

**Furnish and Installation of a New 4" Public Supply Well (100 FT. Deep Minimum)
Neighborhood Lakes Trailhead-26656 County Rd 46A, Sorrento, FL 32776**

1.01 SCOPE OF WORK: Provide all labor, materials, equipment, fuel and other incidental costs and supervision necessary for the installation of a new 4" Public Supply Well. All work and equipment shall be in strict compliance with the latest codes, standards, and practices. **The County will provide electrical service within Five (5) feet of the new 4" well. The well contractor is responsible for the final connections and start up. Turn- key by well contractor. Field verification by contractor is recommended. Contractor is responsible for obtaining all necessary building permits and Department of Health Well Construction Permit and pay all related costs/fees. Contractor must furnish and install a chlorination system.**

Misc. Items to be noted:

- 4" Well drilling 1st 100 FT minimum charge....._____
- 4" Casing per foot over 100 FT....._____ /FT
- 4" Drilling per foot over 100 FT....._____ /FT
- Goulds 7.5 HP Liquid End....._____
- 7.5 HP Franklin Sub. Pump Motor 3 Phase 460 V....._____
- ESP Starter Panel....._____
- 14/4 sub cable....._____
- 2" Galvanized Drop pipe....._____
- 2" Well head fittings....._____
- Waterproof Splicing Kit....._____
- PC 122FR or WR120plusChallenger Tank....._____
- Tank Pad....._____
- 2 cycle Stop Valve....._____
- Pulling Pump Charge for Installation (1st hour)....._____
- Pulling Pump Charge per Hour (over 1st hour)_____
- Lake County Well Construction Permit....._____
- Public Supply Well Grouting and Platform....._____
- Furnish and install Chlorination system....._____

1.02 SUBMITTALS:

- A. Submit product data/specification and shop drawings to the Office of Park and Trails for review and approval of all items of work.
- B. All submittals to be approved by the Office of Parks & Trails prior to contractor delivering materials to site

1.03 FIELD CONDITIONS: Verify and coordinate all work to field locations and dimensions. Contractor is responsible for the installation of temporary

construction fencing and signage to safely enclose the work area along with silt fencing the entire perimeter of work site.

1.04 PRODUCT HANDLING:

- A. Deliver products to site in manufacturer's containers or packaging.
- B. Store in secure and weather protected area.
- C. Return all damaged products to manufacturer.

PART II – PRODUCTS

2.01 MATERIALS: Provide products as specified herein.
See furnishing schedule and descriptions on drawings for specific products and Manufacturer's specs.

PART III – EXECUTION

3.01 WORKMANSHIP:

- A. All furnishings described herein shall be installed by qualified tradesman. All installation work and materials to be per manufacturer's specifications, or as directed by the Owner's Representative.
- B. All products shall be inspected by the County for damage and chipped or marred finish. Contractor shall replace any damaged or rejected products at no additional cost to the owner. The owner's representative may at his option authorize acceptance of chipped or scratched painted surfaces repaired by contractor at his own risk.

3.3 GUARANTEES

- A. The contractor shall furnish warranties in writing certifying that the quality and workmanship of all materials and installation furnished is in accordance with these specifications and in accordance with the original manufacturers' warranties. The contractor shall warrant the installation workmanship for a period of one year from the date of final acceptance of the job, or any accepted portion of the job.

3.4 CLEANING

- A. Perform cleaning during installation of the work and upon completion of the work. Remove from site all excess materials, soil, debris, and equipment.