

**PERFORMANCE PROGRESS REPORT
SF-PPR**

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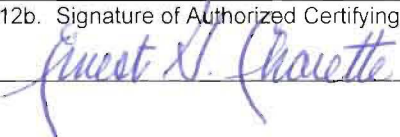
1. Federal Agency and Organization Element to Which Report is Submitted National Institute of Standards and Technology (NIST)		2. Federal Grant or Other Identifying Number Assigned by Federal Agency 60NANB10D031	3a. DUNS Number 001766682
			3b. EIN 04-210580
4. Recipient Organization (Name and complete address including zip code) Woods Hole Oceanographic Institution 183 Oyster Pond Road Woods Hole, MA 02543			5. Recipient Identifying Number or Account Number 2519883 490031SP
6. Project/Grant Period Start Date: (Month, Day, Year) 02/01/2010		7. Reporting Period End Date (Month, Day, Year) 12/31/2012 06/30/2011	8. Final Report? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
			9. Report Frequency <input type="checkbox"/> annual <input type="checkbox"/> semi-annual <input checked="" type="checkbox"/> quarterly <input type="checkbox"/> other (If other, describe: _____)

10. Performance Narrative *(attach performance narrative as instructed by the awarding Federal Agency)*

(Please see attached documents)

11. Other Attachments *(attach other documents as needed or as instructed by the awarding Federal Agency)*

12. Certification: I certify to the best of my knowledge and belief that this report is correct and complete for performance of activities for the purposes set forth in the award documents.

12a. Typed or Printed Name and Title of Authorized Certifying Official Ernest G. Charette Director of Facilities and Services	12c. Telephone (area code, number and extension) 1.508.289.2702
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12b. Signature of Authorized Certifying Official 	12e. Date Report Submitted (Month, Day, Year) July 5, 2011
	13. Agency use only

NIST Grant # 60NANB10D031
WHOI Project Number 49003100
Laboratory of Ocean Sensors and Observing Systems (LOSOS)
Progress Report 6 – 2nd Quarter 2011
Date: July 5, 2011.

Overall Project Baseline

The Woods Hole Oceanographic Institution (WHOI) received funding from NIST to construct a Laboratory for Ocean Sensors and Observing Systems (LOSOS). LOSOS will be an interdisciplinary center for scientists and engineers developing the next generation of sensors and supporting technology for ocean observation. It will specifically support the Ocean Observatories Initiative (OOI), the Martha's Vineyard Coastal Observatory (MVCO), the Ocean Bottom Seismometer Instrument Pool (OBSIP) and the Environmental Sample Processor (ESP) lab. The current planning provides for a 26,600 sq. ft. building on the WHOI Quissett Campus which will incorporate all of the scientific disciplines noted above. All aspects of the building function and operation, including sustainability and green construction will be thoroughly reviewed and updated throughout the project.

Update of Significant Results in Period

The design team completed the full construction documents on April 15. Early bid packages for the site work and structural steel were solicited in mid April and were received in early May. The preliminary certificate of compliance was received from the Cape Cod Commission (CCC) on 5/17. In April, WHOI applied for a new groundwater discharge permit (GDP) for the project with the Massachusetts Department of Environmental Protection (MADEP) combining the 2 current permits (process and sanitary) into one permit. The permit review process continues. After several informal discussions and one formal public meeting, the Town of Falmouth (TOF) Board of Health (BOH) agreed endorse the project and to sign off on the building permit prior to finalizing the GDP. Such action was contrary to normal BOH protocol. Columbia Construction Company (CCCI) has selected and assigned the project superintendent and the project manager. The TOF building inspector and fire prevention officer met with the WHOI project team on 5/19 to review the project documents for code compliance and identified any additional local building authority requirements. After providing the additional requested documents to the building inspector, the building permit was issued on 6/7. The design team issued three (3) addendums to the construction documents to clarify constructability details for the project and to address the local building authority's specific requirements. The site contractor was selected on 5/13 and the pre-construction meeting was held on 5/26. The structural steel supplier was selected on 5/27. The reinforcing steel supplier was selected on June 9. The elevator supplier was selected on June 13. The construction signage, fencing and erosion control has been installed for the construction site. The site was cleared of trees and underbrush on 6/23. The construction duration is estimated at 57 weeks from 6/7. The builders risk insurance was secured for the project.

Update of Significant Results in Period (continued)

The Davis-Bacon procedures and the Fraud Collusion Compliance procedures were submitted by WHOI and reviewed and approved by NIST. CCCI has bid nearly all the remaining trades for the project and are working towards finalizing the guaranteed maximum price (GMP). WHOI has developed a website with a link from its internal home page specific to the construction of LOSOS accessible to employees and other interested stakeholders which includes information on the science programs which will utilize the laboratory as well as construction photos and a webcam documenting the construction progress.

Milestones

Please see attached updated milestones chart (Project Schedule).

Technical Progress - Summary

- The design team issued the final construction documents on April 15.
- WHOI received the PCC from the CCC on May 17.
- WHOI applied to MADEP for a new GWDP which will replace the two existing GWDP (process and sanitary) for the project.
- WHOI received endorsement for the project from the Town of Falmouth BOH.
- The design team met with the TOF building inspector and fire prevention officer to review the construction documents and details of the project.
- WHOI was issued the building permit for the project on June 7.
- The design team issued several addendums to the construction documents to clarify constructability requirements.
- The following vendors were selected for the project: Site contractor (5/13); structural steel (5/27); reinforcing steel (6/9) and elevator (6/13).
- The site contractor began clearing the site and performing other site work on 6/13.
- The CM is currently soliciting all remaining quotations to finalize the GMP for the project.
- WHOI submitted the Davis Bacon procedures and Fraud Collusion Compliance procedures which were reviewed and approved by NIST.
- WHOI created a webpage specific to the construction of LOSOS which is accessible to employees and other interested stakeholders.

Technical Progress - Implications

The permitting process is complete and construction is underway.

Technical Progress – Current Status

The construction phase of the project is underway and reasonable, steady progress is being realized by the construction team. The desired occupancy date for the building is June 2012. The construction duration is estimated at 57 weeks from 6/7 making the expected occupancy date July 2012 .

Technical Progress – Mitigation of Risks

The construction activities include weekly construction meetings with the construction manager, architect and members of the design team as appropriate and the owner. The results of such meetings including daily communications of needs and expectations by all team members will continue to prove very beneficial in mitigating risks throughout the project.

Summary of Proposed Changes

There are no proposed changes to the scope of the project since the last report.

Problems and Opportunities

Problems – (None)

Opportunities – We will continue to pursue opportunities to add value to the overall project.

Organizational Issues

(None)

Upcoming Meetings and Project Events

Meetings

We will hold weekly construction meeting throughout the duration of the project.

Project events – (None)

Respectfully submitted

Ernest G. Charette

WHOI LOSOS Project Schedule

