

Sole Source Certification Request

Project Title: MAHI Controller Sense Hardware Upgrade and Controller Software Upgrade and License Renewal			
Contact Information			
Agency/Institution: University of Southern Mississippi		Contact Person: Alison Kinnaman	
Mailing Address: 1030 30 th Ave Gulfport, MS 39501		Phone Number: 228-214-9024	
		Email Address: alison.kinnaman@usm.edu	
MAGIC Customer #: (Only required from state agencies.)		Division/Dept: Ocean Enterprise	
Project Summary			
Description of Project: (Include details of original acquisition if applicable)		I propose to purchase a MAHI Controller Sensor hardware upgrade, and a MAHI Controller software upgrade and license renewal for the NRL Task 4 study. The hardware/software is capable of converting vessels into unmanned, remotely-operated vessels in an exceptionally short amount of time.	
ITS Acquisition Approval (CP-1) should be effective through this date:			
Cost Estimates (Maximum allowed duration is 3 years per request/project)			
Fiscal Year	Initial Costs	Ongoing Costs	Time Constraints
FY 2024	22,595		Item Needed by: 4/16/2024
FY			Funds Expire: 4/30/2025
FY			Other Important Deadline(s): (e.g. current contract/CP-1 expiration dates)
Total Estimated Project Cost:			
Funding Source: Click Here to Select			
Discuss Funding: (e.g. fund number; how much of needed funding is definite; total project budget; any matching or other non-state funds)		Budget string: 16SFD.370002.02001.8006520 This is a relatively small dollar purchase, and the total project budget will allow for this \$22,595 expense.	
Acquisition Details			
Item or Part Number	Quantity	Description	Building Location(s)
NA	1	MAHI Sense hardware upgrade	Marine Research Center
NA	1	MAHI Software license renewal & upgrade	Marine Research Center
Describe Platform and Infrastructure: Where does your agency plan to house or host the requested equipment or service? What resources currently available through ITS are needed (network connectivity, cloud computing/storage, colocation, business resiliency, etc.)? NOTE: For equipment or services outside of current ITS available contracts and resources, justification must be attached.			
The MAHI hardware will be stored under the Marine Research Center in the garage. The software will be installed on our computers.			
Sole Source Certification - Certification must be renewed for each revision or continuation of previous Sole Source Approvals.			
Explain why these products or services are the only ones that can meet your needs: (Include specific functionality or special features that make this product or service unique.)		Under a previous Project, MAHI was a USM Research Partner on the development of a fully autonomous surface vessel to study physical processes in the north Gulf of Mexico. MAHI research was the development of the Controller, Sense hardware and software autonomy package. We currently want to upgrade our hardware and software with renewed licensing.	
Specific business requirements to be met by the products/services: (e.g. intended use, how it helps accomplish a task, etc.)		This package has been incorporated into USM Maritime Uncrewed System training program and curriculum and has been fully documented for both classroom and online training.	
Explain why this is the only entity that can provide the products/services: (Include other products/vendors researched or evaluated.)		MAHI Sense is an autonomous components company that provides hardware and software to customers to install on various types of vessels. USM currently possesses a MAHI Sense system tailored to our usage in the Ocean Cube and documented to meet our USM training program and curriculum. MAHI has proprietary software specific to their system and is the only company that can update our system both hardware and software.	
If for services or installations (not a product) the following two questions must be addressed.			
Explain below why the amount to be expended is reasonable:		Explain below what was done to obtain the best possible price:	
We are buying an upgrade to an existing system with associated licensing similar to what is currently in place with the same company.		Best price was looked at when we choose MAHI as our research partner. Currently want to upgrade USM existing system with the latest hardware, software, and license. Estimated to be cheaper in pricing, integration, and time than getting a new system.	
Vendor's proposal submitted: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (select only one)		Vendor's Certification of Sole Source attached: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
MAGIC Vendor Code(s) - Vendor must be in MAGIC before a CP-1 can be issued.			
Place Order To	Vendor Name:	Remit To	Vendor Name:
Vendor Code:	Vendor Address:	Vendor Code:	Vendor Address:

David Sliman / CIO

Name and Title (Agency Head/Public Institution CIO/Designee)

Signature

Date