Sewer System Repairs | 1 | \$ | 900,000.00 | Health & Safety - Current sytem leaks excessively throughout ship. | | | |
| Structural Floor Repairs | 1 | \$ | 3,000,000.00 | Safety & Structural - Current Floor & infrastructure is rusted beyond repair. | | | |
| Fire panels | 1 | \$ | 1,950,000.00 | Safety - Upgrade and refurbish fire safety equipment, internal and external | | | |
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| | | \$ | 23,560,326.00 | Total | | | |