

**Special Condition No. 01**

This special condition is to relocate existing water meters, meter boxes and install customer water main piping and fittings. This item shall include but not be limited to furnishing and installing the materials and services noted in this special condition and in accordance with the contract documents providing the following:

- A. Coordinate with customers for locating the existing water service meter, meter box and water main piping, coordinate with customers to delineate the location where the water service meter, meter box and customer water main piping will be located. Connect new customer water main piping to relocated water service meter and meter box.
  
- B. Provide the following items including but not limited to trenching, dewatering, trench protection, sheeting and shoring, erosion control, customer water main piping and fittings (diameter to match water service line diameter), restoration of sod and landscaping and all other requirements for a complete and operable system.

Measurement will be the actual quantity of each unit of relocate existing water meter, meter box and install customer water main piping and fittings installed and accepted.

Payment for this item will be on a per-unit basis and shall include furnishing all material, labor, tools, equipment, and all incidental and related work to provide the item complete and in service.

**Special Condition No. 02**

This special condition is to provide temporary water mains. This item shall include but not be limited to furnishing and installing the materials and services noted in this special condition and in accordance with the contract documents providing the following:

Construct, pressure test, and disinfect temporary 2-inch water main and transfer water service lines to temporary 2-inch water main as required to maintain customer water service.

The contractor shall coordinate with JEA for the disinfection and clearance of the temporary water main in accordance to JEA and Florida Department of Environmental Protection (FDEP) specifications and requirements.

The temporary line's horizontal and vertical locations shall be selected by the Contractor as required to accommodate the installation of the new water main and/or other facilities as necessary.

After the new water main is constructed and cleared for service, the Contractor shall transfer water service lines from the temporary water main to the new water main.

The Contractor shall prepare and submit for approval by JEA a phasing plan for the water main replacement indicating how the contractor plans to maintain customer water service during construction of new water mains. The Contractor shall locate all existing water service lines as part of the phasing plan.

The Contractor shall complete all water main construction, testing, disinfection and obtain passing bacteriological samples for each section before beginning construction on the next section.

The Contractor shall coordinate with JEA for temporary service outages including, but not limited to:

Issuing notices for service outages

Boil water notices

Others as may be required

Measurement will be based upon a JEA approved pro-rata amount of the lump-sum amount for Temporary Water Mains installed and accepted.

Payment for this item will be on a lump-sum basis and shall include furnishing all material, labor, tools, equipment, and all incidental and related work to provide the item complete and in service.

**Special Condition No. 03**

This special condition is to install a 2' x 2' x 6" Concrete Slab. This item shall include but not be limited to furnishing and installing the materials and services noted in this special condition and in accordance with the contract documents providing the following:

- A. Coordinate with JEA to identify the areas where the 2' x 2' x 6" concrete slab will be required for protection of water mains, water service lines and sewer lateral piping.
- B. Provide the following items including but not limited to verification of the depth of soil cover at water mains, water service lines and sewer lateral piping, suitable backfill, compaction, 2' x 2' x 6" concrete slab, trenching, dewatering, trench protection, sheeting and shoring, erosion control, grading to match top elevations of 2' x 2' x 6" concrete slab and all other requirements for a complete and operable system.

Measurement will be the actual quantity of each unit of a 2' x 2' x 6" Concrete Slab installed and accepted.

Payment for this item will be on a per-unit basis and shall include furnishing all material, labor, tools, equipment, and all incidental and related work to provide the item complete and in service.

**Special Condition No. 04**

This special condition is for Swale Restoration. This item shall include but not be limited to furnishing and installing the materials and services noted in this special condition and in accordance with the contract documents providing the following:

- A. Coordinate with JEA to identify and document the existing swales and/or existing and proposed culvert elevations.
- B. Provide the following items including but not limited to verification of existing swale elevations and/or existing and proposed culvert elevations, the depth of soil cover at water mains, water service lines and sewer lateral piping, grading to maintain flowlines of existing swales and/or existing and proposed culvert elevations, dewatering, trench protection, erosion control and all other requirements for a complete and operable system.

Measurement will be the actual quantity of each linear-foot unit of Swale Restoration installed and accepted.

Payment for this item will be on a per linear-foot-unit basis and shall include furnishing all material, labor, tools, equipment, and all incidental and related work to provide the item complete and in service.

**Special Condition No. 05**

This special condition is for Right of Way Landscape Restoration. This item shall include but not be limited to furnishing and installing the materials and services noted in this special condition and in accordance with the contract documents providing the following:

- A. Prior to initiation of construction coordinate with JEA to identify and document existing right of way landscape features to remain and be protected and those that will require restoration.
- B. Provide the following items including but not limited to removal, storage and protection of landscaping features to be replaced to original locations and conditions after completion of construction, furnish and install replacement landscape features to JEA approved locations and conditions, replacement landscape features shall be of equal appearance and value as existing landscape features, and all other requirements for a complete and operable system.

Measurement will be based upon a JEA approved pro-rata amount of the lump-sum amount for Right of Way Landscape Restoration installed and accepted.

Payment for this item will be on a lump-sum basis and shall include furnishing all material, labor, tools, equipment, and all incidental and related work to provide the item complete and in service.

### Condition No. 06

This special condition is for Sewer Hook-up with Septic Tank Abandonment. This item shall include but not be limited to furnishing and installing the materials and services noted in this special condition and in accordance with the contract documents providing the following:

1. The septic tank properly abandoned after the parcel is connected to the sewer collection system.
2. The appropriate diameter sewer yard piping service line extended from the R/W line to the dwelling unit and/or commercial structure cleanout and/or designated point on the on-site sewage disposal pipe installed in accordance with the Florida Building Code to allow connection of all existing plumbing lines (i.e., blackwater, greywater, etc.) that extend from the dwelling unit and/or commercial structure.
3. The dwelling unit and/or commercial structure disconnected from the existing on-site sewage disposal system and connected to the new central sewer collection system.
4. All excavation and backfill.
5. Acquiring septic tank abandonment permit from health department in accordance with Chapter 64E-6.011, F.A.C. and City of Jacksonville Building Permit.
6. Locating, pumping out and properly disposing of the contents of the septic tank.
7. Punching/drilling a hole in bottom of septic tank and filling tank void completely with clean sand.
8. Restoring the property following completion of work (including but not limited to sodding and restoration to any damaged signage, lighting, sidewalks, fencing, landscaping, driveways, roadway, and/or irrigation systems).
9. Protecting and preserving all trees, palms, shrubs, irrigation systems, landscaping, signs etc. along the route of the proposed work including hand

digging, removal and storage of such and subsequent replacement to the fullest extent possible of the pre-existing condition.

10. Locating and avoiding existing utilities.
11. Coordinating with the property owner and JEA related to the proposed sewer yard piping service line routing.
12. Identifying all plumbing extensions to existing on-site sewage disposal system(s) including but not limited to 'blackwater' and/or 'greywater' discharge pipeline(s).
13. Installing all sewer yard piping at 1.0% minimum slope with necessary fittings/bends and/or cleanouts required by the Florida Building Code to collect all existing plumbing extensions.
14. Connecting all plumbing with necessary fittings, couplings, and/or cleanouts (i.e., 'blackwater' and/or 'greywater' discharge pipeline(s)) to new sewer lateral at right of way line as required by the Florida Building Code.
15. Certifying completion of septic-tank abandonment activities by a licensed Contractor in accordance with Chapter 64E-6, Florida Administrative Code.

Measurement will be the actual quantity of each unit of a Sewer Hook-up with Septic Tank Abandonment installed and accepted.

Payment for this item will be on a per-unit basis and shall include furnishing all material, labor, tools, equipment, and all incidental and related work to provide the item complete and in service.

### **Special Condition No. 07**

This special condition is for Grinder Pump Station-Complete Installation to Sewer Lateral Connection. This item shall include but not be limited to furnishing and installing the materials and services noted in this special condition and in accordance with the contract documents providing the following:

- A. Coordinate with JEA and homeowner to identify the location and layout for the low pressure grinder pump station, route of 1.25-inch DR-11 HDPE force main and route for 4-inch DR-26 PVC sewer yard piping.
- B. Provide the following items including but not limited to Low Pressure connection to sewer lateral at right of way line, 4-inch PVC cleanout with 1.25-inch adapter, 6-inch x 4-inch fernco adapter, horizontal directional drilling of 1.25-inch DR-11 HDPE force main, 1.25-inch DR-11 HDPE piping and fittings, connect 1.25-inch DR-11 HDPE force main to Low Pressure Grinder Pump Station, Low Pressure Grinder Pump Station shall be E-ONE, model WH101-74 (or approved equal), electrical connection to homeowner's electrical panel, electrical wiring, conduit, fittings, controls, enclosures, excavation, backfill, compaction, restoration, testing and certifications for Low Pressure Grinder Pump Station and force main, furnish and install 4-inch DR-26 PVC sewer yard piping in accordance with Special Condition No. 06- Sewer Hook-up with Septic Tank Abandonment, and all other requirements for a complete and operable system.

Measurement will be the actual quantity of each unit of a Grinder Pump Station - complete installation to sewer lateral connection installed and accepted.

Payment for this item will be on a per-unit basis and shall include furnishing all material, labor, tools, equipment, and all incidental and related work to provide the item complete and in service.



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**Special Condition No. 08**

This special condition is for the Contractor to provide a Construction Phasing Plan. This item shall include but not be limited to furnishing and installing the materials and services noted in this special condition and in accordance with the contract documents providing the following:

- A. The Contractor will provide a plan which will sub-divide the overall project site into reasonable sized sub-areas where the proposed improvements will be constructed, cleared for use and accepted by JEA before proceeding to the next sub-area. JEA anticipates a total of 3-4 sub-areas for the entire project, with the area around the lift station to be completed first to provide service to the subsequent areas upon completion. This Construction Phasing Plan will be submitted to JEA for review and approval prior to initiation of construction activities.

There is no separate payment for this item. Payment for this item is to be included in the General Conditions.