

SCOPE OF WORK

INTENT

The purpose of this specification is to establish an annual requirements contract for the supply of various fill materials for City-Wide use. **Fuel Surcharges are not allowed. All delivery fees must be added into the unit prices on delivered items only.**

MATERIAL SPECIFICATIONS

1. ¾" WASHED CONCRETE ROCK - The ¾" Washed Concrete Rock is utilized as a coarse aggregate material for hydraulic cement concrete for the repair of water and sewer lines, inlets, manholes, curb, gutter, sidewalks and driveways. The material shall be crushed stone and sized ASTM C 33 #67 (90-100% pass through a ¾" sieve) in accordance with 421.2.E.1: "*Hydraulic Cement Concrete – Coarse Aggregate*" of the Texas Department of Transportation Standard Specifications for Construction and Maintenance of Highways, Streets, and Bridges. The material is to be washed and free of frozen material and from injurious amounts of salt, alkali, vegetable matter, or other objectionable material, either free or as an adherent coating. The coarse aggregate shall be of uniform quality throughout.
2. BRICK SAND- The majority of the brick sand will be used by the Parks and Recreation Department at various golf courses throughout the City. The material is to be of fine grade, high quality and free of all foreign substances including rock, gravel, sand stones and debris. Moisture content is to be minimal.
3. TOP SOIL (Screened 3/8") -Top soil is to be first quality, top grade sandy loam with minimal amounts of clay. Material is to be 3/8" screened and contain no rock, grass or debris. The material is utilized on yards damaged while repairing water and sewer lines and must be premium quality. This material is also utilized by the Parks and Recreation Department for topdressing of sports fields. **Note: It is highly recommended that bidders visit one of the service areas and inspect the material stockpiled.**
4. 1-1/2" RIVER ROCK - 1-1/2" rock is utilized as a cushion/support material for water and sewer line replacements. The material is to be round-edged river rock with consistent size (MINIMUM 3/8"; maximum 1-1/2"). Materials with pointed or sharp edges will be refused. The material is to be washed and free of debris.
5. ATHLETIC FIELD CLAY - The red clay delivered under this specification shall be free of all rock, gravel and debris and contain a minimal amount of sand and NO sand stones. The clay will be utilized at various baseball/softball fields throughout the City and must be compactable.
6. 3/8" PEA GRAVEL - The 3/8" pea gravel shall be washed and free of dirt and debris.
7. 8"-12" ROCK - 8"-12" crushed limestone rock to be used by the Street Division for draining projects. The material is utilized for fill of the Gabeon boxes.
8. WASHED CONCRETE SAND (FINE AGGREGATE) - Fine aggregate shall consist of clean, hard, durable, and uncoated particles of **natural** sand with or without a mineral fiber. Fine aggregate

shall be free of injurious amounts of slats, alkali, vegetable matter, or other objectionable material and shall contain no more than 0.5 percent clay by weight. Fine aggregate which meets *Item 421.2.E.4: "Hydraulic Cement Concrete – Fine Aggregate" of the Texas Department of Transportation Standard Specifications for Construction and Maintenance of Highways, Streets, and Bridges* shall be considered acceptable.

9. PROCESSED (SCREENED) CUSHION SAND - Processed 3/8" screened sand is utilized in the construction and repair of water and sewer lines. The material is to be of high quality and be consistent with industry standard for the material and the intended use. Screened sand must not contain rock, gravel, clay, sand stones or other debris.
10. SELECT FILL - Backfill that is native or imported material. The plasticity index shall be between 15-30 when tested in accordance with ASTM D4318. Material shall be of such characteristics that it shall stabilize without the use of lime or other additives and form an acceptable subgrade material. The material must be compacted to a minimum of 95% density at +/- 2% optimum moisture content as determined by ASTM D 698.
11. HAUL BACK WITH DELIVERY - This line is for the haul back of material previously excavated by Arlington Water Utilities, commonly known as spoil material and is located at various facilities. When a delivery is made, an AWU representative will load the delivery truck for haul off.
12. HAUL BACK WITHOUT DELIVERY - This line is for the haul back of material previously excavated by Arlington Water Utilities, commonly known as spoil material and is located at various facilities. An AWU representative will contact the winning bidder for haul off and an empty truck will be sent. An AWU representative will load the empty truck for haul off of the spoil material

SHIPMENT REJECTION

Shipments will be rejected should any delivered material not meet industry standards and the requirements of the City. It will be the responsibility of the vendor to remove any unsuitable materials and replace with quality materials, at no additional cost to the City.

DELIVERY

Material can be delivered to multiple locations within the City; to include the South Service Center, 1100 SW Green Oaks Boulevard, Arlington 76017 and the North Service Center, 200 N. Cooper, Arlington 76011. *The exact location for each delivery will be specified at the time of order.* The City will make every attempt to place only full truckload orders. A delivery ticket showing date and location of delivery must be submitted with the invoice. Delivery ticket must show the Purchase Order number provided at the time of order. Deliveries will take place between 7:30 a.m. and 3:30 p.m., Monday through Friday, and must be signed for by authorized City personnel.

PRODUCT INSPECTION

Vendors are encouraged to visit the city stockpile at 1100 SW Green Oaks Boulevard to inspect the materials currently being used by the city. The material currently in use is the quality and type of material desired and expected under these specifications.

LEGAL REQUIREMENTS

All transport vehicles must be operated in a legal manner and must conform to all **Ordinances Governing Traffic and Motor Vehicles in the City of Arlington, Texas**, Traffic Chapter. In addition,

vendors must comply with all state regulations including but not limited to Vernon's Texas civil Statutes Motor Carrier Act.

A synopsis of the requirements follows. However, it is not the intent or meaning to imply that these are the only requirements:

- A. Excerpt from City of Arlington Traffic Ordinances: *"No motor vehicle or combination of vehicles shall be operated or caused or permitted to be operated having a weight in excess of any one or more of the following limitations:*
1. *In no event shall the total gross weight, with load, or any vehicle or combination of vehicles, exceed eighty thousand pounds (80,000 lbs.).*
 2. *No axle shall carry a load in excess of twenty thousand pounds (20,000 lbs.). An axle load shall be defined as the total load transmitted to the road by all wheels whose centers may be included between two (2) parallel transverse vertical planes forty inches (40") apart, extending across the full width of the vehicle.*
 3. *The total gross weight concentrated on the highway surface from any tandem-axle group shall not exceed thirty-four thousand pounds (34,000 lbs.) for each such tandem-axle group. 'Tandem-axle' is defined as to be two (2) or more axles spaced forty inches (40") or more apart from center to center having at least one (1) common point of weight suspension."*