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## **VOLUME 1.4 – SCOPE OF WORK – EXHIBIT A**

### **1.0 BASE BID:**

Base Bid Purpose is to cut-off and abandon in-place former military water and waste-water infrastructure in the City of Seaside Surplus II Project Area and to leave the existing Marina Coast Water District (MCWD) water/waste water system on the periphery of each project area in good repair.

The Contractor shall perform all work necessary to complete the Contract in accordance with the Contract Documents. The Contractor shall furnish all materials, equipment, tools, labor, and incidentals necessary to complete the Scope of Work in accordance with the Contract Documents within Seventy-Five (75) calendar days of the Notice to Proceed.

**01 27 00 Measurement and Payment** defines each bid item, the Bid Schedule, measurement and payment provisions for each of the bid items. Contractor must Bid per the Bid Schedule.

### **1.1 GENERAL CONSTRUCTION**

The Contractor shall provide project management, site supervisions, mobilization, temporary facilities and utilities, meetings, demobilization, clean up, performance and payment bonds, insurance, supervision, planning, design, design engineering fees, and Division 01 “General Requirements” measures necessary to complete all work per the Contract Documents.

- Contractor shall coordinate with MCWD and FORA and must submit an updated Disinfection Plan, Materials Plan, Safety Plan, Critical Path Method (CPM) Schedule, Traffic Plan, and Work Plan for the work identified below within fifteen (15) calendar days following the execution of the contract. Upon approval of the Disinfection Plan, Materials Plan, Safety Plan, CPM Schedule, and Work Plan to FORA prior to a Notice to Proceed (NTP)
- FORA shall not be responsible for any MCWD costs incurred by the contractor.
- Contractor shall be responsible for all labor, material, and equipment costs necessary to procure the required approvals, permits, inspections, and to conduct the work until completed in full.
- Contractor must ensure site safety, and comply with all regulatory requirements.

### **1.2 SHEETING, SHORING AND BRACING**

The Contractor shall furnish all equipment, materials, and labor to explore, excavate, and install sheeting and shoring complete and in place. All work related to the installation of the sheeting and shoring shall meet all Occupational Safety and Health Administration (OSHA) requirements and include, but not be limited to, preparation of an approved sheeting and shoring plan, and any other work as required by the Contract Documents.

- Contractor must excavate, shore, fill and compact soil to the required specifications.
- Contractor must protect electrical, gas, and communication infrastructure.

### **1.3 WATER POLLUTION CONTROL**

The Contractor shall furnish all equipment, materials, and labor to install water pollution control measures including but not limited to, fiber rolls, fiber swales, construction fencing, storm drain protection, hazardous material containment, and any other work as required by the Contract Documents.

### **1.4 WATER CONNECTIONS**

The Contractor shall furnish all equipment, materials, labor, tools and incidentals to perform:

- Ten (10) STRAIGHT LINE WATER CONNECTION REPAIRS
- One (1) ELBOW 90 AND TEE REPAIR
- One (1) 90 ELBOW REPAIR
- Three (3) BLIND FLANGE REPAIRS
- One (1) WATER UTILITY PLUG
- Three (3) FIREHYDRANT REMOVALS
- WATER MAIN ABANDONMENT

Work to include, but not be limited to, traffic control, excavation, compaction, backfill, disposal of excess materials, imported backfill, removal and disposal of AC pipe, installation of new pipe, transition couplings, blind flange, restraint harness, AC pipe restraint, grout plug, slurry, disinfection, testing, installation of thrust blocks, and pavement restoration or grading to match existing, complete in place, and as specified within these Contract Documents.

Contractor must take ownership of construction waste and debris at time of creation. Contractor must remove construction waste and debris from construction site prior to completion. Contractor must sample, test and report as required to complete the work in full. Contractor must repair any site damage due to contractor work created during construction. Contractor must ensure site safety, and comply with all regulatory requirements.

### **1.5 SEWER CONNECTIONS**

The Contractor shall furnish all equipment, materials, labor, tools and incidentals to perform:

- Twenty-Four (24) SEWER MANHOLE ABANDONMENTS
- Two (2) SEWER MANHOLE BENCH REPAIR IN STREET
- Seven (7) SEWER MANHOLE BENCH REPAIR IN UNPAVED AREAS

Work to include, but not be limited to, traffic control, excavation, compaction, backfill, disposal of excess materials, imported backfill, removal and disposal of VCP pipe, grout plugs, bench repair, and pavement restoration or grading to match existing, complete in place, and as specified within these Contract Documents.

Contractor must take ownership of construction waste and debris at time of creation. Contractor must remove construction waste and debris from construction site prior to completion. Contractor must repair any site damage due to contractor work created during construction. Contractor must ensure site safety, and comply with all regulatory requirements.

## **1.6 ADDITIONAL WORK**

Contractor to provide on a Time and Material basis labor, material, equipment, and tools necessary to perform work assigned by FORA in support of the Surplus II and Stockade Projects. Likely work may include, but not be limited to, capping water lines or repairing minor leaks in pipe under 2”.

Labor Rates shall be the DIR Prevailing wage rates. Surcharge set to 11%.

Equipment Rates shall be set using the most recent State of California, Department of Transportation’s “Labor Surcharge & Equipment Rental Rates” Surcharge set to 11%.

Materials shall be actual cost plus 15%.

## **2.0 ADDITIVE WORK**

FORA may seek to cut-off and abandon in-place former military water and waste-water infrastructure in the City of Marina at the former military Stockade Project Area (S202), and to leave the existing Marina Coast Water District (MCWD) water/waste water system on the periphery in good repair.

The Contractor shall perform all work necessary to complete the Contract in accordance with the Contract Documents. The Contractor shall furnish all materials, equipment, tools, labor, and incidentals necessary to complete the Scope of Work in accordance with the Contract Documents.

## **2.1 GENERAL CONSTRUCTION**

The Contractor shall provide project management, site supervisions, mobilization, temporary facilities and utilities, meetings, demobilization, clean up, performance and payment bonds, insurance, supervision, planning, design, design engineering fees, and Division 01 “General Requirements” measures necessary to complete all work per the Contract Documents.

- Contractor shall coordinate with MCWD and FORA and must submit an updated Disinfection Plan, Materials Plan, Safety Plan, CPM Schedule, Traffic Plan, and Work Plan for the work identified below within fifteen (15) calendar days following the execution of the contract. Upon approval of the Disinfection Plan, Materials Plan, Safety Plan, CPM Schedule, and Work Plan to FORA prior to a Notice to Proceed (NTP)
- FORA shall not be responsible for any MCWD costs incurred by the contractor.
- Contractor shall be responsible for all labor, material, and equipment costs necessary to procure the required approvals, permits, inspections, and to conduct the work until completed in full.
- Contractor must ensure site safety, and comply with all regulatory requirements.

## **2.2 SHEETING, SHORING AND BRACING**

The Contractor shall furnish all equipment, materials, and labor to explore, excavate, and install sheeting and shoring complete and in place. All work related to the installation of the sheeting and shoring shall meet all OSHA requirements and include, but not be limited to, preparation of an approved sheeting and shoring plan, and any other work as required by the Contract Documents.

- Contractor must excavate, shore, fill and compact soil to the required specifications.
- Contractor must protect electrical, gas, and communication infrastructure.

### **2.3 WATER POLLUTION CONTROL**

The Contractor shall furnish all equipment, materials, and labor to install water pollution control measures including but not limited to, fiber rolls, fiber swales, construction fencing, storm drain protection, hazardous material containment, and any other work as required by the Contract Documents.

### **2.4 WATER CONNECTIONS**

The Contractor shall furnish all equipment, materials, labor, tools and incidentals to perform:

- One (1) STRAIGHT LINE WATER CONNECTION REPAIRS

Work to include, but not be limited to, traffic control, excavation, compaction, backfill, disposal of excess materials, imported backfill, removal and disposal of AC pipe, installation of new pipe, transition couplings, blind flange, restraint harness, AC pipe restraint, grout plug, slurry, disinfection, testing, installation of thrust blocks, and pavement restoration or grading to match existing, complete in place, and as specified within these Contract Documents.

Contractor must take ownership of construction waste and debris at time of creation. Contractor must remove construction waste and debris from construction site prior to completion. Contractor must repair any site damage due to contractor work created during construction. Contractor must ensure site safety, and comply with all regulatory requirements.

### **2.5 SEWER CONNECTIONS**

The Contractor shall furnish all equipment, materials, labor, tools and incidentals to perform:

- Five (5) SEWER MANHOLE ABANDONMENTS
- One (1) GREASE INTERCEPTOR REMOVAL/DISPOSAL

Work to include, but not be limited to, traffic control, excavation, compaction, backfill, disposal of excess materials, imported backfill, removal and disposal of VCP pipe, and pavement restoration or grading to match existing, complete in place, and as specified within these Contract Documents.

Contractor must take ownership of construction waste and debris at time of creation. Contractor must remove construction waste and debris from construction site prior to completion. Contractor must repair any site damage due to contractor work created during construction. Contractor must ensure site safety, and comply with all regulatory requirements.

### **3.0 SPECIAL PROVISIONS**

Special Provisions are identified in **Article 22 of the Contract** and include Sections on:

22.01 PERMITS

22.02 RIGHT-OF-WAY.

22.03 COOPERATION AND COLLATERAL WORK.

22.04 THE CONTRACTOR'S EQUIPMENT AND FACILITIES.

22.05 PROTECTION AND RESTORATION

22.06 REMOVAL.

22.07 CONCRETE AND MASONRY IMPROVEMENTS.

22.08 UTILITIES

A. Location.

B. Protection.

C. Removal.

D. Relocation.

E. Delays due to utility conflicts

F. Cooperation.

22.09 COOPERATION AND COMPLIANCE.

22.10 FORA'S ADDITIONAL TERMINATION RIGHTS.