

# 2016 TREE PURCHASE & PLANTING PROGRAM DETAILED SPECIFICATIONS

## GENERAL PROVISIONS

### 1. SCOPE OF WORK

The Contractor shall furnish all labor, supervision, materials, tools, equipment, machinery and whatever else is necessary and proper for performing and completing the work in accordance with these specifications. The Contractor shall be responsible for the daily cleaning up of the job site and he shall repair or restore all property that may be damaged during performance of the work.

### 2. LOCATION

The proposed work involves planting trees located at various locations on public property wholly within the corporate limits of the City of Sidney, Ohio. This includes, but is not limited to, the following areas:

- a) Rights-of-way along streets to include tree lawns between sidewalk and street and the right-of-way between sidewalk and private property line. Prospective bidders shall be responsible for familiarizing themselves with street right-of-way throughout the City.
- b) Other public lands and property.

### 3. CONTRACT TERM

The contract term shall be from **September 30, 2016** thru **April 30, 2017**.

### 4. PERIODIC INSPECTION

The Contractor shall notify the office of the Street Manager or his/her designee on the morning of any workday giving the location of that day's work. The Contractor shall, at all times, have a competent person in charge of the job to whom the City's representative may issue directives. A representative from the City will periodically inspect the work and will be available should any problems arise.

### 5. BARRICADES AND WARNING DEVICES

The Contractor shall erect barricades to protect his work at all points deemed necessary. The Contractor shall place at such points the necessary warning signs and other suitable devices to protect the work properly and to provide for the conveniences and safety of the public at all times.

**No streets shall be blocked off unless permission is first received from the Street Manager.**

### 6. TERMINATION OF CONTRACT

The City reserves the right to terminate the contract solely at its own discretion, with 48 hours written notice, if the work is not proceeding at a satisfactory rate of progress or at a standard satisfactory to the City of Sidney.

## DETAILED SPECIFICATIONS

### TECHNICAL PROVISIONS

#### 1. PURCHASE AND PLANTING OF TREES

Trees to be purchased and planted with the following as guidelines:

All plant material shall comply with the American Standard for Nursery Stock ANZI Z60.1-2004.

All trees shall be labeled denoting species and cultivar.

Minimum caliper of 2 inches or as specified for each separate species.

If not readily apparent, locate the root flare by removing twine, burlap and excess soil. Dig tree hole at least two times wider than the tree root ball, with sides sloping to an unexcavated or firm base. Dig hole to a depth so the located root flare will be at finish grade.

**The burlap and any twine shall be removed from the tree ball. The burlap and twine shall be cut off and discarded out of the planting space.**

**The wire basket shall be removed from the root ball. The wire shall be cut off and discarded out of the planting space.**

After planting pack soil firmly, but not tightly around the root ball using the existing soil and thoroughly water.

All trees are to be staked.

Each tree shall be mulched with organic mulch provided by the tree nursery. Organic mulches include wood chips and hardwood and softwood bark. Keep mulch away from the trunk of tree 3 to 4 inches. Spread mulch to a diameter of at least 3 ft. from tree. Depth of mulch shall be 3 to 4 inches

#### 2. LOCATION

A list of the planting sites will be given. Each planting site will be clearly marked with paint and/or wooden stake.

#### 3. COMPLETION

The planting must be complete by April 30th, 2017. The City may grant an extension to the date if weather conditions are not adequate to plant the trees.

**4. CITY ORDINANCES**

Trees need to be 25 ft. away from any other street corner, measured from the point of the nearest intersecting curb or curb line.

Trees will need to be at least 10 ft. away from any fire hydrant.

Trees need to be 10 lateral feet away from any overhead utility wire, and within 10 lateral feet of any underground waterline, sewer line, transmission line or other utilities.

**5. CLEAN-UP**

The Contractor shall pick up by means of sweeping all debris from the site immediately following the planting of the tree. In no case shall debris be permitted to lie on the parkway over the weekend and if such conditions occur, City crews will be assigned to remove the debris and all costs including equipment, labor at overtime rate and overhead will be deducted from any monies due the Contractor.

**6. DAMAGE TO PRIVATE OR PUBLIC PROPERTY**

The Contractor shall repair any damage of private or public property as the result of the Contractor's operation immediately. Should the repair work not be instituted soon enough or satisfactorily in the opinion of the Public Works Director or his designated representative, the City reserves the right to make the necessary repairs and deduct these costs from any monies due the Contractor.

**7. GUARANTEE**

Trees are to be guaranteed until May 30, 2018. The City will inspect the plantings in May 2018. At that time, the guarantee will be evaluated.

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NOT FOR BID SUBMITTAL