

## SECTION IV – SCOPE OF SERVICES / TECHNICAL SPECIFICATIONS

The City of Pearland is accepting bids from responsible and qualified vendors to perform Road Striping Services, on an as needed basis.

The following requirements and specifications shall be in addition to the other requirements contained herein and shall supersede the other requirements where applicable.

SILENCE OF SPECIFICATIONS: The apparent silence of these specifications as to any detail or to the apparent omission from it of a detailed description concerning any point, shall be regarded as meaning that only the best commercial practices are to prevail. All interpretations of these specifications shall be made on the basis of this statement.

### 1.0 GENERAL/REQUIREMENTS

- 1.1 The awarded bidder will provide: all labor, equipment and materials needed to provide Road Striping Services.
- 1.2 While the City recognizes overhead costs and will strive to work with awarded bidder to maximize service calls, there shall be no minimum service requirements of any kind.
- 1.3 All materials shall be provided at the awarded bidder's expense. Vendor shall maintain price verification records for City review, upon request, for audit purposes on materials and parts invoices.
- 1.4 Each project shall be invoiced separately, with an authorized purchase order number. No invoice will be paid without an authorized purchase order number.
- 1.5 Vendor will follow all OSHA, local, state and federal safety policies and codes.
- 1.6 Equip all work vehicles within 30 feet of the traveled way with a functioning amber strobe light or rotating beacon visible from all directions.
- 1.7 Actual travel time to and from the job work location is not reimbursable under the purchase order. Vendor shall include travel cost in the unit cost listed in the Line Items.
- 1.8 All tools and equipment necessary to perform specified work shall be provided by the Vendor.
- 1.9 Vendor shall maintain a staffed office for the processing of work orders and specific job related information during normal working hours, 7:30 A.M. to 5:00 P.M., five (5) days a week.
- 1.10 Upon City's notification to Vendor of work assignment, Vendor shall confirm and schedule work within two (2) business days of initial notification. Completion of work assignment should occur within ten (10) business days of initial notification of said work assignment.
- 1.11 Vendor shall clean all areas of scrap materials, dirt, dust and debris generated in performance of

the service at the time the service is provided.

- 1.12 Vendor shall take necessary steps to complete work with minimal interference of traffic and citizens around the work areas.
- 1.13 Access shall be made for entrances and exists for residences and businesses during assigned work.
- 1.14 Vendor shall furnish to the City a one (1) year maintenance guarantee.
- 1.15 The City reserves the right to use other Vendors when it is deemed to be in its best interest to do so, as in the following examples:
  - 1.15.1 Service and/or quality is not acceptable (does not meet specifications);
  - 1.15.2 Service is not available on the day it is needed, or within specified requirements;
  - 1.15.3 Awarded bidder fails to respond to work order request, i.e. does not return phone calls in a timely manner;
- 1.16 Contractor must perform background (on the State level) and criminal history check. Provide a letter stating that all employees subject to working on City property have had background checks performed and meet the requested requirements. Ensure that no employee assigned to work at a City facility has been convicted of:
  - 1.16.1 A felony or any offense that designates the individual as a sex offender.
  - 1.16.2 Found to have any conviction relating to theft, identity fraud, or vandalism.
- 1.17 Contractor is expected to perform all work in a competent and professional manner. Any damage to public or private property, either direct or indirect, resulting from the Contractor, or their employees must be repaired fully and completely at the cost to the Contractor, including work, materials, and any litigation fees that may be incurred to recover the cost of such damages not repaired or not repaired in a workmanlike manner.
- 1.18 City reserves the right to request different worker if it deems any worker's quality of work to be poor or if issues with attendance or behavior (discourteous, belligerent, unsafe, etc.) arise. City's request will be submitted in writing stating reasons.
- 1.19 Risk: The work under this contract in every respect shall be at the risk of the Contractor until finished and accepted.
- 1.20 Protection: The Contractor shall provide and maintain all protection required by the governing laws, regulations and ordinances. The Contractor shall be responsible for any loss or damage caused by him or his employee(s) to the property of City of Pearland or to the work or materials installed and make good any loss, damage, or injury without cost to City of Pearland.
- 1.21 Workmen's Safety: The Contractor shall meet all safety and health regulations required such as but not limited to, by the Occupational Safety and Health Administration, Department of Labor and all state regulations dealing with occupational safety.

## 2.0 MATERIALS AND APPLICATION

- 2.1 It is preferred that locally available materials are used, which exhibit a satisfactory record of previous applications.

- 2.2 Vendor is responsible for the disposal of all waste (unused) materials. Any material that might have impact on the City, must have City approval prior to commencement of work.
- 2.3 Acrylic Latex: Sherwin Williams Setfast TM-2106, TM2159 to be used only on freshly seal coated asphalt surfaces.
- 2.4 Chloronated Rubber: Sherwin Williams Set fast TM-5126, TM-5129 to be used on all pavement surfaces except freshly seal coated areas.
- 2.5 DMS-8220, Hot Applied Thermoplastic
  - 2.5.1 Surface Preparation:

Cleaning for new asphalt surfaces and retracing of all surfaces. For new asphalt surfaces (less than three years old) and retracing of all surfaces, air blast or broom the pavement surface to remove loose material.

Cleaning of old asphalt and concrete surfaces (excludes retracing). For old asphalt surfaces (more than three years old) and all concrete surfaces, eliminate existing pavement markings, flail milling or blast cleaning. Air blast after removal process in order to remove all contamination.
  - 2.5.2 Sealer of Type I Markings

For all asphalt surfaces more than three years old or for concrete, apply a pavement sealer before placing Type I markings. The pavement sealer may be a Type II marking material or an acrylic sealer. Follow the manufacturer's directions for application. Place the sealer in the same configuration and color (unless clear) as the Type I markings.
  - 2.5.3 Application

Apply all markings during good weather conditions. Place markings after sealer cures. Apply within the temperature limits recommended by the material manufacturer. Apply on clean dry pavements passing a moisture test. Apply markings with a minimum thickness of 100 MILs. The maximum thickness for type I markings is 180 MILs. Bead coverage shall provide a uniform distribution of beads across the surface of the stripe, with 40 to 60% bead embedment
- 2.6 Cleaning: sweep, blow and/or broom all areas to eliminate all dirt, dust and foreign materials.
- 2.7 Striping: Apply material with an airless striping machine to produce uniform straight edges.
- 2.8 Rate: Equipment must achieve a uniform wet film thickness of 15 mils.

### 3.0 JOB CONDITIONS

- 3.1 Weather: Do not apply material when the ambient temperature has been below 35 degrees for 12 hours. Atmospheric temperature must be above 40 degrees. Do not apply material when rain is eminent or surface is wet.
- 3.2 Seal Coated Areas: Freshly seal coated areas must be in place for a minimum of 24 hours prior to applying striping materials.

#### 4.0 CONSTRUCTION CONTROL

- 4.1 Access Signing: Vendor shall provide UTC traffic and safety signing subject to approval by the City. All detours shall be limited to the absolute minimum and shall be subject to approval by the City.
- 4.2 Traffic Control must be present at each site. A traffic control plan must be presented and approved by the Public Works Department before work can begin. Traffic Control is governed by both the City of Pearland and TXDOT. Any site in violation of the plan or regulations will be subject to being shut down.

#### 5.0 EVALUATION FACTORS

Compliance with bid requirements and best value are factors which will be considered when evaluating bids. After receipt of bids, City of Pearland will use the following criteria in the selection process:

- 35 %** Quality and qualifications of bidder's materials and services; extent to which the goods or services meet the City's needs;
- 35 %** Pricing; Percent markup of materials/supplies;
- 20%** Reputation/Experience List /Past relationship with the City;
- 10%** Compliance to bid requirements.