

Sources Sought: Monitoring Technology Solutions for Shipyard Efficiency

Frequently Asked Questions

Q: Is this for a single Naval Shipyard?

A: Yes, initially it would be for a single shipyard but there is potential to expand the technology to other shipyards based on successful development and implementation at one.

Q: Is WiFi the only technology NCMS is willing to evaluate?

A: WiFi is not the only technology that we are considering. We are open to consider and evaluate all existing and emerging technologies.

Q: Will the forklifts remain within WiFi coverage all the time?

A: Forklifts do not remain within WiFi coverage at all times.

Q: For tracking purposes, is there a preference on tracking via electronic signature of the device or via a sensor/tag?

A: Tracking via sensor/tag will be preferred.

Q: Can you share examples of the critical support equipment referenced in paragraph 4?

A: Examples: power generation systems, gas generation systems, water pumps etc.

Q: Is the production equipment/machinery IP enabled?

A: Not IP enabled.

Q: Is there already existing IT infrastructure at the shipyard? If so, can you share that information.

A: Yes, there is existing IT infrastructure. Local area network.

Q: How do you monitor the current wireless IT assets (laptops, tablets, PDA's, Cellphones etc.) to identify their location?

A: Currently these devices are monitored manually and their location is updated periodically.

Q: What maintenance database is currently used, if one at all?

A: Several locally developed databases are being used.

Q: Is the forklift monitoring to simply track time in service?

A: Yes, the forklift meter readings would be to track the operating time and to transfer it electronically to the database. Other sensors such as the to detect actual condition of the lubricant could be considered.

Q: Monitoring IT assets: is that a physical location monitoring or digital network monitoring? If physical, are we looking at desired chokepoints or real-time location monitoring.

a. Same question for support equipment.

A: Physical location monitoring of IT assets. Real time location monitoring is preferred. Real time for support equipment.

Q: By desired use of WiFi, can we architect a system that talks to WiFi connected gateways?

A: Yes

Q: Will the back end system be placed on new or existing local servers?

A: On existing local servers.

Q: Will the use of new sensor capability be considered (may not be on the Navy list yet)?

A: Yes, new sensor capabilities will be considered.

Q: Are clearances and US citizenship required?

A: US citizenship is required, Clearances can be requested once the project is awarded.

Q: How many pieces of maintenance equipment are being looked at as part of this?

A: Total number of equipment/devices is approximately 1300.

Q: Is hardware/equipment listed under "[salient features](#)" GFE/GFI, or are we expected to deliver that?

- *Per the sources sought, this includes:*
 1. *Battery powered/powering by the electric source of host equipment. GFE*
 2. *Internal/external sensors. To be delivered by the industry partner.*
 3. *Capability to sense vibrations, motion, location, viscosity, temperature etc. Capability of sensors to be delivered.*
 4. *One-way communication only (information/data transfer from host equipment to the end user). GFI*

Q: Is this online application a pre-qualifying exercise?

A: No

Q: Is there a dollar amount range for the award? –

A: The government does not have a budget in mind

Q: Is there a desired period of performance? –

A: No the government does not have a period of performance in mind

Q: What is the timing of the award?

A: It depends on the level of funding that has been identified.

