The University of Southern Mississippi is considering the purchase of the following item(s). We ask that you submit your bid and retain one copy for your files. Right is reserved to accept or reject any part of your bid. Your quotation will be given consideration if received in Bond Hall, Room 214 on or before:

**2:00 p.m. CST**

October 2, 2019

**Bid No. 20-08**

The University of Southern Mississippi is considering the purchase of the following item(s). We ask that you submit your bid and retain one copy for your files. Right is reserved to accept or reject any part of your bid. Your quotation will be given consideration if received in Bond Hall, Room 214 on or before:

**2:00 p.m. CST**

October 2, 2019

Buyer: Steve Ballew

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<table>
<thead>
<tr>
<th>ITEM</th>
<th>QUANTITY</th>
<th>UNIT PRICE</th>
<th>TOTAL NET PRICE</th>
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**DESCRIPTION**

Bid 20-08
Structural Design, Stability Report and Modifications for Installation of Marine Deck-Mounted Crane on Endeavor 45

We quote you as above-F.O.B. The University of Southern Mississippi. Shipment can be made in _______ days from receipt of order. DATE _______ TERMS _______

Return quotation to Procurement Services at above address.

Signature Required
1.) Failure to examine any drawings, specifications, and instructions will be at bidder’s risk.

2.) Samples of items when called for must be furnished free of expense and if not destroyed in testing, will, upon request, be returned at the bidder’s expense. Request for the return of samples must be made within ten (10) days following opening bids. Each individual sample must be labeled with bidder’s name and manufacturer’s brand name and number.

3.) Bids must be signed and sealed with bidder’s name and address on the outside of the envelope, and the time and date of the bid opening and the bid file number shown in the lower-left corner of the packages; envelopes, express mailing labels, boxes, etc.

4.) In order for your bid to be considered, it must be received and time stamped in our office by 2:00 P.M. of the bid opening date. It is the responsibility of the vendor to ensure their bid is received within the appointed time. If your bid package is not received in Bond Hall, Room 214, by 2:00 P.M. of the bid opening date, it will not be considered.

If you are delivering your bid, you need to hand carry the bid package to:

The University of Southern Mississippi
Procurement Services
Bond Hall, Room 214
Hattiesburg, Mississippi

If you are mailing your bid package via U.S. Postal Service, mail to:

The University of Southern Mississippi
Procurement Services
118 College Drive #5003
Hattiesburg, MS 39406-0003

If you are express mailing your bid package via Federal Express or UPS, or any other delivery service which requires the use of a physical address, deliver to:

The University of Southern Mississippi
Receiving Department
2609 West 4th Street
Hattiesburg, MS 39401
5.) Bids or proposals shall not be modified, corrected, altered, or amended after the specified
closing time and the opening of such bids, unless otherwise noted in the request for bids
or proposals.

6.) The University of Southern Mississippi reserves the right to reject any and all bids, to
waive any informality in bids, and unless otherwise specified by the bidders, to accept
any items on the bid. If the bidder fails to state the time within which bids must be
accepted, it is understood and agreed that The University of Southern Mississippi shall
have 60 days to accept. The University of Southern Mississippi reserves the right to make
an award to this bid on an all or none basis, or on a line by line basis, whichever serves
the best interest of The University of Southern Mississippi.

7.) Contracts and purchases will be made or entered into with the lowest, responsible bidder
meeting specifications.

8.) A written purchase order or contract award mailed or otherwise furnished to the
successful bidder within the time of acceptance specified in the Invitation for Bid results
in a binding contract without further action by either party. The contract shall not be
assignable by the vendor in whole or in part without the written consent of The
University of Southern Mississippi.

9.) Bid files may be examined during normal working hours by bid participants. Non-
participants will be prohibited from obtaining any information relative to the bid until the
official award has been made.

10.) If purchase orders or contracts are canceled because of the awarded vendor’s failure to
perform or request for price increase, that vendor shall be removed from our bidders’ list
for a period of 24 months.

11.) No addendum will be issued within a period of two (2) working days prior to the time
and date set for the bid opening. Should it become necessary to issue an addendum
within the two-day period prior to the bid opening, the bid date will be reset giving
bidders ample time to answer the addendum.

12.) Alternate bids, unless specifically requested or allowed, will not be considered.

13.) Bid openings will be conducted open to the public. However, they will serve only to
open the bids. No discussion will be entered into with any vendor as to the quality or
provisions of the specifications, and no award will be made either stated or implied at the
bid opening. After the close of the bid opening meeting, the bids will be considered to be
in the evaluation process and will not be available for review by bidders. Proposal
openings are not required to be open to the public; however, the resulting award is open
for public inspection.

14.) Prices quoted shall be firm for the term of the contract or for the stated time of
acceptance.

15.) The bidder understands that The University of Southern Mississippi is an equal opportunity employer and, therefore, maintains a policy which prohibits unlawful discrimination based on race, color, creed, sex, age, national origin, physical handicap, disability, or any other such discrimination; and the bidder, by signing this bid, agrees during the term of agreement that the bidder will strictly adhere to this policy in its employment practices and provision of products or services.

16.) Bidders must upon request of The University of Southern Mississippi furnish satisfactory evidence of their ability to furnish products or services in accordance with the terms and conditions of these specifications. The University of Southern Mississippi reserves the right to make the final determination as to the bidder’s ability.

17.) Questions or problems arising from bid procedures should be directed to the Buyer listed on the solicitation at:

The University of Southern Mississippi
118 College Drive #5003
Hattiesburg, MS 39406-0001
Phone: (601) 266-4131

18.) All items must equal or exceed the specifications listed. The absence of detail specifications or the omission of detail description shall be recognized as meaning that only the best commercial practices are to prevail and that only first quality materials and workmanship are to be used.

19.) It is the intent of the specifications to obtain a product that will adequately meet the needs of the user while promoting the greatest extent of competition that is practicable. It is the responsibility of the prospective bidder to review the entire Invitation to Bid packet and to notify The University of Southern Mississippi if the Specifications, Instructions, General, or Special Conditions are formulated in a manner which would unnecessarily restrict competition.

20.) It shall be incumbent upon the bidders to understand the specifications. Any requests for clarifications shall be in writing and shall be submitted to our Procurement Services office at least five (5) days prior to the time and date set for the bid opening, unless otherwise noted in the bid or proposal specifications.

21.) The minimum specifications are used to set a standard and in no case are used with the intention to discriminate against any manufacturer. Bidders should note the name and the manufacturer and model number of the product they propose to furnish and submit descriptive literature.

22.) Trade names, brand names, and/or manufacturer’s information used in these specifications are for the purpose of establishing quality, unless otherwise noted. Bids on
products of other qualified manufacturers are acceptable, provided they are demonstrated as equal to those specified in construction, design and suitability. Each bidder shall submit with his bid a complete brochure with pictures on each item and shall point out specifically any deviations from the specified items. Failure to do so may disqualify any bid. Please bid as specified or an approved equal.

23.) A copy of the manufacturer’s standard guarantee/warranty shall accompany and become a part of this bid.

24.) There are no federal or state laws that prohibit bidders from submitting a bid lower than a price or bid given to the U.S. Government. Bidders may bid lower than U.S. Government contract price without any liability as The University of Southern Mississippi is exempt from the provisions of the Robinson-Patman Act and other related laws. In addition, the U.S. Government has no provisions in any of its purchasing arrangements with bidders whereby a lower price to The University of Southern Mississippi must automatically be given to the U.S. Government.

25.) All invoices, unless noted otherwise, are to be billed to:

   The University of Southern Mississippi
   Accounts Payable
   118 College Drive #5104
   Hattiesburg, MS 39406-0001

26.) All equipment bid shall be of current production and of the latest design and construction.

27.) Where all, or part(s), of the bid is requested on a unit price basis, both the unit prices and the extension of the unit prices constitute a basis of determining the lowest responsible and responsive bidder. In cases of error in the extension of price, the unit price will govern.

28.) Should the University of Southern Mississippi close due to inclement weather conditions, or any other unforeseen events on the bid opening date, sealed bids will open the following business day at the same time and location.

29.) As an alternative to traditional sealed bids in envelopes, the University of Southern Mississippi is capable of receiving electronic bid responses. While this option is available, it is not required and we ask that all potential respondents keep in mind that with any electronic system there could be delays or glitches with the submission process; therefore the University highly encourages traditional sealed bids which are either mailed or submitted in person. Should a vendor choose to submit their response electronically, please follow the instructions below using the following website: https://www.ms.gov/dfa/contract_bid_search/Home/Sell. On this site you will find helpful links to procurement opportunities, as well as a link to supplier registration. If not already registered in this system, potential bidders will first need to click on ‘Supplier
Registration’ and follow the steps outlined (a one-time process). Once registered, they can return to the original website and click on ‘Procurement Opportunities’ where they can either search by keyword for the bid they desire to respond to or leave the search box blank and click ‘Search’ for a listing of all current bids and proposals for the various State of Mississippi offices.

With regard to construction bids, there is one additional step required during the bid submission process. Along with the bid response and other attachments, contractors will also need to attach their Certificate of Responsibility (COR), or a statement that the bid enclosed does not exceed Fifty Thousand Dollars ($ 50,000.00). If their COR or such statement is not attached, the bid will be invalid and not considered.

AA/EOE/ADA1
Bid #20-08
Statement of Work for Structural Design, Stability Report and Modifications for Installation of Marine Deck-Mounted Crane on Endeavor 45

1.0 Introduction:

The University of Southern Mississippi School of Ocean Science and Engineering (SOSE) operates a Silver Ships Endeavor 45 workboat, hull number VSI43900F808, in support of undersea research in the Gulf of Mexico. The boat is maintained at the small boat basin in the Port of Gulfport, MS. The vessel was placed in service in 2009 and recently transferred to USM SOSE from the Mississippi Department of Marine Resources. Since construction, the vessel has been hauled at least twice for minor repairs and also some extensive below the waterline hull plate replacement in 2013 by Silver Ships. The craft was manufactured by Silver Ships Inc. in Theodore, Alabama, and did not include a deck mounted crane. USM SOSE has a new requirement for a deck mounted Davit or crane to be installed on the craft to facilitate safe alongside deployment and recovery of Unmanned Undersea Vehicles, ranging in weight up to 700 lbs. and 14 feet in length. In addition to the crane, other refurbishment and hull modifications will be required, including an aft extension of the main deck and a separate J-davit & winch for dipping sensors over the side.

2.0 Scope and Statement of Work:

1. Conduct structural engineering design and include fabrication drawings of the crane/vessel interface and hull modifications.
2. USM will conduct water transport to and from haul-out marina.
3. Survey hull and systems to verify work plans. Defuel vessel if required to support welding and hot work. Report any recommended deviations to scope/SOW to customer for approval.
4. Install recessed tie-downs such as “clover-leafs” in the aft deck; approximate count: 12. They will be used for tie-down of Underwater Vehicles which will be deck-stowed on wheeled dollies or cradles.
5. Remove aft athwartships bulwarks.
6. Extend main deck aft by three (3) feet and remove existing dive platform.
7. Install new transom lift/lift gate to enable on-water access. The transom lift will lift cargo from the man deck to 1 foot below the waterline while remaining parallel to the main deck. The transom lift will have a capacity of 2000 lbs. The transom can be part of the aft deck extension. If transom lift not feasible, install fixed dive platform on new deck extension.
8. Install a movable boom crane (1000 lbs. capacity, electric winch) in order to handle a single unmanned vehicle up to 14 feet in length, weighing 700 lbs.
9. Install J-davit and associated cable winch capable of lowering and lifting items up to 300 lbs from the aft deck over the side to ocean depth of 150 feet, plus capability to tow a 50 lbs sensor (e.g., side scan sonar).
10. Install removable lifelines over transom opening and make existing aft railings removable.
11. Blast and paint bottom with antifouling paint. Power wash clean topside surfaces. Blast & paint topsides aft of cabin. Add additional Viking fendering on extended sides to
match existing fendering system.
12. Replace radar/navigation plotter with similar capabilities to current system.
13. Check powertrain for optimum performance and align, as necessary.
14. Replace zinc anodes.
15. Clean/flush freshwater and waste water systems.
16. Repair or, if necessary, provide estimate to replace inoperable Yanmar generator.
18. Install inclinometer on operator console.
19. Install a four inch diameter cable pass-through between the cabin and the after deck, to include rubber flaps to protect air conditioning boundary.
20. Install retractable window shades on all interior windows.
21. Provide estimate to install retractable canopy over half of aft working deck.
22. Provide estimate to install 12v-to-110v inverter and batteries to alternatively power cabin receptacles without a generator.
23. Conduct Sea Trial to verify all work.

Provide estimate of following as-necessary items in order for vessel to meet USCG compliance of paragraph 5.0 below

24. Update annual checks of fire extinguishers
25. Update annual check of life raft or replace.
27. Inspect/repair all running, deck and interior lights.
28. Inspect/replace horn.
29. Inspect/replace windshield motors and wipers, and properly affix defroster boxes.
30. Inspect engine fire suppression system.
31. Inspect/replace cracked seawater cooling piping main engines.
32. Conduct bilge cleaning

3.0 Deliverables:

a. Endeavor 45 vessel drawings to include structural design fabrication drawings of the crane/vessel interface.

b. Professional marine stability calculations and report, including maximum payload on aft deck and maximum number of personnel on vessel.

c. Operation and maintenance manuals for radar/navigation plotter, crane, davit, and transom lift.

d. Completion of altered vessel.

4.0 Schedule:

Receipt of vessel from customer should occur within 30 days of contract award. Early receipt is acceptable and encouraged. An estimate of time to complete the work shall be provided with estimate, updated upon receipt in shipyard and bi-weekly until completion.
5.0 **Special considerations:**


6.0 **Points of Contact**

For questions of a technical nature, contact:

Mr. Rich Delgado  
Coordinator, Unmanned Maritime Systems Programs  
The University of Southern Mississippi School of Ocean Science and Engineering (SOSE)  
rich.delgado@usm.edu  
(O) 228-214-9013  
(M) 985-788-1993

For questions of a business nature, and those pertaining to submission procedures, contact the Buyer listed on the Bid Coversheet at:

bids@usm.edu

7.0 **Site Visit**

Interested bidders will visit the vessel at 10:00 am CDT, on September 18, 2019 for a pre-bid site visit. The vessel is located at 1030 30th Avenue, West Pier – Port of Gulfport, Gulfport, MS, 39501. Bidders should contact Point of Contact to confirm attendance.

8.0 **Submission Instructions to Bidders**

Sealed offers for this bid request will be received on the date and time listed on the Request for Bids/Proposals coversheet.

Each bid **must** be submitted in a sealed envelope bearing on the outside the name “Bid #20-08 Marine Deck-Mounted Crane on Endeavor 45,” the name of the Vendor, and the opening date specified on the coversheet.

In order to ensure all interested bidders receive any addenda that may be issued, proposers must email their intent to propose using the Intent to Bid link on the USM Bid Calendar under Bid 20-08 prior to the deadline to submit.  
https://www.usm.edu/procurement-contract-services/current-bid-opportunities.

Interested bidders should submit one (1) original, two (2) copies, and one (1) electronic version (USB jump drive) of the bid in its **sealed envelope**. The proposal should be addressed as follows:
For regular mail:
   The University of Southern Mississippi
   Attn: Steve Ballew, Director of Procurement
   118 College Drive, Box 5003
   Hattiesburg, MS 39406
   Bid 20-08

For FedEx, UPS, or other express couriers:

   The University of Southern Mississippi
   Attn: Steve Ballew, Director of Procurement
   2609 W. 4th Street
   Hattiesburg, MS 39401
   Bid 20-08

Hand-carried responses should be brought to:

   The University of Southern Mississippi
   Attn: Steve Ballew, Director of Procurement
   214 Bond Hall
   Hattiesburg, MS 39406

As an alternative to traditional sealed proposals in envelopes, the University of Southern Mississippi is capable of receiving electronic bid responses. While this option is available, it is not required and we ask that all potential respondents keep in mind that with any electronic system there could be delays or glitches with the submission process; therefore the University highly encourages traditional sealed responses which are either mailed or submitted in person. Additionally, the University will not be responsible for issues with attempted submissions of bids using the electronic method. Please note that emailed bids will not be accepted. Should a vendor choose to submit their response electronically, please follow the instructions below using the following website: https://www.ms.gov/dfa/contract_bid_search/Home/Sell. On this site you will find helpful links to procurement opportunities, as well as a link to supplier registration. If not already registered in this system, potential bidders will first need to click on ‘Supplier Registration’ and follow the steps outlined (a one-time process). Once registered, suppliers can return to the original website and click on ‘Procurement Opportunities’ where they can either search by keyword for the bid they desire to respond to or leave the search box blank and click ‘Search’ for a listing of all current bids and proposals for the various State of Mississippi offices.

Any bid may be withdrawn prior to scheduled time for the opening of bids or authorized postponement thereof. Any bid received after the time and date specified will not be considered.

The University of Southern Mississippi reserves the right to accept or reject any or all proposals and to waive any formalities.

Vendors are responsible for examining all specifications, terms, conditions, and instructions of this request. Failure to do so will be at Vendor’s risk.
APPENDIX A- Standard Contract

A properly executed contract will be the result of this Request for Bids. After an award has been made, it will be necessary for the winning Vendor to execute a contract with the University. The inclusion of this contract template in Appendix A does not preclude the University from, at its sole discretion, negotiating additional terms and conditions with the selected Vendor(s) specific to the projects covered by this Bid. If Vendor cannot comply with any term or condition of this Standard Contract, Vendor must list and explain each specific exception on a separate sheet. Keep in mind, the University, as a state agency, cannot agree to any of the following (though this is not an exhaustive list):

Limitations of liability
Indemnifying or holding another party harmless
Disclaimers of warranty of merchantability or fitness for a particular purpose
Binding arbitration
Governing law and venue of another state other than Mississippi
Waiver of its rights, including right to a trial jury
Paying attorney’s fees (unless so awarded by a court of competent jurisdiction)