

Contract No. W912BU-17-C-0005

Manasquan Inlet to Barnegat Inlet Beachfill, Initial Construction, Ocean County, New Jersey

Pre-Construction Conference Agenda

Time and date: 10:00 AM to 11:30 AM, 3/17/17

Place: 1 Municipal Plaza, Seaside Park, NJ 08752

I. Introduction and General Outlines of Conference

1. Introduction of Attendees –
2. Outline of conference and purposes – The pre-construction conference is to summarize the project, introduce personnel administering the project and discuss anticipated construction issues before the project begins.
3. Organization –
 - A. USACE Chain of Command
 - 1) District Commander – LTC Michael Bliss
 - 2) Chief, Engineering and Construction Division – Peter Tranchik, P.E.
 - 3) Chief, Construction Branch – Christine Clapp, P.E.
 - 4) Project Manager – Keith Watson, P.E.
 - 5) Resident Engineer – Christian Bickings, P.E.
 - 6) Project Engineer – Joseph Rossano, P.E.
 - 7) QA Representative – TBD
 - B. USACE Contract Authority
 - 1) Contracting Officer – Gregory Keaton
 - 2) Administrative Contracting Officer – Christian Bickings, P.E.
 - 3) Contract Specialist – TBD
 - 4) Contracting Officer's Representative – Joseph Rossano, P.E.
 - C. Prime Contractor – Weeks Marine, Inc. (WMI)
 - 1) Project Manager/Superintendent –
 - 2) Contractor Quality Control System Manager (CQCSM) –
 - 3) Alternate CQCSM –
 - 4) Project Engineer/Alt. CQCSM –
 - 5) (hydraulic cutter head) RS Weeks Captains – Robert Guidroz and Robert Hill
 - 6) (hopper dredge) RN Weeks Captains – Mike Attisani and Joseph Purcell
 - 7) (hopper dredge) BE Lindholm Captains – Kent Hambrecht and George Arey
 - 8) (hopper dredge) Magdalen Captains –
 - 9) Site Safety and Health Officer (SSHO) –
 - 10) Alternate SSHOs –
 - 11) Surveying Subcontractor –

- 12) Structures Monitoring Subcontractor –
- 13) Crossover and Fencing Subcontractor –
- 14) Dune Grass Subcontractor –

D. Others

- 1) New Jersey Department of Environmental Protection (NJDEP)
- 2) Mantoloking
- 3) Brick Township
- 4) Tom's River North
- 5) Lavallette
- 6) Tom's River South
- 7) Seaside Heights
- 8) Seaside Park
- 9) Point Pleasant, Bay Head and Berkley

4. Overview of project work plan (start-up) –

- A. Pipeline landing locations and direction of fill for Mantoloking (cutter) and Tom's River South (hopper)

II. Administrative Requirements

1. Commencement, Prosecution and Completion of Work (Section 00 70 00 – 20, 52.211-10 COMMENCEMENT, PROSECTIONS, AND COMPLETION OF WORK (APPR 1984))
 - A. Award – Base bid was awarded 1/10/17; current base contract amount is \$91,922,023.
 - B. Notice to Proceed (NTP) – 1/20/17.
 - C. Construction Completion – Current Contract Completion Date (CCD) is 5/28/18 (490 days after NTP).
 - D. The only acceptable exception to the completion time, if necessary will be for dune grass planting and associated fertilizing, which shall be during the approved planting and fertilizing window. The beachgrass planting window is from 10/15 to 4/1. The spartina patens planting window is from 9/1 to 10/1 or 3/1 to 5/31. First application of fertilizer shall be when plants break dormancy; second application shall be between 7/1 and 8/1.
2. Liquidated Damages (Section 00 70 00, pg. 22, 52.211-12 LIQUIDATED DAMAGES – CONSTRUCTION (SEP 2000) – \$9,400.00 for each calendar day of delay until the work is completed or accepted.

III. Summary of Work

1. Description – The contract work consists of a Base Bid to place approximately 1,607,000 cubic yards of beachfill material in the Borough of Mantoloking from Station 207+68 to Station 277+58; to place approximately 1,573,000 cubic yards of beachfill material in Brick Township from Station 277+58 to Station 371+64; to place approximately 1,139,000 cubic yards of beachfill material in Toms River Township (North) from Station 371+64 to Station 449+81; to place approximately 1,410,000 cubic

yards of beachfill material in the Borough of Lavellette from Station 449+81 to Station 526+37; to place approximately 1,236,000 cubic yards of beachfill material in Toms River Township (South) from Station 526+37 to Station 567+09; to place approximately 660,000 cubic yards of beachfill material in the Borough of Seaside Heights from Station 567+09 to Station 608+70; to place approximately 931,000 cubic yards of beachfill material in the Borough of Seaside Park from Station 608+70 to Station 698+01, all as specified and as shown in the attached plans and specifications. The Base Bid work includes, but is not limited to the following, in addition to beachfill: demolition of existing fence and other existing structures; construction of pedestrian, vehicular, and Americans with Disabilities Act (ADA) accessible dune crossovers; berm stabilization walkway mats; construction of a timber bulkhead and steel sheet pile bulkhead; structures monitoring; providing sand fence, split rail fence, and post and rail fence; and planting of dune grass.

The contract work includes Option work, if awarded, to place approximately 59,000 cubic yards of beachfill material in the Borough of Point Pleasant Beach from Station 0+00 to Station 38+50; to place approximately 464,000 cubic yards of beachfill material in the Borough of Point Pleasant Beach from Station 38+50 to Station 94+42; to place approximately 1,412,000 cubic yards of beachfill material in the Borough of Bay Head from Station 94+42 to Station 162+36; to place approximately 358,000 cubic yards of beachfill material in the Borough of Mantoloking from Station 162+36 to Station 182+69; to place approximately 597,000 cubic yards of beachfill material in the Borough of Mantoloking from Station 182+69 to Station 207+68; and to place approximately 161,000 cubic yards of beachfill material in Berkley Township from Station 698+01 to Station 735+40, all as specified and as shown in the attached plans and specifications. The Option work may include, but is not limited to the following, if awarded, in addition to beachfill: demolition of existing fence and other existing structures; construction of pedestrian, vehicular, and Americans with Disabilities Act (ADA) accessible dune crossovers; berm stabilization walkway mats; construction of a timber bulkhead and timber sheeting; structures monitoring; providing sand fence, split rail fence, and post and rail fence; and planting of dune grass.

The Contract work may include Options to place additional beachfill material. Pre-placement condition surveys shall be performed to determine the exact location and quantity of beachfill material required within the limits indicated, and will be a determining factor in the award of Options for additional quantities of beachfill. Where Options for additional beachfill are awarded, the additional beachfill material shall be placed immediately after the initial Base Bid quantity has been placed in the area(s) to be covered by the awarded Option(s). The intent is to complete the beachfill template in a given Base-plus-Option area, before proceeding with work further along the construction baseline.

The Contract work also includes Option work, if awarded, to construct private dune crossovers in the municipalities of Toms River Township (North) and Toms River Township (South); and to replace the Sea Avenue pump station force main in Point Pleasant Beach Borough. The Sea Avenue pump station force main Option work, if awarded, includes, but is not limited to, all material, equipment, and labor needed to perform demolition, excavation, dewatering cofferdams, temporary pump station discharge diversion, field survey, layout, furnishing and driving piles, constructing pile bents, pipes, cable tie-downs, wye-vault structure, backfill, and miscellaneous appurtenances complete with final restoration, as well as certified as-built documents.

The borrow areas available for use are located approximately 2,000 to 5,000 feet from the project location. See the contract drawings for the exact locations. All material for beachfill work performed under this contract shall be obtained from these offshore borrow areas. Beachfill material from any other source, including trucking from upland sources, will not be considered under this contract.

2. Sequencing and Scheduling – Reasonable public access to the beach must be provided during the course of construction of the project. Typically, portions of areas receiving beachfill are not accessible to the public until the completion of dune crossovers. In order to ensure reasonable public access, complete each crossover not later than 14 calendar days after completion of beachfill in each area of a crossover. The Contracting Officer reserves the right to temporarily stop beachfill operations if the completion of dune crossovers exceeds this time period, at no additional cost to the Government. Any street lane closures shall be coordinated with the COR, the local Fire Department, and the local Police Department a minimum of 7 calendar days prior to the needed closure. Any additional costs associated with such closures, shall be at no additional cost to the Government.
3. Work Hours – The Contractor may work 24 hours per day, 7 days per week, to complete the contract work. However, the Contractor shall be required to comply with local codes regarding noise at all times during the contract period. The Contractor shall be required to equip his land-based equipment with noise suppression equipment if so directed by the COR. Perform crossover construction and fencing, signage, planting, and timber bulkhead work during daylight hours.
4. Munitions and Explosives of Concern (MEC) Construction Support – Involves safety support and avoidance of potential unexploded ordnance, exploded ordnance, inert ordnance and ordnance fragments and similar explosives debris material within the dredging prism of the borrow area during performance of dredging activity. WMI to provide Unexploded Ordinance Technician (UXOT)/UXO Qualified Personnel (UXOQP) to inspect beach screening devices as well as conduct MEC removal from placed material in the event of a discharge screen failure.
5. Staging Areas and Material Storage Areas (Section 01 50 00, pg. 4, 3.1) – Staging areas and material storage areas are available and their locations are indicated on the contract drawings. Provide security fence as specified herein. Do not place or store trailers, materials, or equipment outside the fenced area. Trailers, equipment, or materials must not be open to public view with the exception of those items which are in support of ongoing work on any given day. Park mobile equipment, such as tractors, wheeled lifting equipment, cranes, trucks, and like equipment within the fenced area at the end of each work day.
6. Worksite Access – Access to the work site is available by land and water. Access to the shorefront shall be at the locations indicated on the drawings. Any materials required to establish or stabilize an access point for vehicle use shall be approved by the COR and provided and removed by the Contractor. Any additional parking that the Contractor requires, outside the work limits, shall be coordinated directly with the appropriate local officials. Access to the approved borrow areas is by water only.
7. Truck Transportation Route and Traffic Safety Control – Contractor to explain proposed routes and proposed traffic safety controls.
8. Project and Safety Signs (Spec. Section 01 50 00, pg. 4, 2.4) – Provide and erect at locations designated by the Contracting Officer, the project identification and safety signs shown on the sketches attached to this section. Include "The State of New Jersey" and the "NJDEP Bureau of Coastal Engineering" as the project sponsors. In addition, the Contractor shall include the Philadelphia District's website address on the project sign, list the respective city officials, and state that part of the funding for the project is being provided for by the respective city, all in a manner and as directed by the COR. A shop drawing of the Project and Safety Sign graphics and materials

shall be submitted for review before fabrication. Erect signs within 15 days after receipt of the notice to proceed. Correct the data required by the safety sign daily, with light colored metallic or non-metallic numerals.

9. Coast Guard Notifications – Discuss Notice to Mariners, Request to Move Navigation Aids, Request to Place Submerged Pipelines across Channel and general United States Coast Guard (USCG), USACE and Contractor procedures in a shipping channel (Section 00 73 00, pg. 2-4, 1.1). Please note that all communications between WMI, USCG and USACE shall be documented and communicated to other parties as applicable.
10. Local regulations – Discuss local chain of command, parking issues, police issues, beach patrol issues and other local concerns.

IV. Schedule of Work (based on WMI's projected execution schedule dated 3/13/17)

1. Mantoloking 6/30/17 – 9/12/17 (hydraulic cutter head RS Weeks)
2. Seaside Heights 9/20/17 – 10/29/17 (hydraulic cutter head RS Weeks)
3. Seaside Park 10/6/17 – 12/30/17 (hydraulic cutter head RS Weeks)
4. Tom's River South 10/16/17 – 12/14/17 (tandem hopper dredges RN Weeks and BE Lindholm)
5. Brick Township 12/15/17 – 3/14/18 (tandem hopper dredges RN Weeks and BE Lindholm)
6. Tom's River North 1/1/18 - 3/21/18 (hopper dredge Magdalen)
7. Lavallette 3/15/18 - 4/27/18 (tandem hopper dredges RN Weeks and BE Lindholm and hopper dredge Magdalen)

V. Safety

1. Safety and Health Requirements Manual – EM 385-1-1
2. Specification Section 01 35 26 – Governmental Safety Requirements
3. Accident Prevention (FAR 52.236-13)
4. Cleaning Up (FAR 52. 236-12)
5. Pre-Construction Safety Meeting – TBD. Actual construction work (survey, mobilization, etc.) cannot commence until safety submittals are approved and Pre-Construction Safety Meeting is held.

VI. Quality Control System/Contractor Quality Control

1. Specification Section 01 45 00 – Contractor Quality Control
2. Specification Section 01 45 05 – Quality Control System (QCS) and Resident Management System (RMS)
3. Quality Control Coordination Meeting – TBD. Actual construction work (survey, mobilization, etc.) cannot commence until quality control submittals are approved and Pre-Construction Safety Meeting is held.

VII. Contract Clauses

1. Specifications and Drawings for Construction (FAR 52.236-21)
2. Changes and Modification Procedures (FAR 52.243-4)
3. Progress Schedule
 - A. In accordance with FAR 52.236-15, Scheduled for Construction Contracts
 - B. Specification Section 01 32 01, Project Schedule
4. Differing Site Conditions (FAR 52.236-2)
5. Permits and Responsibilities (FAR 52.236-7)
6. Disputes (FAR 52.233-1)
7. Termination for Default (FAR 52.249-10)
8. Use and Possession Prior to Completion (FAR 52.236-11)
9. Materials and Workmanship (FAR 52.236-5)
10. Protection of Existing Vegetation, Structures, Equipment, Utilities, and Improvements (FAR 52.236-9)
11. Contractor Performance Evaluations – Final, possible midpoint/interim evaluation
12. Shop Drawings and Submittal Procedures (01 33 00) – All submittals shall be addressed to the project COR and be submitted through RMS. Until a field office is established, the address is as follows:

ATTN: Mr. Joseph Rossano
U.S. Army Corps of Engineers Philadelphia District
Coastal New Jersey Resident Engineer Office
FAA Technical Center, Building 15
Atlantic City International Airport, NJ 08405
13. Correspondence procedures – Correspondence shall also be addressed to the project COR at the same address above.
14. WMI Field Office Address – TBD
15. USACE Field Office Address – TBD
16. Required Meetings
 - A. Weekly Progress Meetings – Time, day of week and location to be determined.
 - B. Preparatory, Initial and Follow-up meetings for all Definable Features of Work (DFOW).

C. Monthly Update Meeting

17. Layout of Work (FAR 52.236-17)
18. Buy American Act-Construction Materials (FAR 52.225-11)

VIII. Labor Relations

1. Construction Wage Requirements (FAR 52.222-6 – Wage Rates)
2. Contractor Work Hours and Safety Standard Act (FAR 52.222-4)
3. Apprentices (FAR 52.222-9)
4. Payroll and Basic Records (FAR 52.222-8)
5. Compliance with Copeland Anti-Kickback Act (FAR 52.222-10)
6. Withholding Final Payment, Scheduling (Specification Section 01 78 39 para 3.4)
7. Contract Termination-Debarment (FAR 52.222-12)
8. Subcontractor Labor Standards (FAR 52.222-11)

IX. Contractor

1. Responsible representative on jobsite
2. Safety
3. Quality Control
4. Authorities of representatives

X. Additional Discussion Points

1. Schedule and project work plan
2. Public safety
 - A. Contractor's dedicated public safety personnel (one at each closed beach area)
 - B. Local police/fire contacts
3. Beach closings (1,000' sections), SECTION 35 31 00, 1.7.1
4. Equipment/vehicles operating on open beaches.
5. Parking

6. Access to beach over boardwalk and boardwalk vehicle permits
7. Grade stakes
8. Staging/storage areas
 - A. Exact locations and sizes on beach TBD by WMI
 - B. Security
 - C. Restoration
9. Environmental protection
10. Outfall drainage – Once beachfill operations come within 1,000 feet of an outfall, the Contractor shall establish, if necessary, and maintain drainage at that outfall until final demobilization of all dredging- and beachfill-related personnel and equipment is complete.
11. Homeowners/businesses concerns
12. Vibration monitoring and letters to owners
13. Severe weather issues
14. Variations, substitutions or changes to contract
15. Surveys
 - A. Pre-placement survey range and timeline
 - B. 14 day BD/AD window
 - C. Landing pad survey
 - D. 25' topo/hydro overlap with 10 points each
 - E. Adjusted construction template (i.e. compensating slope) approved weekly by USACE and NFS at progress meetings
16. Crossover scheduling – Crossovers are to be completed not later than 14 calendar days after completion of beachfill in each area of a crossover. No concurrent construction on adjacent crossovers.
17. Borrow areas
18. Coordination with USCG