**Amendment request information[[1]](#footnote-1)**

**Check box for type(s) of amendment requested:**

Scope (*change of location, change in metrics*)

Time extension

Cost (*increase, decrease, match change*)

|  |  |
| --- | --- |
| Project name | **Seahorse Siesta Barge Removal** |
| Project number | **16-1306** |
| Date of request | **11/23/2020** |
| Sponsor(s) | **Northwest Straits Foundation** |
| Lead Entity | **WRIA6** |
| Current end date | **6/30/2020** |

**Funding:**  (*grant manager may need provide information for this section*)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Current Amount | Biennium / year of funding | Amount remaining | Share | New funding amount | New share |
| Funding source: PSAR | $419,228 | 2017 & 2019 | $398,617 |  | $454,028 | %55 |
| Funding source: SRFB |  | 2019 |  |  | $100,000 | %16 |
| Funding source: SRFB cost increase fund |  |  |  |  | $118,000 |  |
| **SRFB/PSAR Funding Total** |  |  |  |  | **$672,028** |  |
| Funding source: ESRP | $46,815 | 2018 | $46,815 |  | $146,815 | %19 |
| Sponsor match | $30,417 |  | $28,978 |  | $84,000 | %11 |
| **Total SRFB/PSAR Match** |  |  |  |  | **$230,815** |  |
| **Project total cost** | **$550,043** |  | **$474,410** |  | **$902,843** |  |

**All requests:**

* Brief project summary: remove a large barge and bulkhead from the base of a feeder bluff. The structure extends waterward 98 feet from the toe of the bluff and 136 feet alongshore. Installed in the late 1960’s, placement of the barge along the shoreline created an elevated lawn near the beach for residents of the community. The structure has since deteriorated creating a safety hazard and is an impediment to shoreline processes and habitats. Removal will expose a sandy beach suitable for forage fish spawning and will improve nearshore habitats useful for migrating juvenile salmonids.
* Current project progress (as of Nov XXX): Excavation of fill has begun, but has been delayed while the contractor identified an alternate offloading site and additional funding was secured for the extra fill material removal. Construction is scheduled to resume on Monday, November 30.

**Cost increases:**

* Reason and justification for cost increase (*include any uncertainties*):

It has been determined that engineering calculations to determine the volume of fill inside the barge were grossly underestimated. Original assumptions were that the majority of the barge segment of the site consisted only of the wooden barge structure plus a minor amount of fill. Coastal Geologic Services calculated approximately 400 tons of potentially creosote-treated material that would need to be removed from the barge and hauled offsite for upland disposal.

Once excavation began, it was determined that the entirety of the barge area was filled with sandy sediment and is likely to also contain creosote due to the deterioration of the wooden structure over time. The new estimate assumes over 2,500 tons of material are present within the barge. Due to the potential for creosote contamination, these materials may not be suitable as beach nourishment. We submitted samples to a lab to see if some of the sand can be placed on the beach. This is resulting in a total cost increase of $405,000 for the additional removal, barge operations, and disposal. The sponsor will only request $352,800 from RCO.

* Actions taken to control costs or limit the cost increase: (*include any other funding sources pursued*):

It order to reduce the cost of sediment disposal, we are working to determine it any would be suitable for use on site as beach nourishment. Additional sediment samples were taken to determine if any of the extra fill material is clean enough (free of creosote) to use for beach nourishment. Lab results determined that contaminant levels are below MTCA levels. We received approval from DNR to use the materials on the beach, but we are working with the contractor and engineer to finalize quantities. We want to make sure we can screen out debris from the sediment so we are not placing the barge debris on the beach.

We have contacted all other funders to see if supplemental funding is available:

* USFWS is looking into the request, but their funding structure does not usually allow for additional funds
* WDNR Aquatic Restoration Program: All funding was reallocated to the general fund to support Covid-19 deficits.
* Offered transfer of funds from other NWSF sponsored projects:
  + NWSF has approximately $28,000 in unspent funds from our Sunlight Shores project that could be returned and transferred to this project. We are also willing to withdraw the Hidden Beach project at this time and transfer those funds to Seahorse Siesta ($128,800).
* Number of cost increases that have been previously requested for this project: None

**OGM comments:**

Since leaving some or all of the structure in place in order to stay within the existing budget would present a lost opportunity and fail to meet the objectives of the project and PSAR and ESRP grant programs, the sponsor, lead entity and RCO staff are pursuing all possible alternatives to make up for the project shortfall. The sponsor has additional matching funds and has offered to release unused funds from existing project 17-1064 (name?) and withdraw recently-funded project 19-1342 (Hidden Beach Shoreline Restoration) in an effort to fill the funding deficit. The lead entity approved those changes. The ESRP program has committed to a $100,000 cost increase once surplus ESRP funds are returned from another project that will close out shortly.

**17-1064—Move $6,000 total to project 16-1306 Seahorse Siesta Barge. This amendment will move $6,000 17-19 PSAR in order to address construction costs associated with additional sediment removal required to complete project. Funds not needed to complete the current scope of work associated with 17-1064.**

**19-1342—Move $128,800 total to project 16-1306 Seahorse Siesta Barge. This amendment will withdraw 19-1342 and move $28,800 19-21 PSAR and $100,000 19-21 PCSRF to 16-1306 in order to address construction costs associated with additional sediment removal required to complete project. Sponsor will withdraw 19-1342.**

**Current non-RCO match available for the project:**

USFWS Puget Sound Coastal Program Grant: $50,000

NFWF Grant: $9,000

Private Donor Grant: $25,000

**How Required Match for RCO Funds Will Be Met**

*SRFB/PSAR (15% match required)*

Notes on match. Based on SRFB+PSAR funding total including the cost increase request = $672,028

672,028/.85=790,622 current project total

790,622 -672,028=118,594 match required

Sponsor match = 118,594required. Sponsor providing $84k which is 71% of the match. ESRP providing $34,594.

*ESRP (30% match required)*

The ESRP funding total including the cost increase request = $146,815

146,815/.70=209,736 current project total

209,736 -146,815=62,921 match required

Sponsor required match = $62,921, which is met with PSAR funds.

|  |  |  |
| --- | --- | --- |
| **Funding Source** | **Current Funding** | **Requested Funding** |
| 2017-2019 & 19-21 PSAR from 17-1064 & 19-1342 | $397,193 | $6,000 from 17-1064  $28,800 from 19-1342 |
| 2019-21 PCSRF from 19-1342 | $0 | $100,000 |
| ESRP | $46,815 | $100,000 |
| 2020 SRFB Cost Increase Fund |  | $118,000 |
| **Total** |  | $352,800 |

**Current SRFB Cost Increase Funds available = $374,673**

1. Please use the amendment matrix in [Appendix O](https://www.rco.wa.gov/documents/manuals&forms/Manual_18.pdf) of Manual 18 to determine whether a request needs lead entity approval. For cost increases using PSAR funds, provide this template to the Partnership for their approval. [↑](#footnote-ref-1)