

Appendix E  
Specifications Outline

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## SPECIFICATION DIVISION

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The specification list was developed for Intermediate (60%) Remedial Design (RD). This list includes the sections that will provide the general and specific requirements for the implementation of dredging, excavation, material placement activities, and other ancillary activities. Additional divisions and associated specification sections will be added at the Pre-Final (90%) RD, if necessary, in the event that design refinements dictate that additional sections are needed. This specification outline also includes a summary content of each section. The full set of specifications will be provided at the Pre-Final (90%) RD, with the exception of Division 00 (because it is not part of the design documents).

### DIVISION 00

#### Procurement and Contracting Requirements

- 00 01 01**      **Cover**
- 00 01 01**      **Cover-Drawings**
- 00 01 02**      **Stamps-Signatures**
- 00 01 03**      **Table of Contents – Division List by Volume**
- 00 01 04**      **Table of Contents – Specification List by Division**
- 00 72 00**      **General Terms and Conditions**

### DIVISION 01

#### General Requirements

- 01 11 00**      **Summary of Work** – This Section contains a summary of the Work included in this Contract.
- 01 13 00**      **Reference Material** – This Section lists reference materials relative to the Project. Reference materials are provided for informational purposes only and are not to be considered Contract Documents.
- 01 14 00**      **Work Restrictions** – This Section specifies completion times, milestones, constraints, hours of work, and liquidated damages.
- 01 19 50**      **Protection and Maintenance of Property and Work** – This Section specifies protection and maintenance of underground and aboveground utilities, structures, fences, parking strips, sidewalks, driveways, streets, and other improvements that may be affected by the Work. This Section also specifies requirements for Contractor disposition of third-party claims in a timely manner.
- 01 29 00**      **Measurement and Payment** – Measurement is described under each Bid Item in this Section. Payment for the various items on the Bidding Schedule shall include all compensation to be received by the Contractor for furnishing all tools, equipment, supplies, and manufactured articles, and for all labor, operations, and incidentals appurtenant to the items of work being described, as

necessary to complete the various items of the Work, all in accordance with the requirements of the Contract Documents.

**01 31 19 Contract Meetings** – This Section specifies Contract meetings prior to and during construction. Contract meetings include the Pre-Construction Meeting, Progress Meetings, and coordination meetings throughout the duration of the Project.

**01 32 16 Construction Progress Schedules and Reports** – This Section specifies requirements and procedures for preparing project schedules, Schedule of Values, and reports.

**01 32 33 Photographs and Videos** – This Section specifies requirements, such as format, resolution, and timeline for submittal for photographs and videos to be provided prior to, during, and after construction.

**01 33 00 Submittal Procedures** – This Section specifies procedures and requirements for all pre-construction, construction, and post-construction submittals, substitutions, and deviations, as required by the Specifications. It also contains the Contractor submittal tracking requirements including the Master Submittal List (presented in Section 01 33 10A, Standard Form D).

**01 33 00A Submittal Procedures, Attachment A: Summary List/Schedule of Contractor Submittals** – This Section includes a summary of all submittals and associated schedule required by the Specifications, organized by pre-construction, construction, and post-construction submittals.

**01 33 10 Standard Forms** – This Section specifies requirements for completing the documentation forms for tests and evaluations required for the Contract.

**01 33 10A Standard Forms, Attachment A: All Required Forms** – This Section includes the templates for documentation forms required for the Contract, to be filled out by the Contractor.

**01 33 44 Green Remediation and Quality of Life** – This Section specifies the Project construction requirements for green and sustainable remediation and quality of life considerations.

**01 35 29 Health and Safety** – This Section specifies the requirements for health and safety provisions necessary for all Work at the Work Site for this Project, and procedures for complying with applicable laws and regulations related to worker safety and health. The Contractor shall adhere to applicable federal, state, and local health and safety standards. For in-water work health and safety requirements, the Contractor shall also refer to Section 35 10 00 (Navigation Safety and Marine Traffic Control).

**01 35 43 Environmental Procedures** – This Section specifies environmental controls and requires plans that describe how the Contractor will manage environmental mitigation and controls during the Work. The Contractor shall be responsible for adhering to these environmental procedures while completing all Work elements under this Contract.

**01 41 00 Environmental Regulatory Requirements** – This Section specifies the requirements of environmental laws and regulations that pertain to the scope of Work of this Project. The Contractor shall fully comply with the provisions of such laws as they may apply to the Work.

**01 41 26 Easements and Right-of-Entry Agreements** – This Section specifies easement and right-of-entry agreements requirements for the Project.

**01 45 00 Quality Control** – This Section specifies requirements for the Contractor’s quality control program (including coordination with material suppliers, testing agencies, and other entities that may be employed by the Project Representative), as well as the Contractor’s duties and responsibilities during execution of the Work. This Section also includes requirements for submittal of the Construction Quality Control Plan.

**01 52 00 Construction Facilities** – This Section specifies requirements for the Contractor’s temporary construction facilities and construction requirements for utilities, Work Site access control, roads, and miscellaneous items.

**01 52 01 Project Representative Field Office** – This Section specifies the requirements for the Project Representative field office.

**01 55 26 Traffic Control** – This Section specifies the requirements for upland traffic control during construction and for submittal of the Traffic Control Plan. Additionally, notification schedules, traffic control equipment (such as temporary barricades, signs, flaggers, lights, road surfaces, detours, and maintenance) and other necessary safeguards are specified in this Section.

**01 70 00 Closeout Requirements** – This Section provides Project closeout requirements for inspection and declaration that the Work has been completed as required by the Contract Documents. Upon formal review and acceptance of the Work by the Project Representative, the Work will be determined to be complete, and the Contractor shall then demobilize from the Work Site.

**01 74 23 Final Cleaning** – This Section specifies the final cleaning of equipment used during the Work and the areas affected during performance of the Work prior to completion of punch-list items.

**01 78 39 Project Record Documents** – This Section specifies requirements for the Contractor to provide As-Built Drawings, Record Documents, and Record information, showing as-built conditions of the Work Site.

## DIVISION 02

### Existing Conditions

**02 21 00 Site Surveys** – This Section specifies surveying and positioning control work requirements. The Contractor shall be required to perform Progress Surveys, Pre-Construction Surveys, and Post-Construction Surveys that will be used for payment purposes.

**02 32 00 Geotechnical Information** – This Section specifies the available geotechnical information for the Work Site and how it is to be used by the Contractor.

**02 41 00 Demolition and Salvage** – This Section specifies demolition, equipment salvage, cutting, and patching.

## DIVISION 09

### Coatings

**09 60 62 Coating of Steel Piles** – This Section specifies requirements for materials and application of coating for steel piles.

## DIVISION 31

### Earthwork

**31 09 00 Geotechnical Instrumentation and Condition Inspection** – This Section describes the qualifications, installation, monitoring protection, maintenance, reporting and removal requirements for instruments to measure ground, structure and utility displacement, as well as the performance of conditions inspections of identified structures.

**31 11 00 Clearing and Grubbing** – This Section specifies Work Site clearing and grubbing in preparation for remedial activities for the Project.

**31 25 00 Erosion and Sedimentation Control** – This Section specifies requirements for constructing and maintaining the surface water drainage and temporary erosion and sediment control system, referred to as "Temporary Erosion Control System" or "Erosion Control System."

**31 62 10 Steel Pipe Piling** – This Section specifies the requirements for furnishing and driving steel pipe piles of the type and dimensions indicated on the Drawings, including cutting off or building up piles when required.

## DIVISION 32

### External Improvements

**32 32 10 Bulkhead Wall Systems** – This Section specifies the requirements for constructing sheetpile wall replacement for existing timber stub bulkhead, as well as repairs, installing tieback anchor to reinforce existing soldier piles and lagging walls, and a sheetpile wall system.

## DIVISION 33

### Utilities

**33 05 25 Outfall Energy Dissipation Structure and Bank Protection** - This Section specifies the requirements for outfall energy dissipation structures and associated bank protection.

## DIVISION 35

### Waterway and Marine Construction

**35 10 00 Navigation Safety and Marine Traffic Control** – This Section specifies the requirements for navigation safety and marine traffic control that will be enforced during construction.

**35 20 23 Remedial Dredging, Barge Dewatering, and In-Water Transportation** – This Section specifies the requirements for remedial dredging, Dredge Material, Dredge Debris, and Identified Debris removal, barge dewatering, dredge return water treatment (if applicable), and in-water transportation of Dredge Material, Dredge Debris, Identified Debris, and Demolition Debris to the Contractor Transload Facility. Remedial dredging activities include Required Dredging (to remove Dredge Material and Dredge Debris from the Work Site by dredging or excavation) and potential Contingency Re-Dredging (to remove Dredge Material associated with Generated Residuals or Missed Inventory if the Implementing Entity-conducted confirmational sampling and testing results indicate the need for Contingency Re-Dredging).

**35 20 23.01 Transloading, Upland Transportation, and Disposal** – This Section specifies the requirements for transloading (including offloading, stockpiling, dewatering [if applicable], and re-handling) of Dredge Material, Dredge Debris, Identified Debris, and Demolition Debris at the Contractor Transload Facility(ies) and the requirements for upland transportation for delivery to and final disposal at an approved upland Disposal Facility. This Section also specifies requirements for recording and reconciling quantities of materials shipped for final disposal.

**35 37 10 Material Placement** – This Section specifies the requirements for the placement of Enhanced Natural Recovery, Amended Cover, Residuals Management Cover, Backfill Material, and Armor Material within the footprints shown on the Drawings.