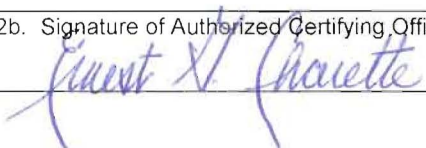


PERFORMANCE PROGRESS REPORT SF-PPR

		Page 1	of Pages 5
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	End Date: (Month, Day, Year) 12/31/2012	7. Reporting Period End Date (Month, Day, Year) 03/31/2011	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	
		12d. Email Address echarette@whoi.edu	
12b. Signature of Authorized Certifying Official 		12e. Date Report Submitted (Month, Day, Year) April 7, 2011	
		13. Agency use only	

NIST Grant # 60NANB10D031

WHOI Project Number 49003100

Laboratory of Ocean Sensors and Observing Systems (LOSOS)

Progress Report 5 – 1st Quarter 2011

Date: April 7, 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

WHOI submitted to the Cape Cod Commission (CCC), the regional regulatory authority over such projects, the final application for LOSOS project review on January 4, 2011. The application included comprehensive information on the following review topics: Land Use, Affordable Housing, Exterior Lighting Design, Waste Management, Energy, Natural Resources/Open Space, Heritage Preservation and Community Character, Transportation, Water Resources, and Economic Development. The CCC requested and was provided additional information on the construction and demolition waste plan during construction, the solid waste and recycling plans post occupancy and more data to address traffic site distance concerns at the main campus entrance. The application was deemed complete on February 2. Subsequently, the CCC also requested a letter of endorsement for the project from the Town of Falmouth Board of Selectmen (BoS) to satisfy the regional economic development criterion. WHOI met with the BoS on February 7, to present the project for review and the BoS voted unanimously in support of the project. The CCC subcommittee visited the proposed construction site on February 22. A public hearing on the project was held soon after the completion of the site visit. At the public hearing, although there were some minor comments expressed by one member of the general public concerning light pollution and ambient noise, the CCC subcommittee unanimously voted to present the project to the full CCC for approval. A second public hearing was held with the full CCC on March 17. The final approval, with conditions, was received as a result of that meeting. A 30 day appeals period is currently in effect and after its completion, WHOI is eligible to receive a Preliminary Certificate of Compliance (PCC). With the PCC in hand, WHOI can apply for a building permit. The design team had several meeting to develop value engineering and other construction cost reduction items for consideration.

Update of Significant Results in Period (continued)

These items have been resolved and some cost reductions were realized. The WHOI design team has moved into the construction documents (CD) phase of project with 50% CD's completed on March 18. The WHOI team expects to have 100% CD's, permit documents available for the building department's review and full bid documents completed by April 15. The construction manager (CM) is currently soliciting preliminary quotations for site work, concrete work and structural steel work from interested contractors for the project.

WHOI submitted an Owner Project Requirements (OPR) document and a Basis of Design (BOD) document to meet LEED documentation requirements. The project has a LEED certification target of Silver but continues to track LEED gold.

Milestones

Please see attached updated milestones chart (Project Schedule).

Technical Progress - Summary

- WHOI continued collecting all the documentation required for a formal regulatory filing with CCC.
- WHOI submitted to CCC, the final application for LOSOS project review on January 4, 2011. The application was deemed complete on February 2.
- WHOI received unanimous endorsement for the project from the Town of Falmouth Board of Selectmen on February 7.
- The CCC subcommittee visited the proposed construction site on February 22. A public hearing on the project was held and voted unanimously to present the project to the full CCC for approval.
- The full CCC held a second public hearing on March 17 and the final approval, with conditions, was received.
- WHOI is eligible to receive a PCC on April 17 after the receipt of which WHOI can apply for a building permit.
- The design team held several value engineering and cost reduction meetings.
- The WHOI design team completed 50% CD's on March 18.
- The WHOI team expects to have 100% CD's, permit and full bid documents completed by April 15.
- The CM is currently soliciting preliminary quotations for site work, concrete work and structural steel work.
- WHOI submitted an Owner Project Requirements (OPR) document and a Basis of Design (BOD) document to meet LEED documentation requirements.

Technical Progress - Implications

The regional regulatory process is taking longer than originally expected. As such, the expected start date for construction has been delayed.

Technical Progress – Current Status

The construction documents phase of the project is underway and reasonable, steady progress is being realized by the design team. The desired occupancy date for the building is June 2012. As a result of the extensive regulatory and permitting process, this date may need to be delayed. The CM has been engaging interested contractors in various aspect of the site work in anticipation of obtaining a building permit during the next quarter.

Technical Progress – Mitigation of Risks

The pre-construction activities including design team review of construction documents and the updated cost estimates as well as identifying value engineering opportunities 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 expect one additional meeting with each of the user groups to review construction documents in April which will ensure we capture all the affordable details on the project.

Project events – (None)

Respectfully submitted

Ernest G. Charette

WHOI LOSOS Project Schedule

