

MEMORANDUM
November 4, 2020TO: Richard Klimes, Director of Parks and Recreation
FROM: Nick Gow, Superintendent of Parks
SUBJECT: House Boat Dock Repairs

During the windstorm in August, the houseboat dock broke loose from the anchoring system and crashed into the jetty wall, causing significant damage to the dock, the gangway and the anchoring system. A claim was submitted to the City insurance company and quotes were received by Superior Seawall for the repair to the dock. One quote was for the repair of the dock, replacement of the gangway and replacement of the anchoring system using stiff arms for a total cost of \$65,560. The other quote was for the repair of the dock, replacement of the gangway and the transition from a stiff arm to a spud pole anchoring system for \$59,600.

Below are the details of the repairs being recommended:

SCOPE OF WORK – HOUSEBOAT DOCK

1. Mobilization / demobilization of needed listed
2. Removal & disposal of existing stiff-arm anchoring
3. Install (10) 10" spud pole roller in 5 locations, (2) per location, marked out by contractor and City of Muscatine
4. Pile drive (5) 8.75" spud poles to depth or refusal which is first
5. Concrete Stairs = Removed existing rail, use hammer drill to install $\frac{1}{2}$ " rebar on 12" OC, form and pour 4,000 lbs white rock mix over existing stairs, broom finish to give rough texture for traction
6. Gangway = Removal & disposal of existing gangway, install mounting hinge on dock, install 45' long x 40" wide aluminum gangway with (2) rails, wheels under gangway on landside and (1)12" wide x 40" long diamond tread transition plate
7. Replace damaged dock section connector
8. Reset existing float
9. Replace damaged hinge and (3) stiff-arms
10. Cleanup of work area and walk through project with client

Insurance has approved the repairs to the houseboat dock for a total of \$65,650. Staff is recommending the dock repairs with the transition of the anchoring system to the spud pole system. The spud pole system is used on both the courtesy dock and the transient dock, and will provide a safe and secure anchoring system on the houseboat dock for both the boaters and maintenance staff. Superior Seawalls, BMW Builders II and Muscatine Bridge were contacted on providing quotes for the services provided above, but only Superior Seawall was able to provide the services due to the need of specialized equipment to complete the work from the river including a barge, crane, tugboat and excavator. At this time staff is requesting an approval of a purchase order to Superior Seawall for \$59,600 for the details as listed above in the Scope of Work.



City of Muscatine



AGENDA ITEM SUMMARY

DATE: 11/11/20

STAFF

Nick Gow, Superintendent of Parks

Richard Klimes, Director of Parks and Recreation

SUBJECT DOT

Request to Approve Issuance of Purchase Order for Houseboat Dock System Repairs

EXECUTIVE SUMMARY

The Parks and Recreation Department requests approval to issue a purchase order for the repairs needed for the houseboat dock system. Three quotes were requested to perform the needed repairs as outlined in the attached division support memo under scope of services. The lowest and only quote received was from Superior Seawalls in the amount of \$59,600.00. Due to the specialized equipment needed to perform the required work in the harbor two vendors declined to bid on the project.

STAFF RECOMMENDATION

At this time, City staff would recommend the issuance of a purchase order to Superior Seawalls for \$59,600.00 for the repairs of the houseboat dock system located in the Muscatine Municipal Boat Harbor.

BACKGROUND/DISCUSSION

On August 10, 2020, our area experienced a severe windstorm that caused damage to the houseboat dock system located in the Muscatine Municipal Boat Harbor. During the storm, the wind caused the houseboat dock to break free from the anchoring system and to crash into the jetty wall. Damage was sustained to the dock, gangway, and anchoring system. The houseboat dock has 10 boat slips and is used by larger boats. Amenities to the dock include a gated security entrance, 30- and 50-amp electrical service, and consumable water.

CITY FINANCIAL IMPACT

The total cost of the project is \$59,600.00 and is covered by our City insurance.

ATTACHMENTS

Division Support Memo