

CONTRACTOR SHALL FURNISH MATERIALS, EQUIPMENT, SUPPLIES AND LABOR TO INSTALL NEW DOCK REPLACEMENT AT TVA BOAT RAMP, PICKWICK LANDING STATE PARK; 116 STATE PARK RD. PICKWICK DAM, TN 38365

**PROJECT TO BE COMPLETED WITHIN 45 CALENDAR DAYS AFTER RECEIVING PURCHASE ORDER AND NOTICE TO PROCEED.**

**CONTRACTOR SHALL KNOW AND IMPLEMENT CODES AND SAFETY REGULATIONS RELATED TO PROJECT.**

**IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO OBTAIN REQUIRED PERMITS AND PAY FEES SCHEDULE INSPECTIONS OR APPROVALS.**

### SCOPE OF WORK

- 1) Remove Existing Concrete Headwall
- 2) Replace with New 5' x 15' Concrete Abutment from Existing Sidewalk intersection
- 3) Provide and Install New 5" Piles with Meeco Sullivan Rollers
- 4) Top of Piles +422.00
- 5) Piles driven to 8' minimum depth or refusal
- 6) Provide and Install New Meeco Sullivan Aluminum Dock System with 4' x 40' New Aluminum Gangway

#### Qualifications:

1. Provide Temporary Construction Barriers and Signage, as needed
2. Provide protection of Existing surfaces at work area, as needed
3. Work week to occur Monday thru Friday 7am thru 3:30pm, but no later than 6pm, or at the discretion of the Site team
4. All applicable taxes and standard required insurance which includes the USLH Maritime Coverage. This is the coverage under the Longshoremen and Harbor Worker's Compensation Act
5. Provide 1-year Contractor's Warranty from Completion
6. Replacement with New genuine Meeco Sullivan or equal too items with:
  - a. Two Year Manufacturer's Material Limited Warranty
  - b. Five Year Manufacturer's Concrete Decking Material Limited Warranty
  - c. Ten Year Manufacturer's Flotation Limited Warranty

#### Description of Replacement Dock Design

6' x 52' mainwalk

(3) 4' x 24' open fingers

4' x 6' gangway landing with wood decking and gangway roller plate

4' x 40' ADA gangway with aluminum decking

Pile Anchorage — (4) total new piles

## Description of Materials

### **Galvanized Steel Frames**

12" Deep galvanized steel frame — proven, strong, low maintenance

Unique box truss frame design — creates 100% full load transfer

Main structural frame members shall be a minimum of 2" x 2" x 3/16" angle — superior system performance.

Bolted connection in horizontal plane — added strength for vertical/wave movement

### **Concrete Decking**

Exposed rock aggregate finish — attractive

Internal reinforcement — added strength, added safety

28 Day strength of 4000 PSI — exceeds industry standards

2' x 2' x 1 1/2" and 2' x 3' x 1 1/2" Thick removable panels — ready access to utilities

Decking shall be installed with 1/8" x 1/2" tape caulking between the support member and concrete panel.

After installation the height variation between panels shall not exceed 0.25 " in accordance to Federal Register Vol. 56, No. 144 figure 7.

### **Polyethylene Floats**

Shell: Roto—molded polyethylene, resistant to marine life and petroleum

Core: Expanded polystyrene block is molded inside the shell.

Shell thickness shall be .150 inches ARM STD +/-20%.

Firmly bolted to the frame

App. 20"-24" freeboard

### **Pile Anchorage System**

Pile guides supplied by Meeco Sullivan, LLC

New 5" Piles

### **Bumpering/Fendering**

Single row 2" x 6" treated Southern Yellow Pine sidewood on perimeter

Black #5001 vinyl bumper on perimeter attached with stainless steel staples

Black 6" corner bumpers

### **Mooring Devices**

10" Aluminum side mount cleats

### **Gangway**

4'X 40' ADA gangway with aluminum decking

Exclusions:

1. Remove and Dispose Existing damaged Dock, Gangway Bridge and Piling was performed and completed 6/3/2020 under separate works
2. Permit not required/included
3. Bond not required/included
4. Engineered Stamped Drawings
5. Overtime/ Weekends/ Holidays
6. Structural/ Electrical/ Plumbing/ Low Voltage
7. Decking Repair or Replacement
8. Relocation of services: Lighting, Water, Low Voltage, CCTV, Fuel Pumps and Power Pedestals, etc.

CONTRACTOR SHALL FIELD VERIFY TO PERSONAL SATISFACTION, SCOPE OF WORK, ACCESS, TOOLS, EQUIPMENT AND SKILL LEVEL NEEDED FOR IMPLEMENTATION OF PROJECT.

CONTRACTOR SHALL REPAIR AT NO COST TO AGENCY DAMAGE CAUSED BY CONSTRUCTION OR CONTRACTORS ACTIVITIES. REPAIRS SHALL BE COMPATABLE WITH ADJACENT AREA'S MATERIALS AND WORKMANSHIP.

CONTRACTOR SHALL COMPLY WITH LATEST EDITION OF LOCAL, STATE AND FEDERAL CODES, TRADE STANDARDS, REGULATIONS, SPECIFICATIONS AND AGENCY'S APPROVAL.

CONTRACTOR SHALL ATTEND AN ON SITE PRECONSTRUCTION CONFERENCE, PROGRESS MEETINGS AND FINAL INSPECTION, CONTACT: REID MULLINS, 731-968-6608 FOR DATE AND TIME OF MEETINGS.

CONTRACTOR SHALL MAINTAIN A CLEAN SAFE WORK SITE, REMOVE SCRAP AND UNUSED MATERIALS FROM STATE PROPERTY WHEN PROJECT IS COMPLETED LEAVING AREA IN A CLEAN CONDITION SUITABLE FOR INTENDED USE. A COPY OF SPECIFICATIONS SHALL BE ON SITE AND AVAILABLE WHEN WORK IS BEING PERFORMED.

CONTRACTOR SHALL WARRANTY MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE.

