

## 4<sup>Th</sup> Avenue Undergrounding Scopes

### GENERAL (All Subcontractors)

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1. Each bidder, by making his/her bid, represents that he has read and understands all the contract documents and that he has visited the site and has familiarized himself/herself with the local conditions under which the Work is to be performed.
2. Subcontracts will be entered into only with responsible Subcontractors found to be satisfactory to the D.E. Scorpio Corporation (DESC), qualified by experience, and in a financial position to do the work specified. See payment and performance bond requirements.
3. Bidders shall promptly notify DESC of any ambiguity, inconsistency, or error they may discover upon examination of the Contract Documents or the local conditions
4. It is required that the Subcontractor include in his/her bid sufficient monies to maintain the project schedule, including, but not limited to, furnishing additional manpower and supervision, expediting materials, working overtime, and/or working double shifts as necessary to complete the project within the construction time at no additional cost to DESC or the Owner. The schedule is subject to change and does not guarantee project progress.
5. If any inconsistencies within the Contract Documents arise, the most stringent shall govern.
6. Unless otherwise noted, all bids should include labor, material, equipment, supervision, insurance, and taxes (including sales tax).
7. The following scopes of work have been prepared only to clarify items of responsibility and are not intended to be all-inclusive. Any and all scope items reasonably necessary for a complete installation of your trade must be included in your proposal.
8. All Subcontractors will include the following as it relates to their scope of work:
  - a. All hoisting, unloading, receiving, and proper storage of the materials.
  - b. Complete all engineering and layout required to accomplish the work from established axis lines, reference points, and bench marks which have been provided by others. Assistance in layout by DESC personnel and/or others does not relieve this sub trade of layout errors.
  - c. All scaffolding, hoisting, operators, fuel, and associated equipment necessary to properly perform the Work.
  - d. Compliance with project rules and regulations set forth by DESC and in accordance with OSHA regulations.
  - e. Cost of all trade permits, licenses, and fees.
  - f. Protection of the work of his/her trade and adjacent finishes. Subcontractor will be held accountable for damage caused as the result of his/her negligence.
9. A responsible supervisor must be on site at all times while his/her company is working. This supervisor must have the authority to make decisions regarding the subcontractor's resources.
10. DESC's Superintendent will conduct weekly jobsite meetings. A supervisor from each active trade shall attend.

11. Chemical toilets will be furnished and paid for by DESC.
12. DESC will furnish and pay for all dumpsters. Subcontractors will be required to haul their trash and debris to a centralized dumpster on a daily basis.
13. Each subcontractor will be required to clean up and broom sweep all areas at the end of each working day.
14. All material deliveries must be coordinated with the Superintendent. DESC will not accept or sign for a sub trades deliveries.
15. Build to and accommodate the permissible tolerances of work constructed by others.
16. Any damage done to another's work shall be repaired and restored to its original condition at the expense of the trade contractor who damages the work.

## Pricing Structure- Breakdown of Pricing Requirements

- Pricing must be broken out into three different segments:
  - Segment 1: GRU Pole 30063 (west of SW 10<sup>th</sup>) to 17173 (first pole east of SW 9<sup>th</sup> Street Extension)
  - Segment 2: GRU Pole 17173 to GRU Pole 26568 (pole east of Ingenuity parking lot entrance)
  - Segment 3: GRU Pole 26568 to GRU Pole 17759 (east of SW 6<sup>th</sup>, Across from WARPhaus)
- Pricing in each of the sections should indicate the cost of each type and length of conduits by service provider. This is necessary to allocate costs to GRU, GRUCom, AT&T and Cox. Cost for Joint trench should be indicated as a per linear foot price. All other costs (sidewalk, asphalt patch, etc) shall be indicated with a quantity and unit price.

## 26A Electrical / Communications Conduits

### Scope

- a. Provide and install all underground raceways and duct banks (Some materials provided by service providers, see below)
- b. All field engineering, layout and surveying.
- c. Exposure of all existing utilities to be done by hand excavation within 2' of expected location/ depth. All utilities must be verified by DESC Superintendent and recorded on As-builts drawings prior to demo or relocation.
- d. All excavation, backfill and compaction per specification and code requirements.
- e. Surface water control as specified and required to complete this scope of work.
- f. Dewatering and well pointing as required by code, OSHA and contract documents required to complete this scope of work.
- g. Electrical, data and communication raceway labeling and identification as specified and required.
- h. Subcontractor will be licensed and pay for trade permits.
- i. As-built drawings will be maintained on a daily basis and turned in prior to project completion. As-builts will be maintained at the jobsite and available for CM or Owner/AE review at any time.
- j. Include directional bore under SW 10<sup>th</sup> Street. At other crossings, (under SW 8<sup>th</sup> Ave, and under SW 4<sup>th</sup> Ave at SW 7<sup>th</sup> Street), plans indicate cross hatching as if to saw cut and patch. Price all of these crossings as alternates for open cuts and as directional bore.
- k. GRU Pull Boxes must be purchased by this trade from GRU.
- l. Cox Communications will provide all conduit and boxes needed for their raceway. Only labor for this raceway is included.
- m. GRUCom will provide vaults for installation by this trade.
- n. Removal of abandoned poles is by GRU.
- o. Conduit is included in the joint trench on the south side of SW 4<sup>th</sup> Ave.
  - a. Alternate # 1- Provide a price to install wire, light pole bases and light poles on the south side of SW 4<sup>th</sup> Avenue.
  - b. Aternate # 2- Provide a price to directional bore the 1.5" conduit under SW 4<sup>th</sup> Ave and install conduits, wire, light pole bases and light poles along the north side of SW 4<sup>th</sup> Ave.

## 31A Earthwork

### Scope

#### 1.1 Earthwork

- a. Demo and removal of all exterior site concrete, paving, fencing as required for installation of new underground conduits.
- b. Clearing and grubbing existing trees and vegetation. On-site burning is not permitted. Provide unit prices for any required haul off in the bid.
- c. Include an alternate price for removal of the tree in front of the Gainesville Dojo, located right at section cut E-E.
- d. As-Built to be maintained on a daily basis, located at the jobsite, and available for review by DESC or Owner personnel at any time.
- e. Subcontractor shall be responsible to secure and pay for any/all permits and approvals for hauling routes or stock piling of materials. Subcontractor will be responsible for any flagging requirements.
- f. Finish grading and compaction for paved, hardscaped, landscaped areas and building pads. All soils to be compacted to specified densities.
- g. All excess fill material, spoils, excavation material, and recycled material to be removed from site by site contractor. This includes responsibility for dumpster, haul off, dump charges, and recycling containers.

#### 1.2 Paving and Base, Concrete Paving

- a. Saw cut and remove paving for conduit work across SW 6th Ave.
- b. Lime rock base including compaction and finishing.
- c. Asphalt paving, prime and tack coats.
- d. Repair/ replace all pavement markings, stripping, arrows, lane markers, crosswalks, symbols and wheel chair symbols as shown and required by FDOT standards.
- e. All sidewalk access ramps, handicap access ramps, and truncated dome pavers required to be replaced as part of this project are the responsibility of this trade. Unless noted on plans, assume replacement to be the same configuration as existing.

- f. Traffic control is included. Maintenance of traffic plan to be approved prior to the start of work by FDOT, DESC and other required regulatory agencies.
- g. All road work must be coordinated and inspected by appropriate state and local agencies. Subcontractor is responsible for this coordination and for the acceptance of the roadwork by these agencies.