

State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES
ENGINEERING DIVISION
1151 Punchbowl Street, Room 221
Honolulu, Hawaii 96813

ADDENDUM NO. 1

TO

Job No. B46CM79B
MAINTENANCE DREDGING
AT LAHAINA SMALL BOAT HARBOR
Lahaina, Maui, Hawaii

January 24, 2017

This addendum as issued shall become part of the Contract Documents for the subject project. The bid documents, plans, and specification shall be amended as follows:

CONTRACT SPECIFICATIONS

Revised Sections 7.2d and 7.16 of the Special Provisions are available on the HiePRO website as a pdf file.

QUESTIONS AND CLARIFICATIONS

1. Will use of an NTU turbidity meter be acceptable for water testing?

Answer: Corps of Engineers authorization for maintenance dredging at Mala Boat Ramp is included in this addendum. Secchi Disk monitoring protocol is incorporated for turbidity monitoring, however, use of a portable (in-situ) turbidity meter is acceptable. No other testing parameters are required for Mala. Water quality monitoring for Lahaina, if required, will be authorized by change order.

2. Is GPS monitoring for the barge required as it has been in past projects?

Answer: Contractor shall maintain log of location of the dredge barge to ensure that dredging is conducted within the limits specified in the plans.

3. Will there be an allowance for the coral survey?

Answer: Currently there is no allowance for a coral survey. That is still under discussion. If need be, it will be done by change order.

4. What is the project duration?

Answer: As stated on page P-1, the project duration is 120 consecutive calendar days from date of notice to proceed.

5. Whose responsibility is it to obtain the Right of Entry Permit?

Answer: Engineering Division, DLNR, will be obtaining the Right of Entry.

6. Reference Section 01567 Pollution Control Q1: The documents do not include requirements for water quality monitoring. Please confirm that water quality monitoring is not required. Q2: If water quality monitoring is required, please provide specific criteria for the water quality monitoring including but not limited to the following: a. Number and locations of monitoring points at both Lahaina Harbor and Mala Wharf areas. b. Parameters for testing of collected samples (what tests are required). c. Duration and number of monitoring events required for preconstruction monitoring including number of locations for each monitoring event. d. Required interval for monitoring events during construction period including number of locations for each monitoring event (i.e. weekly, monthly or other interval). e. Duration and number of monitoring events required for post construction period including number of locations for each monitoring event.

Answer: Corps of Engineers authorization for maintenance dredging at Mala Boat Ramp is included in this addendum. Secchi Disk monitoring protocol is incorporated for turbidity monitoring, however, use of a portable (in-situ) turbidity meter is acceptable. No other testing parameters are required for Mala. Water quality monitoring for Lahaina, if required, will be authorized by change order.

7. Reference Section 01567 Pollution Control, Attachment 2.0 DOBOR Measures to Reduce Impacts on Protected Species Item c) and d) state: c) Contractor will visually inspect the work area inside the floating silt curtain and around the work area (barges) to ensure that no green sea turtle or marine mammals are inside the 50-yard safe zone before and during construction activity.” d) In the event any green sea turtles or mammals are observed before the start of construction, no construction activity will commence until the animals have left the work area and outside of the designated 50-yard safe zone. Q1: Will the Contractor be compensated under a change order for the standby time if required to cease construction activity due to presence of green sea turtles or mammals? If not, please advise how much time bidder should allow for in the proposal for these standby events since the quantity and duration is unknown and is not identified in the documents.

Answer: The presence of green sea turtles or marine mammals are not anticipated to cause extensive delays. Standby time due to presence of green sea turtles or marine mammals will not be compensated. If the presence of green sea turtles or other Endangered Species creates significant delays, compensation under a change order may be considered, subject to the contractor providing adequate documentation of such delays including, but not limited to, contractor's logs indicating the date, time, and duration of the event, videos, and photographs.

8. Reference Section 01567 Pollution Control, Attachment 2.0 DOBOR Measures to Reduce Impacts on Protected Species Q1: Are there any areas where barge anchors and/or spuds cannot be placed due to presence of live coral colonies? Q2: In order to safely moor the dredge, anchors will need to be placed outside the dredging limits. Please confirm this is acceptable.

Answer: Anchoring or deployment of spuds shall not be permitted outside of the channel limits, unless placement locations are made in large areas of unconsolidated sediment that is visually-confirmed by divers.

9. Reference Section 01567 Pollution Control, Attachment 2.0 DOBOR Measures to Reduce Impacts on Protected Species Q1: Please confirm that coral relocation and/or mitigation is not required for this project. Q2: If coral relocation and/or mitigation are required, please provide the scope of work required for bidding purposes.

Answer: Coral relocation/mitigation is not in the present scope of this contract. Any such activity, if required at a later time, will be addressed by change order.

10. Reference Section 02281 – 3.2 Schedule Q1: Section 3.2 states: “No dredging work shall be permitted at Lahaina SBH during cruise ship calls.” There are 18 weekdays identified for cruise ship calls between March 2017 thru May 2017. Furthermore, there are only 120 calendar days from the Notice to Proceed allowed under the contract schedule and dredging work is limited to weekdays only. Given these schedule constraints, the 120 calendar day contract duration is unrealistic. Please consider increasing the contract duration to 240 calendar days.

Answer: The contractor is expected to complete dredging within the 120 calendar duration.

11. Reference Section 02281 – 3.4 Work Hours and Interference with Navigation Q1: Section 3.4 states: “The dredging work hours from 7:00 a.m. to 6:00 p.m. on weekdays, except for State holidays.” To minimize impact to the boating community, can dredging be performed at night? Q2: Section 3.4 states: “The dredging work is scheduled to begin in March 2017 and be completed by June 2017.” This schedule is conflict with the typical coral spawning period between May and August each year. Under the 2012 Nationwide Permit document, item c. states: “To the extent practicable, work in the aquatic environment must be scheduled to avoid coral spawning ...” Will the project start date be revised to avoid conflicts with the coral spawning period?

Answer: Dredging may not be performed at night. The project start date will not be revised.

12. Reference Section 02281 – 3.10 Disposal of Dredged Materials Q1: Section 3.10 states: “Contractor shall provide notice to the Engineer when approximately 2,000 cubic yards of dredged sediment material has been stockpiled so that the Engineer can conduct the sampling/testing of the dredged material. Dredged sediment material that has not been sampled/tested shall be kept in separate stockpile(s) until tested.” Please provide the duration in calendar days from the date Contractor provides notice to the Engineer to the date Engineer completes sampling/testing and provides approval for disposal. This information is needed to determine if there is adequate time in the schedule for clearing the stockpile area in order to allow more dredge material to be placed. If the material is determined to be contaminated or hazardous, please confirm that the Contractor will be entitled to recover the additional handling and disposal costs via change order.

Answer: Anticipated duration for clearance testing is 14 calendar days after Contractor provides notice to the Engineer. If material is determined to be contaminated or hazardous, disposal costs will be addressed by change order.

13. Spec Section 02281 Dredging, Section 3.1, paragraph 1 states “Non-sediment debris, such as boulders, logs, tires, cables, pipes, concrete blocks, nets, plastics and metals, may also be encountered during the dredging.” What quantity of non-sediment debris should the contractor expect while dredging?

Answer: The quantity of non-sediment debris is unknown at this time, but is not expected to constitute a large portion of the dredged material

14. Spec Section 02281 Dredging, Section 3.10, paragraph 3 states “Non-sediment debris shall be segregated from the dredged material stockpile(s) and disposed to approved landfill..... All dredged material shall be disposed of by the Contractor at the Contractor’s expense.”

- a. Will segregated Non-Sediment Debris be disposed of by the State?

Answer: No. The Contractor is responsible for disposing of all dredged material, including non-sediment debris.

- b. Will the Contractor be required to dispose of Non-Sediment Debris at the State's expense?

Answer: No. The Contractor is responsible for disposing of non-sediment debris at his expense.

- c. If the Contractor is required to dispose of segregated Non-Sediment debris at the Contractor's expense, then what quantity of Non-Sediment debris is expected to be segregated and disposed?

Answer: See response to question number 13.

15. Recent history of the stockpile site has shown that the area does not percolate water during rainfall.

- a. If the dredged material does not dry within the time it takes to sample the material, and return test results for disposal, then will the State grant the contractor additional working days for the dredged material to dry for disposal?

Answer: The dredged material need not be dry for sampling and disposal and will not be cause for time extension.

- b. If rainfall occurs, and prevents the material from drying for disposal, then will the State grant the contractor additional working days for the dredged material to dry for disposal?

Answer: Time extension due to significant rainfall events causing delays to the work will be considered. However, "drying time" for dredged material is not suitable basis for time extension.

GENERAL INFORMATION

The U.S. Army Corps of Engineers Nationwide Permit for Mala Boat Ramp Maintenance Dredging, December 23, 2016, is made part of the contract and is available on the HiePRO website as a pdf file.

Engineering Division

A handwritten signature in blue ink, appearing to read 'Carty S. Chang', is written over a horizontal line.

Carty S. Chang
Chief Engineer