



Statement of Work

MBARI LRAUV Design Phase 2

6/10/2020

Julie Stanford

julie@slicedbreaddesign.com

650-799-7225

1. Goals

Sliced Bread Design will work with MBARI to create a modern, cohesive, and highly effective user experience for managing their LRAUV. This design effort will build on the concept sketches developed in Design Phase 1 to design and create a robust, effective user interface.

2. Services

Discovery and requirements

- Kick-off meeting: Conduct a new project kick-off meeting to discuss status of concept sketches to date, identify any new information that has come up
- Work with MBARI to refine and prioritize requirements for this design and development effort, communicated in a lightweight Product Requirements Document

Interaction and visual design

- Design detailed user interface wireframes that support the following functionality:
 - Areas with concept sketches to build on:
 - Overall Dashboard layout
 - Mission schedule
 - Command queue
 - Battery monitor
 - Areas without concept sketches:
 - Handoff
 - Data
 - Log
 - Docs
 - Vehicle state
 - Depth profile
 - New command creation
 - Map-centered interactions (science data, hover, timeline, etc.)
- Work with the development team to select basic UI visual elements package to use for visual design
 - Apply visual design elements to key wireframes to facilitate final implementation

- Deliverables include detailed wireframes for the functionality described above, clickable prototypes to support user testing, and visual design mockups for key screens

User testing

- Conduct two rounds of lightweight user testing on designs in progress as described above
 - Each user study will include 3-4 test subjects
 - MBARI will recruit test subjects for participation

Front end development

- Implement front-end of user experience
 - Create HTML/CSS screens that embody interaction and visual design
 - Connect front-end to back end APIs developed by MBARI
- 6 months follow-up maintenance

3. Deliverables

In summary, the following deliverables are included:

- Product requirements document
- Interaction design wireframes
- Clickable prototype to support testing
- Visual design mockups for key screens
- User testing summary documents
- Final implementation of front end
- 6 months of maintenance support

4. Timeline

Project duration	12 months
Estimated start date	January 2022
Estimated end date	12 months following the start date, including maintenance support

5. Pricing

Sliced Bread Design will charge this project at a fixed rate of \$160,000.

Payment schedule

- Upfront payment: Sliced Bread Design will invoice for \$60,000 at the start of the project.
- Ongoing payments: Sliced Bread will invoice for the remaining \$100,000 upon completion of key deliverables as follows:
 - Final design wireframes complete: \$50,000
 - Implementation release complete: \$40,000
 - Post-release maintenance (6 months) complete: \$10,000

Invoices are due in full, net 30.

6. Assumptions

- **The price includes:**
 - All meetings as needed to discuss the project and ensure its success\
 - Ownership of all work and IP created in this project. Design and implementation is considered work-for-hire and will be owned by MBARI.
- **The price does not include:**
 - Travel expenses (none are anticipated)
 - Participant incentives for user testing participation (none is anticipated)
- **Scope, cost, and duration**

In order for success on this project to be attained, the relationship between scope, cost, and duration (completion date) must be maintained. A change to any one of these three interrelated variables will affect the other two. For example, adding to the project scope will require an adjustment to either the cost of the project and/or the completion date.

To ensure completion of this scope of work within the fixed price and duration, the client agrees to the following:

- **Duration:**
 - Start date: TBD
 - Maximum end date: 12 months following the start date
- 48 hour (2 business days) turn around for review and approval of work

- Timely access to relevant project materials and personnel

If a question or issue requires additional services beyond this scope, we will agree upon a Change Request with scope, price, and payment terms before the additional services are performed.

Approval

This Statement of Work, effective _____ shall be governed by the terms of the Design Services Agreement entered into by the parties.

Sliced Bread Design, LLC
525 Mountain View Avenue
Mountain View, CA 94041

MBARI

Signature

Name Julie Stanford

Title Principal

Date

Signature

Name

Title

Date