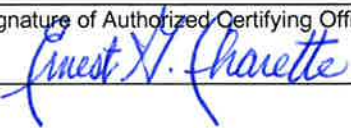


PERFORMANCE PROGRESS REPORT SF-PPR

		Page 1	of 5 Pages
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) End Date: (Month, Day, Year)		7. Reporting Period End Date (Month, Day, Year)	
02/01/2010 01/31/2010		09/30/2010	
		8. Final Report? ☐ Yes ☒ No	
		9. Report Frequency ☐ annual ☐ semi-annual ☒ quarterly ☐ 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) October 20, 2010	
		13. Agency use only	

NIST Grant # 60NANB10D031

WHOI Project Number 49003100

Laboratory of Ocean Sensors and Observing Systems (LOSOS)

Progress Report 3 – 3rd Quarter 2010

Date: October 20, 2010.

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

We conducted a ceremonial groundbreaking event with NIST, NOAA, State, Federal, local and WHOI officials in August. We are finalizing the contract documents with the architectural firm (Ellenzweig) and construction management firm (Columbia Construction Company). The schematic design continues to be developed with the users for the laboratory spaces and we are nearing completion of the final floor plans. We expect the design review will be complete in 4 to 6 weeks. The design of the landscape, civil and other site plans are in development and are approximately 60% complete. We have notified the local electrical utility of our plans and have completed the work order application required for service. We are developing the architectural expression of the building including the evaluation of a number of external siding materials. We have undertaken the pre-construction activities including reviewing schematic estimates and identifying value engineering opportunities. The Environmental Questionnaire and Checklist (NEPA Documents) has been submitted and is under review by NIST. The Covenant of Purpose, Use and Ownership is complete but was returned by NIST for an amendment and will be re-recorded at the local registry of deeds. We are creating the Davis Bacon compliance procedures and will submit them for NIST review in the next quarter. We are collecting all the documentation required for a formal regulatory filing with the Cape Cod Commission. The filing will be made during the next quarter.

Milestones

Please see attached milestones chart (Work Breakdown Structure)

Technical Progress - Summary

- Conducted a ceremonial groundbreaking event.
- Finalizing the contract documents with the architectural firm and construction management firm.
- Continuing with the schematic design with the users for the laboratory spaces.
- The development of the landscape, civil and other site plans continues.
- Notified the local electrical utility of our plans and have completed the work order application.
- Developing the architectural expression of the building.
- Undertaken the pre-construction activities including reviewing schematic estimates and identifying value engineering opportunities.
- Submitted the Environmental Questionnaire and Checklist (NEPA Documents) for NIST review.
- Correcting the Covenant of Purpose, Use and Ownership.
- Creating the Davis Bacon compliance procedures.
- Collecting all the documentation required for a formal regulatory filing with the Cape Cod Commission

Technical Progress - Implications

We have undertaken the pre-construction activities including the review of schematic estimates and are identifying value engineering opportunities which will begin to provide the cost implications of program requirements. Our focus on addressing the local regulatory issues for the project will help to ensure a reasonably swift completion of the regional regulatory process (estimated to be 90 days) once a formal filing is initiated.

Technical Progress – Current Status

The schematic design aspects of the project continue and reasonable, steady progress is being realized. We desire to complete a formal filing with the Cape Cod Commission, the regional regulatory agency, in November 2010. The desired occupancy date for the building is June 2012. We have ample time to meet that date.

Technical Progress – Mitigation of Risks

The pre-construction activities including reviewing schematic estimates and identifying value engineering opportunities providing the cost implications of program requirements will prove very beneficial in mitigating risks throughout the project.

Summary of Proposed Changes

There are no proposed changes since the last report.

Problems and Opportunities

Problems – None

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

Organizational Issues

None

Upcoming Meetings and Project Events

Meetings

We expect programming meetings with each of the user groups to continue over the next few weeks.

Project events - None.

Respectfully submitted

Ernest G. Charette

Project Schedule

