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. E00XM30A
Kā‘anapali Beach Restoration and Berm Enhancement
Maui, Hawai‘i

May 11, 2022

The items listed hereinafter are hereby made a part of the contract for the above project and shall govern the work, taking precedence over previously issued plans and specifications governing the items mentioned.

REQUEST FOR PROPOSALS

1. Section 1.4 RFP Schedule and Significant Dates – DELETE the schedule table and REPLACE with the following:

Release of Request for Proposals	04/22/2022
Pre-proposal Conference	04/29/2022
Due date to Submit Questions	05/06/2022
Response to Questions	05/09/2022
Proposals Due date/time	**05/27/2022, 2:00 PM**
Proposal Evaluations (approximate)	**05/28/2022**
Discussion with Priority Listed Offerors (if necessary)	**06/02/2022**
Best and Final Offer (if necessary)	**06/06/2022**
Notice of Award (approximate)	**06/07/2022**
Contract Start Date (approximate)	10/01/2023

2. Offer Form OF-2 – DELETE in its entirety and REPLACE with the attached revised OFFER Form OF-2.

PLANS (Revisions by description only unless referenced by attached figures.)

1. Drawing C-7 Note 5 has been DELETED and REPLACED with the following language:

"5. Anchors for scow/offloading areas shall be placed only within designated circles having 50 ft radii as shown. Contactor shall verify anchor placement does not damage coral, sea grass, and any other protected species."

TECHNICAL SPECIFICATIONS

1. Section 02260 SAND DREDGING, OFFLOADING, CONVEYANCE, AND PLACEMENT, 3.3 SAND CONVEYANCE AND PLACEMENT has been modified by ADDING Item H, to read as follows:

"Contractor shall decompact the equipment transit corridor to a depth of two feet below the beach surface.

Decompaction involves breaking up or loosening compacted beach sand using deep tined equipment towed behind a tractor, bulldozer, or similar equipment.

Decompaction of the equipment transit corridors on the beach will be required following completion of the sand placement surveys at the end of each stage of sand placement:

1. After completion of the North Berm Enhancement;
2. After completion of the south portion of the Beach Restoration area, between the South Sand Offloading Area and the south end of the Beach Restoration Area; and
3. After completion of both the north portion of the Beach Restoration area and the South Berm Enhancement."

2. Section 02260 SAND DREDGING, OFFLOADING, CONVEYANCE, AND PLACEMENT, 3.1 DREDGING has been modified by DELETING Item B, REPLACED with the following:

"Material to be Dredged: Only loose, unconsolidated sand from within the sand recovery areas as shown on the PLANS shall be dredged. The sand may contain coral pieces and rubble. No hard reef rock shall be removed. Sand shall only be dredged from within the designated sand recovery areas as shown on the PLANS. Care shall be exercised to not damage exposed hard rock bottom around the perimeter of the sand recovery area boundaries. The total amount of sand to be dredged is up to 75,000 cubic yards.

No more than 1% of material (by volume) from a single barge-load may be greater than 1 inch in any dimension ("coarse material"). To show acceptability of the sand, Contractor shall test 10 cy from each barge load for coarse material using a screen, Grizzly, or other apparatus that can adequately segregate the coarse material. If more than 1% of the material tested (by volume) is coarse material, then the coarse materials from the entire barge-load of sand shall be segregated using a screen, Grizzly, or other apparatus. All segregated coarse material shall be disposed of at an approved on-land disposal site or used for beneficial reuse."

3. Section 02260 SAND DREDGING, OFFLOADING, CONVEYANCE, AND PLACEMENT, 3.7 PAYMENT has been modified by ADDING Item B, to read as follows:

"B. If testing shows that less than 1% of the material in a barge load is coarse, the coarse material may be returned to the beach. This material shall not be measured for payment. If

testing shows more than 1% of the material in a barge load is coarse, then segregation and disposal of the coarse material will be paid for at the per cubic yard unit price for Item 10 in Offer Form OF-2."

4. Section 01567 ENVIRONMENTAL PROTECTION, 1.13 SUSPENSION OF WORK has been modified by DELETING Item C, REPLACED with the following:

"The Owner may also suspend any operations which he feels are creating pollution problems although they may not be in violation of the above-mentioned requirements."

REQUEST FOR INFORMATION

1. **Please provide an engineer budget for this project.**

Budget estimates, based on variations in dredge, delivery, and placement options ranged from $9,000,000 to $13,000,000.

2. **Is there a prequalification requirement for out of state contractors to to bid this project? Thank you.**

There is no prequalification requirement.

3. **Plan Drawing C-6. Please define the reasoning behind the 100' anchor coordinates provided for the dredge barge. Was an underwater survey completed to define these? What were the conditions of the area? Is there a potential environmental impact from anchoring cables running from the anchor points to the dredge?**

The sand recovery area is located in a broad regional sand field. Each anchor point is located on sandy substrate, with a nominal 100-foot buffer around each point, in sand. These areas were investigated by marine biologists and found to have no coral, seagrass, or other protected species.

Anchor rodes need to be floated to ensure they do not contact the seafloor.

The contractor shall ensure that anchors and anchor rodes do not damage coral, sea grass, or any other protected species.

4. **Plan Drawing C-7. Please define the requirements for anchoring gear (wires) between the anchor locations and the scows?**

Drawing C-7 Note 4 and Note 5 detail the requirements for the anchors. The contractor shall ensure that anchors and anchor rodes do not damage coral, sea grass, or any other protected species. Anchor rodes need to be floated at the two offloading sites to ensure they do not contact the seafloor.

Note 4 includes:
"Contractor shall ensure that rode is suspended and does not contact the bottom"

Note 5 has been DELETED and REPLACED with the following language:

"5. Anchors for scow/offloading areas shall be placed only within designated circles having 50 ft radii as shown. Contactor shall verify anchor placement does not damage coral, sea grass, and any other protected species."

5. **Plan Drawing G-1, #24. Please provide the USACE dredging permit for this contract so the contractor can assess the conditions they must comply with.**

The USACE permit is not complete at this time.

6. **Due to equipment spread and upfront off shore work required can the state eliminate the 10% limit on mobilization? Or possibly split the Mob/Demob bid items in to two Items with a higher limit on the Mobilization Item?**

Yes, the 10% limit has been eliminated and both Mobilization and Demobilization have been itemized. The revised limit for both combined is 18%. This has been updated in revised Offer Form OF-2.

Offer Form OF-2 has been updated and is attached below.

7. **Would offshore single point temporary weather moorings for equipment be allowed? If so, in what location?**

Drawing C-6 has mooring location A1-3 located in approximately 130 feet of water. An anchor may be installed in this location for the duration of the project and used as a storm or weather mooring for the sand recovery area.

Drawing C-7 has mooring locations A2-3 in 35 feet of water and A3-3 in 40 feet of water for the north and south offloading sites, respectively, that can be used as temporary weather moorings. Alternate, deeper water moorings at the sand recovery site, A1-2 in approximately 110 feet of water and A1-4 in approximately 97 feet of water, may be utilized as weather moorings when the sand recovery equipment is moored at A1-3.

Contractor shall be responsible for determining safe mooring of his equipment.

8. **How does the contractor access the north beach with land equipment? Will DLNR be responsible for clearing the beach during contractor's daily operations?**

Large and small land-based equipment may enter the beach at the south public beach access for the Kā'anapali Resort complex, located at the south end of the Hyatt Regency Maui. Large equipment may be walked down the beach to the north project site.

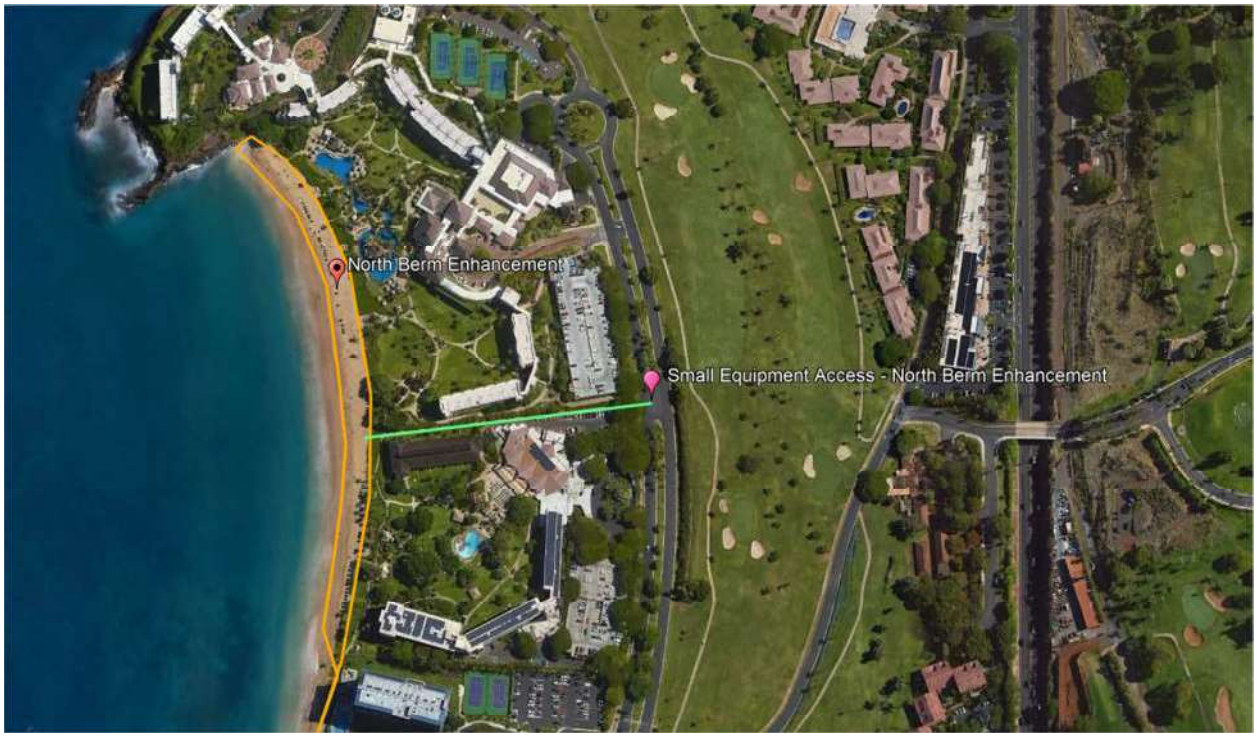
Smaller land equipment may access the area through the public beach access located between the Sheraton Maui Resort and Spa and the Kā'anapali Beach Hotel properties.

Hanaka'ō'ō Beach Park (Canoe Beach) shall <u>not</u> be used for staging, laydown, ingress, or egress.

The contractor is responsible for marking work areas, including the beach, during operations. This includes notification of the public, proper signage, and materials appropriate for demarcating the extents of the active operations on the beach.

Contractor is responsible for repairing any damage caused by their operations to the access paths.

DLNR will not be responsible for clearing the beach during daily operations.



9. **The area on the beach in front of the Aston at the Whaler doesn't get any sand placement. Is there any issue will machinery crossing over this area between the North and South placement areas? If so, what are the limitations?**

There is no issue with operating machinery on the public beach or transiting through this area, as long as all equipment is kept above the waterline and out of the wash of the waves. Machinery operation on the beach shall adhere to the specifications provided in this Request for Proposals.

10. **Please confirm that temporary piles or structures can be installed in the sandy/coral areas of the offloading points for sand delivery? Is there any limitation for the installation of these structures (i.e. Barges inside the -15 MLLW contour for installation.)**

Temporary piles or structures may be installed only in the sandy portions of the sand offloading areas, shown on Drawing C-7, with the following limitations:

Note 5 has been DELETED and REPLACED with the following language:

"5. Anchors for scow/offloading areas shall be placed only within designated circles having 50 ft radii as shown. Contactor shall verify anchor placement does not damage coral, sea grass, and any other protected species."

The contractor shall ensure, similar to anchor placement, that structure placement on the seafloor does not damage coral, sea grass, or any other protected species.

Barges and other structures may be located inshore of the -15 foot mllw contour, so long as the equipment or materials do not damage coral, sea grass, or any other protected species.

11. **If floating barges are not allowed inside the -15 MLLW contour, then how can a floating system be used to transport the sand from the scows to the beach?**

Temporary piles or structures may be installed only in the sandy portions of the sand offloading areas, shown on Drawing C-7, with the following limitations:

The contractor shall ensure, similar to anchor placement, that structure placement on the seafloor does not damage coral, sea grass, or any other protected species.

Barges and other structures may be located inshore of the -15 foot mllw contour, so long as the equipment or materials do not damage coral, sea grass, or any other protected species.

12. **On Page SP-1 that no Notice of Intent to Bid was required but that a Standard Qualification Questionnaire may be required. This used to be filed in the period between the Notice of Intent and the Bid. However, this now looks like it is solely at the discretion of the Engineer. Would we have to file this questionnaire in order to bid this Project? Or would this document be required after the proposal was submitted at the discretion of the engineer?**

We will not require the Standard Qualification Questionnaire for this project

13. **Page 2260-3, Section 3.1.B requires testing for oversize material. If the screen rejects material is the contractor at risk for payment on this material? There is no way to know how much of this oversized material might exist in the recovery area and the contractor would have to pay to dispose of this material without getting paid anything to process it?**

Based on existing geotechnical investigation of the sand recovery site, large quantities of cobble are not expected in the dredged sand.

Upland disposal is required for rejected coarse material. Off-site disposal will be at an approved on-land disposal site or used for beneficial reuse.

Item 10 has been added to Offer Form OF-2, attached below. This item includes costs for segregating coarse material from an entire barge load and disposal of segregated coarse material.

Section 02260 SAND DREDGING, OFFLOADING, CONVEYANCE, AND PLACEMENT, 3.1 DREDGING has been modified by DELETING Item B, REPLACED with the following:

> "Material to be Dredged: Only loose, unconsolidated sand from within the sand recovery areas as shown on the PLANS shall be dredged. The sand may contain coral pieces and rubble. No hard reef rock shall be removed. Sand shall only be dredged from within the designated sand recovery areas as shown on the PLANS. Care shall be exercised to not damage exposed hard rock bottom around the perimeter of the sand recovery area boundaries. The total amount of sand to be dredged is up to 75,000 cubic yards.

No more than 1% of material (by volume) from a single barge-load may be greater than 1 inch in any dimension ("coarse material"). To show acceptability of the sand, Contractor shall test 10 cy from each barge load for coarse material using a screen, Grizzly, or other apparatus that can adequately segregate the coarse material. If more than 1% of the material tested (by volume) is coarse material, then the coarse materials from the entire barge-load of sand shall be segregated using a screen, Grizzly, or other apparatus. All segregated coarse material shall be disposed of at an approved on-land disposal site or used for beneficial reuse."

Section 02260 SAND DREDGING, OFFLOADING, CONVEYANCE, AND PLACEMENT, 3.7 PAYMENT has been modified by ADDING Item B, to read as follows:

"B. If testing shows that less than 1% of the material in a barge load is coarse, the coarse material may be returned to the beach. This material shall not be measured for payment. If testing shows more than 1% of the material in a barge load is coarse, then segregation and disposal of the coarse material will be paid for at the per cubic yard unit price for Item 10 in Offer Form OF-2."

14. **Page 2260-6, Section 3.6.B outlines how the contractor gets paid for the sand. This methodology requires the contractor to take the risk of delivery. That means we must access all the productivity losses between the recovery area and the sand embankment location. Those losses might be at the recovery area between the ocean floor and sand scow, transfer of sand onto the beach, possible stockpile reductions on the beach and finally losses at the sand embankment site caused by wave intrusion during placement. Specifically, DLNR would get the benefit of sand placed on the beach and washed out of the placement cross section with out paying for it. We suggest a "fairer" way of measuring the sand for payment would be a bucket scale (such as the example attached to this question) at the stockpile loading area on the beach while loading the sand into the trucks. Normally this type of sand mining would be paid by displacement measure of the sand scows, but the water maybe to rough to accomplish that so this bucket scale method would be the next best and fair measurement point. Please reconsider how this bid item is measured for payment? If final placement quantities are a concern, a method could be outlined to place an agreed upon tonnage of sand between two stations on the beach.**

Refer to Contract Specifications Section 02260, Section 3.6.B for the measurement process. This methodology has been employed for sand volume measurement in other Hawai'i beach nourishment projects. However, it does require diligence and accuracy on the part of the Contractor to ensure that suitable and timely pre-placement and post-placement surveys are collected.

15. **Due to the response needed to these question and the affect the answers will have on a compliant response to the Request for Proposal, we request a two week bid extension to properly respond to this RFP.**

Proposal due date has been extended to May 27, 2022. The original schedule in Section 1.4 RFP Schedule and Significant Dates has been revised accordingly, as shown above.

16. **The bid bond form provided in the 1994 General Conditions seems to be outdated as it shows a date year starting with 19. Can you please provide an updated bid bond form.**

An updated form will be provided but the State will accept forms provided from insurance companies.

17. **Is a hardcopy of the original bid bond form need to be mailed/submitted prior to the bid date or is a scanned copy of the bid bond included in our RFP sufficient for electronic submission purposes?**

All offers shall be uploaded onto HIePRO, including the required bid bond forms.

18. **Environmental Protection specification section 01567-2, paragraph B states "Copies of the above permits are attached to the end of this section. The permit applications or placeholders are attached where the permits and pending" Question: No attachments were found. Please provide copies of the permits.**

Permits are not complete at this time.

19. **Environmental Protection specification 01567-9, paragraph 1 states "The project manager shall designate a competent observer to survey the areas adjacent to the proposed action for ESA-listed species, including but not limited to the green sea turtle, hawksbill sea turtle, and Hawaiian monk seal." Question: Are there any qualification requirements for the competent observer?**

A competent observer shall be capable of identifying ESA-listed species, such as green sea turtles, hawksbill sea turtles, and Hawaiian monk seals. In addition, a competent observer shall be trained in recording sitings in the project logbook, and proper notification procedures for sitings within the 50-yard safe standoff distance and for any incidental takes.

20. **Will a staging area be provided to the contractor for their tools and equipment?**

No. The State is not providing a staging area. Contractor is responsible for securing an appropriate staging area(s) as needed.

21. **Specifications Page 01567-2, B-D (05167-3 1.5 C.1). The contractor is asked to abide by all conditions of the permits that have yet to be issued at this time. How can the contractor effectively estimate costs of management without the requirements listed? Will the USACE permit stipulate any scow tracking or material sensors?**

The requirements will be provided after the permits are complete. Best management practices, monitoring requirements, and permit conditions, such as these, will be paid as an Allowance, as shown in Item 3 of revised Offer Form OF-2, attached below.

22. **(Management Plan Page 5, Post Construction 1. A-E) Is the contractor required to perform these post construction surveys? If so, how is the contractor paid for these survey events?**

Post-construction monitoring, as detailed in Post-Construction 1. a-e, is not a requirement for the contractor to complete or bid upon.

23. **(Management Plan Page 6, Table 1) Mobilization and demobilization of 5 days is an unreasonable timeframe to install the complete offloading trestle and anchoring system required for this project in order to begin sand movement. Please set realistic durations.**

The schedule presented on Page 5 and Page 6 of the Best Management Practices Plan included in the Contract Specifications and Plans, Section 01567, is superseded by Section 2.3 Term of Contract in the Request for Proposals, which states the contract shall be for a period of 150 days, starting on October 1, 2023.

24. **Management Plan Page 11 (Dept. Of The Army Recommendations 1. A) See also Page 21 Erosion Control Measures 1-8. Is the contractor expected to employ silt curtains offshore of the placement areas in the tidal / surf zone? Is the lateral length of curtain supposed to follow the 100' individual placement areas, so as to not impact public usage? Any in-water curtain will have no effectiveness and create a nuisance in the tidal / surf zone.**

The contractor is expected to employ silt curtains offshore of the beach restoration area, around the day's sand placement area. Silt curtains are not required for berm enhancement activities in the Kā'anapali Littoral Cell.

25. **Management Plan Page 13 (Dept. Of The Army Recommendations – Material Management 4.) This is in direct conflict with regards to the fill lines established in the plan cross sections. According to the plans there are multiple locations where the contractor is asked to fill material well below the MHHW line and even below the MLLW line. Please clarify this conflict and how to proceed. Please also refer to previous question regarding silt containment devices in this zone.**

The project BMP plan is included as an attachment to specifications section 01567 ENVIRONMENTAL PROTECTION. Material Management, included as Section 4 of the BMP plan, refers to **unauthorized** fill and **unauthorized** equipment. The permits, when approved, authorize sand fill and equipment seaward of the existing mhhw line. These permits are expected to also include authorizations for operation of offshore sand recovery equipment, placement of anchors, and construction and use of sand transfer equipment at the offloading sites, all of which are seaward of the existing mhhw line.

26. **The Offer Due Date & Time is currently 05/16/2022 at 2:00 PM and responses to RFIs will be issued on 05/09/2022. We request an additional 2 weeks to provide sufficient time to prepare the proposal. Without an offer due date extension, we will not be able to respond to this RFP. There simply is not adequate time to prepare the proposal otherwise.**

Proposal due date has been extended to May 27, 2022. The original schedule in Section 1.4 RFP Schedule and Significant Dates, has been revised accordingly, as shown above.

27. **Given that the State has not obtained the environmental permits, please consider including a separate Force Account item to cover all required Best Management Practices (BMPs) which**

including but not limited to: a. Furnish, install and maintain turbidity curtains. b. Water quality monitoring. c. Marine mammal and turtle observers. d. Furnish, install and maintain silt fences. e. Other permit related BMPs.

The requirements will be provided after the permits are complete. Best management practices, monitoring requirements, and permit conditions, such as these, will be paid as an Allowance, as shown in Item 3 of revised Offer Form OF-2, attached below.

28. **We understand there is opposition to this project from the local community on Maui. There is concern about protests that have occurred over the TMT Mauna Kea, Big Island project and Waimanalo Sherwood Forest Park, Oahu project that forced construction work to stop. Please confirm if DLNR will compensate the Contractor for impact costs resulting from delays due to a protest action that interrupts or stops onsite work activities. This includes standby costs for all equipment and manpower and, if necessary, demobilization and remobilization of equipment and materials should the project be shut down.**

The Offer Form OF-2 has been updated and is provided as an attachment to this addendum.

The updated form includes Item 8 for one Demobilization and Remobilization as a result of Archaeological Protection or Community Project delays.

The update also includes Item 9 for 10 Standby/Weather days, to be billed at the per day unit price.

The terms of the 1994 Interim General Conditions and Special Conditions will apply in the event of delays.

29. **RFP section 3.9.4.c.5) states: "A timeline for on-site construction of the Kāʻanapali Beach Restoration And Berm Enhancement, not to exceed 150 calendar days." The HIePRO solicitation notification states the contract start date is October 1, 2023. RFP section 2.3 Term of Contract states: "The contract shall be for a period of 150 days and is intended to begin approximately on October 1, 2023 and end on February 28, 2024." However, during the pre-bid conference it was mentioned that the work should be completed by the Christmas holidays which is only 85 calendar days. Please confirm the Contractor has the full 150 calendar days available to complete the work.**

The Term of Contract is the full 150 days as detailed in Section 2.3 Term of Contract, starting on October 1, 2023.

30. **Will the Contractor be allowed to work on holidays (Veterans Day, Thanksgiving, Christmas, New Years, etc.)?**

Contractor may work 7 days per week including holidays. Contractor shall obtain appropriate approvals and/or permits for weekend work and holiday work.

31. **The RFP includes a title sheet "ATTACHMENT – DEPARTMENT OF LAND AND NATURAL RESOURCES INTERIM GENERAL CONDITIONS DATED OCTOBER 1984".**

The Interim General Conditions document was not included with RFP document. Please provide copy of the Interim General Conditions.

Please see the downloadable files in the HIePRO solicitation.

32. **Specification Section 02260, 1.3 F. provides the Contractor equipment working hours. Please confirm that the contractor is allowed to work seven (7) days per week.**

Contractor may work 7 days per week including holidays. Contractor shall obtain appropriate approvals and/or permits for weekend work and holiday work.

33. **Special Provisions section 7, 2. (d) Builder's Risk Insurance states: "Unless included in the Specifications of this project, the Contractor shall not be required to provide builder's risk insurance." We were unable to find any reference to Builder's Risk in the Specifications. Please confirm that Builder's Risk Insurance is NOT required.**

Builder's risk insurance will not be required.

34. **Specification section 02260, 3.1 C. states: "No more than 1% of material (by volume) from a single barge-load may be greater than 1 inch in any dimension ("coarse material"). To show acceptability of the sand, Contractor shall test 10 cy from each barge load for coarse material using a screen, Grizzly, or other apparatus that can adequately segregate the coarse material. If more than 1% of the material tested (by volume) is coarse material, the entire barge-load of sand shall be screened to remove coarse material." The Contractor has no control over the quantity of material greater than 1 inch in any dimension that may be included in the dredged sand material and therefore cannot determine prior to the proposal due date what quantity of dredged sand will need to be screened. Please include an additional bid item to cover the cost of screening the sand should it be required. Recommend providing a unit price item per CY. This is the fair and equitable way to handle this unknown quantity.**

Based on existing geotechnical investigation of the sand recovery site, large quantities of cobble are not expected in the dredged sand.

Upland disposal is required for rejected coarse material. Off-site disposal will be at an approved on-land disposal site or used for beneficial reuse.

Item 10 has been added to Offer Form OF-2, attached below. This item includes costs for segregating coarse material from an entire barge load and disposal of segregated coarse material.

Section 02260 SAND DREDGING, OFFLOADING, CONVEYANCE, AND PLACEMENT, 3.1 DREDGING has been modified by DELETING Item B, REPLACED with the following:

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damage exposed hard rock bottom around the perimeter of the sand recovery area boundaries. The total amount of sand to be dredged is up to 75,000 cubic yards.

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"B. If testing shows that less than 1% of the material in a barge load is coarse, the coarse material may be returned to the beach. This material shall not be measured for payment. If testing shows more than 1% of the material in a barge load is coarse, then segregation and disposal of the coarse material will be paid for at the per cubic yard unit price for Item 10 in Offer Form OF-2."

35. **Is there an AMAP that has been prepared that can be used?**

The requirements will be provided after the permits are complete. Best management practices, monitoring requirements, and permit conditions, such as these, will be paid as an Allowance, as shown in Item 3 of revised Offer Form OF-2, attached below.

36. **Specification section 01100 Archaeological Protection and Monitoring. Paragraph B.1 Intact Cultural Deposits and Features "Upon discovery of potentially significant cultural features . . . . Where appropriate, samples for further analyses will be collected." Paragraph B.2 Artifacts – "Hawaiian artifacts that are encountered will be collected for further analysis. Diagnostic historic artifacts that are more than 50 years old will likewise be collected for further analysis" Question: If materials and artifacts are encountered for further analysis, is the State responsible for the costs of the extra studies and analysis? The contractor has no way to determine the quantities, types of analysis and the time required for the "further analysis" at bid time. How will the contractor be compensated?**

The only proposed excavation is located at the offshore Sand Recover Area. There is no excavation or ground alteration, beyond placement and grading of beach fill material, on land in the design. The contractor should use requirements from similar projects as part of the cost estimate process.

37. **Specification section 01100 Archaeological Protection and Monitoring, paragraph b.3 – Human Skeletal Remains – "If human remains are inadvertently encountered during excavation, all work in the immediate vicinity will cease . . . . ." Question – is the contract time be extended due to such findings? Also, how is the state to compensate for the standby time and if necessary, demobilization and demobilization of the contractor's equipment?**

Yes, the contract time can be extended.

The Offer Form OF-2 has been updated and provided in this addendum.

The updated form includes one additional Demobilization and Remobilization for Archaeological Protection/Community Project Delay.

The update also includes a line item for 10 Standby/Weather days, with a per day unit price.

The terms of the 1994 Interim General Conditions and Special Conditions will apply in the event of delays.

38. **Refer to Section 01100, 3.2 Archaeological Monitoring, A. Will an archaeological monitor be required when digging at the sand recovery area?**

No archaeological monitor will be required when dredging sand at the sand recovery area.

39. **Refer to Section 02100, SITE PREPARATION, 3.1 GENERAL, A. Please confirm the location of approved access routes. They are not shown on the PLANS as indicated.**

Large and small land-based equipment may enter the beach at the south public beach access for the Kāʻanapali Resort complex, located at the south end of the Hyatt Regency Maui. Large equipment may be walked down the beach to the various project sites.

Smaller land equipment may access the area through the public beach access located between the Sheraton Maui Resort and Spa and the Kāʻanapali Beach Hotel properties.

Smaller land equipment may access the South Berm Enhancement area and Beach Restoration area through the public beach access located between the Whalers Village and the Westin Maui Resort and Spa, the Kāʻanapali Aliʻi Resort and Maui Marriott Ocean Club properties, and between the Hyatt Regency Maui and the Maui Marriott Ocean Club properties.

Hanakaʻōʻō Beach Park (Canoe Beach) shall <u>not</u> be used for staging, laydown, ingress, or egress.

The contractor is responsible for marking work areas, including the beach, during operations. This includes notification of the public, proper signage, and materials appropriate for demarcating the extents of the active operations on the beach.

Contractor is responsible for repairing any damage caused by their operations to the access paths.

DLNR will not be responsible for clearing the beach during daily operations.

40. **Refer to Section 02260, 3.1 Dredging, B. Please confirm that if a barge-load is accepted (less than 1% of material oversized) then the contractor has no further obligation to screen to screen the material.**

If testing shows less than 1% of material is oversized then no additional screening of that barge load is required.

41. **Will tilling of the placed sand at the end of each restoration activity to mitigate compaction and scarping of the beach profile be required?**

Section 02260 SAND DREDGING, OFFLOADING, CONVEYANCE, AND PLACEMENT, 3.3 SAND CONVEYANCE AND PLACEMENT has been modified by ADDING Item H, to read as follows:

"Contractor shall decompact the equipment transit corridor to a depth of two feet below the beach surface.

Decompaction involves breaking up or loosening compacted beach sand using deep tined equipment towed behind a tractor, bulldozer, or similar equipment.

Decompaction of the equipment transit corridors on the beach will be required following completion of the sand placement surveys at the end of each stage of sand placement:

1. After completion of the North Berm Enhancement;
2. After completion of the south portion of the Beach Restoration area, between the South Sand Offloading Area and the south end of the Beach Restoration Area; and
3. After completion of both the north portion of the Beach Restoration area and the South Berm Enhancement."

42. **Refer to Section 01567, B Required Permits, 1. through 5. Please provide applications or placeholders as indicated.**

Permits are not complete at this time.

43. **Refer to Sheet C-6 Plan Note 7. Please define reasonably expected wave conditions.**

The contractor shall work at his discretion with regard to weather and sea conditions, which may partly be a factor of the methodology and type of equipment being used. The contractor is, however, expected to work in a safe manner at all times. In addition, the contractor is expected to have a plan for securing, or moving to safety, equipment in the event of storm conditions.

44. **Refer to Sheet C-6 Plan Note 9. Restricts Anchor placements to 5 specific locations, can we use a spud barge and if so, can we spud in the area inside of B1 Zone?**

A spud barge may be used as long as spuds are placed within the B1 sand recovery area. Temporary piles or structures may be installed in the Sand Recovery Area, shown on Drawing C-6, with the following limitations:

The contractor shall ensure, similar to anchor placement, that structure placement on the seafloor does not damage coral, sea grass, or any other protected species.

45. **Refer to 01567-13, C. SUSPENSION OF WORK. The Owner may also suspend any operations which he feels are creating pollution problems although they may not be in violation of the above-mentioned requirements. In this instance, work shall be done by force account. Please elaborate on the work to be completed under force account.**

Section 01567 ENVIRONMENTAL PROTECTION, 1.13 SUSPENSION OF WORK has been modified by DELETING Item C, REPLACED with the following:

"The Owner may also suspend any operations which he feels are creating pollution problems although they may not be in violation of the above-mentioned requirements."

Standby days have been accounted for by updating OF-2 with Item 9 Standby Costs for All Equipment and Manpower.

Offer Form OF-2 is deleted in its entirety and replaced with the attached revised OFFER Form OF-2.

46. **Given the history in the state of anchor wires scouring live coral, will surge cans be required for all mooring locations?**

Response to Questions 3 above:
The sand recovery area is located in a broad regional sand field. Each anchor point is located on sandy substrate, with a nominal 100-foot buffer around each point, in sand. These areas were investigated by marine biologists and found to have no coral, seagrass, or other protected species.

Anchor rodes need to be floated to ensure they do not contact the seafloor.

The contractor shall ensure that anchors and anchor rodes do not damage coral, sea grass, or any other protected species.

Response to Question 4 above:
Drawing C-7 Note 4 and Note 5 detail the requirements for the anchors. The contractor shall ensure that anchors and anchor rodes do not damage coral, sea grass, or any other protected species. Anchor rodes need to be floated at the two offloading sites to ensure they do not contact the seafloor.

Note 4 includes:
"Contractor shall ensure that rode is suspended and does not contact the bottom"

Note 5 has been DELETED and REPLACED with the following language:

"5. Anchors for scow/offloading areas shall be placed only within designated circles having 50 ft radii as shown. Contactor shall verify anchor placement does not damage coral, sea grass, and any other protected species."

47. **Will a dive survey of mooring locations be required?**

The Contractor is responsible for ensuring there are no coral, sea grass, or any other protected species in their anchors sites, as shown by the mooring locations shown in Sheet C-7.

Note 5 has been DELETED and REPLACED with the following language:

"5. Anchors for scow/offloading areas shall be placed only within designated circles having 50 ft radii as shown. Contactor shall verify anchor placement does not damage coral, sea grass, and any other protected species."

48. **MANAGEMENT PLAN WORKPLAN Mobilization 2. If deck barges are used, they will be equipped with concrete wear decks and containments fences. Please elaborate, does this mean sand material cannot be placed on steel decks of a material barge?**

Steel deck barges will utilize concrete wear decks for sand transportation.

49. **Will stockpiling of all sand at the North offloading area in lieu of the South offloading be allowed?**

No, this will not be allowed. North Pacific swell erodes the north end of the project area each winter. The North Berm Enhancement area is expected to progressively erode over the duration of the winter months.

50. **RFP Section Four, Evaluation Criteria. Please confirm if relevant experience in offshore sand recovery and beach maintenance/nourishment work be limited to projects in the Hawaiian Islands?**

Relevant experience is not limited to projects in the Hawaiian Islands; however, the contractor should have some portion of relevant experience in the Hawaiian Islands due to their unique environment and highly energetic wave characteristics.

51. **Would a fixed trellis at either offloading location be allowed?**

Yes.

52. **The RFP indicates a period of 150 days for the project from October 1, 2023 and end on February 28, 2024. During the pre-bid meeting, there were discussions regarding coral spawning and the Christmas tourist season. Please confirm any schedule requirements in addition to the 150 day duration already given.**

The Term of Contract is the full 150 days as detailed in Section 2.3 Term of Contract, starting on October 1, 2023.

53. **Refer to 01567-5, G. EROSION CONTROL, 7. Sand recovery/placement shall not be done during storms or periods of high surf. Please define high surf?**

The contractor shall work at his discretion with regard to weather and sea conditions, which may partly be a factor of the methodology and type of equipment being used. The contractor is, however, expected to work in a safe manner at all times. In addition, the contractor is expected to have a plan for securing, or moving to safety, equipment in the event of storm conditions.

54. **Due to the complexity of this project, please consider a 2 week extension to the bid date.**

Proposal due date has been extended to May 27, 2022. The original schedule in Section 1.4 RFP Schedule and Significant Dates, has been revised accordingly, as shown above.

55. Can barge anchors be placed within the boundaries of the sand recovery area?

Additional barge anchors can be placed within the boundaries of the B1 sand recovery area. These anchors may be installed in the Sand Recovery Area, shown on Drawing C-6, with the following limitations:

Anchor rodes need to be floated to ensure they do not contact the seafloor.

The contractor shall ensure that anchors and anchor rodes do not damage coral, sea grass, or any other protected species.

56. Can barge anchors be placed within the boundaries of the north scow and offloading area and the south scow and offloading area?

Barge anchors may be installed in the sand offloading areas shown on Drawing C-7, with the following limitations:

Anchor rodes need to be floated to ensure they do not contact the seafloor.

The contractor shall ensure that anchors and anchor rodes do not damage coral, sea grass, or any other protected species.

57. Specifications allow for a trestle to be used to support the sand transfer to the beach. Please confirm that driven piles will be allowed to support the trestle structure.

Driven piles will be allowed to support a trestle structure in the sand offloading areas shown on Drawing C-7, with the following limitation:

The contractor shall ensure piles do not damage coral, sea grass, or any other protected species.

GENERAL INFORMATION

1. A voluntary pre-proposal conference was held on April 29, 2022. The pre-proposal conference meeting agenda and sign-in sheet are attached.

Engineering Division

Carty S. Chang
Chief Engineer

ATTACHMENTS:
Revised Offer Form OF-2
Pre-Proposal Conference Meeting Agenda
Pre-Proposal Conference Sign-in Sheet
Revised Bid Bond Form

OFFER FORM
OF-2

Base Work:

Item No.	Quantity	Unit	Description	Unit Price	Total
1.		LS	Dredge, transport, convey, and place sand, up to 60,000 cy, in accordance with the project PLANS and specifications	LS	**$**_____
2.		LS	Project Sign, in place complete.	LS	**$**_____
3.	Allowance		Measures for the protection of the environment and general public, in place complete. Work includes but is not limited to furnishing, installing, maintaining, repairing, and the subsequent removal of various temporary Best Management Practices (BMPs) for dust, erosion, and sediment controls; good housekeeping; temporary safety fences, barricades, gates, signs, and traffic controls; development and maintenance of pedestrian and vehicular traffic control plan; police officer; watering of the project site and other dust control measures, as required; construction ingress/egress; sediment control filters, compost filter socks, sediment containment devices, silt curtains; environmental and archaeological monitoring, including water quality monitoring, as needed; restoration work; miscellaneous work and materials appurtenant to reduce dust, erosion, and stormwater pollution; tree protection and preservation measures, and as directed by the State. The Contractor shall	Force Account	**$ 1,500,000**

Item No.	Quantity	Unit	Description	Unit Price	Total
			perform this work on a Force Account basis and shall be compensated in accordance with contract terms and conditions. Unused portion shall remain with the State.		
4.	Allowance		Field Office.		**$ 10,000.00**
				Subtotal (Items 1-4)	**$**_____
5.		LS	Mobilization (not to exceed 12% of the Subtotal Base Bid)		**$**_____
6.		LS	Demobilization (not to exceed 6% of the Subtotal Base Bid)		**$**_____
				Total Base Work (Items 1-6)	$_____

Variable Quantities Unit Prices

Item No.	Quantity	Unit	Description	Unit Price	Total
7.	15,000	CY	Dredge, transport, convey, and place sand, up to 15,000 cy, in accordance with the project PLANS and specifications	$_____	$_____
8.	1	EA	Demobilization / remobilization costs due to archaeological protection or community delays	$_____	$_____
9.	10	Working Days	Standby cost for all equipment and manpower for up to 10 total working days	$_____	$_____
10.	1	Barge load	Segregate coarse material from entire barge load of sand and dispose of segregated coarse material per Specification Section 02260 Sand Dredging, Offloading, Conveyance, and Placement, 3.1B. Material to be Dredged.	$_____	$_____

Agenda

Pre-Proposal Conference

Job No. E00XM30A
Kāʻanapali Beach Restoration and Berm Enhancement,
Lahaina, Maui

Date: April 29, 2022 @ 10:00 a.m.

Location: Teleconference (808) 451-0217, ID 612419#

1. Introductions

2. Brief Description of Project and Scope

   The Department of Land and Natural Resources (DLNR) is requesting proposals for the recovery of approximately 75,000 cy of offshore sand, its transport to shore, and its placement on the beach between Hanakaʻōʻō Littoral Cell and Kāʻanapali Littoral Cell.

3. Proposals are due on May 16, 2022, at 2:00 p.m. Proposals shall be uploaded to the HIePRO website.

4. Last day to submit questions is May 6, 2022, at 2:00 p.m.

5. Questions
   Note: All answers and comments are unofficial; official answers will be distributed in an Addendum.

ATTENDEES

PRE-PROPOSAL CONFERENCE

Job Title: Kā‘anapali Beach Restoration and Berm Enhancement, Maui, Hawai‘i

Job Number: E00XM30A Date: April 29, 2022 Time: 10:00 am

	NAME	AGENCY	PHONE NO.	EMAIL ADDRESS
1	Teri Wong	DLNR Engineering	(808) 587-0238	Teri.k.wong@hawaii.gov
2	Valerie Suzuki	DLNR Engineering	(808) 587-0275	Valerie.s.suzuki@hawaii.gov
3	Chris Conger	Sea Engineering, Inc.	(808) 259-7966	cconger@seaengineering.com
4	David Smith	Sea Engineering, Inc.	(808) 259-7966	dsmith@seaengineering.com
5	Marc Ericksen	Sea Engineering, Inc.	(808) 259-7966	mericksen@seaengineering.com
6	Scott Sullivan	Sea Engineering, Inc.	(808) 259-7966	ssullivan@seaengineering.com
7	Nathan Young	Healy Tibbitts Builders, Inc.	(808) 487-3664	nknyoung@healytibbitts.com
8	Neil Williams	Pacific Pile & Marine	(206) 331.3873	neilw@pacificpile.com
9	Kyle Johnson	Kiewit Infrastructure West Co.		
10	Stephen Welling	American Marine Corporation	(808) 300-9645	welling@amarinecorp.com
11	Doug Fraser	American Marine Corporation	(808) 479-8509	doug@amarinecorp.com
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APPENDIX

SURETY BID BOND

Bond No. _____

KNOW ALL MEN BY THESE PRESENTS:

That we, [Full name or legal title of bidder] as Principal, hereinafter called the Principal, and [Bonding company], a corporation duly licensed for the purpose of making, guaranteeing, or becoming sole surety upon bonds or undertakings required or authorized by the laws of the State of Hawaii, as Surety, hereinafter called the Surety, are held and firmly bound unto [State/county entity], as Owner, in the penal sum of [Required amount of bid security] dollars ($_____), lawful money of the United States of America, for the payment of which sum well and truly to be made, the said Principal and the said Surety bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS:

The Principal has submitted an offer for [Project by number and brief description].

NOW, THEREFORE:

The condition of this obligation is such that if the [State/county entity] shall reject said offer, or in the alternate, accept the offer of the Principal and the Principal shall enter into a Contract with the [State/county entity] in accordance with the terms of such offer, and give such bond or bonds as may be specified in the solicitation or Contract Documents with good and sufficient surety for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof as specified in the solicitation then this obligation shall be null and void, otherwise to remain in full force and effect.

Signed this _____ day of _____, 20____.

_____
(Principal)

By_____
Its

_____
(Surety)

By_____
Its Attorney-in-Fact