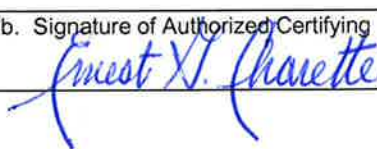


PERFORMANCE PROGRESS REPORT SF-PPR

		Page 1	of 4 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 01/31/2015		06/30/2010	
		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 2 – 2nd 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

The project sign is complete and will be installed once the actual construction project is underway. We had a preliminary meeting with Massachusetts Department of Environmental Protection (MADEP) to discuss expected design flow rates of sanitary and process wastewater from LOSOS. MADEP finds our report acceptable and we expect full support from them for the project. We have received a draft report of a required traffic study and we are reviewing the data internally prior to making the report final. The Certificate as to Project Site, Rights of Way and Easements is complete and has been submitted. The Environmental Questionnaire and Checklist is a work in process. The Covenant of Purpose, Use and Ownership is complete and signed. We completed the competitive selection process of architectural firms and have selected Ellenzweig of Cambridge MA as architect for the project. The architects directly involved with the project have completed the fraud prevention training. We most recently completed the competitive selection process of construction management firms and have selected Columbia Construction Company of Reading MA as construction manager for the project. We are actively working with Ellenzweig and the user groups on the programming and schematic design for the laboratory spaces. We are working with the environmental consultants on a report on the natural resource impacts of the project. We are meeting with the landscape architect and civil engineer to address final building location and orientation, parking and other site issues.

Milestones

Please see attached milestones chart (Work Breakdown Structure)

Technical Progress - Summary

- Completed project sign to NIST specifications.
- Met with Massachusetts Department of Environmental Protection (MADEP) to discuss waste water treatment for the project.
- Conducted a traffic study and are currently reviewing the draft report.
- Submitted required NIST documentation including the Certificate as to Project Site, Rights of Way and Easements and The Covenant of Purpose, Use and Ownership
- The Environmental Questionnaire and Checklist is substantially complete.
- Completed the competitive selection process of architectural firms and selected Ellenzweig as the project architect.
- Completed the competitive selection process of construction management firms and selected Columbia Construction Company as construction manager.
- Reviewing the natural resource impacts with environmental consultants.
- Identifying location and final orientation of the building.

Technical Progress - Implications

The selection of the architect and construction manager is a critically important one will to ensure an open, fair and competitive process. Our focus on addressing the local regulatory issues for the project will help to ensure a reasonably swift completion of the regulatory process (estimated to be 90 days)

Technical Progress – Current Status

The project is underway and reasonable, steady progress is being realized and particularly so now that the architect and construction manager have been selected. The desired occupancy date for the building is June 2012. We have ample time to meet that date.

Technical Progress – Mitigation of Risks

We have selected fully qualified candidates, highly recommended firms to professionally handle the breadth, depth and complexity of our proposed building which will prove very beneficial in mitigating risks throughout the project.

Summary of Proposed Changes

Our desire to include additional program in the building not originally included in our proposal to NIST(i.e. The Environmental Sample Processor (ESP) will be realized. The program includes a laboratory of approximately 500 square feet and two supporting offices of 125 square feet each. The result is the floor space for the laboratory increases to 26,600 sq. ft. from 21,000 sq. ft.

Problems and Opportunities

Problems – None

Opportunities – Working with the architect and construction manager, 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 months.

Project events - A ceremonial groundbreaking event is planned when all NIST, NOAA and WHOI officials on August 4, 2010.

Respectfully submitted

Ernest G. Charette