

APPENDIX A
2015 ANNUAL SEALCOAT - GENERAL NOTES
REQUEST FOR COMPETITIVE SEALED PROPOSALS

RFCSP No: ES-02-15

1. TECHNICAL SPECIFICATIONS & MAPS

The following specifications and drawings are applicable to this project:

- Specifications and Details for Construction as adopted by the City Council of San Angelo on January 29, 2008 unless otherwise noted on the plans or within these contract documents.
- Texas Department of Transportation Standard Specifications for Construction and Maintenance of Highways, Streets, and Bridges adopted by the Texas Department of Transportation on June 1, 2004. Where duplicate specifications and or details exist, City of San Angelo Specifications and Details as adopted on January 29, 2008 shall govern.
- Copies of a complete set of City of San Angelo Standard Specifications and Details for Construction are available through the City of San Angelo Engineering Services Division for \$30.00 or the Standard Specifications and Details for Construction can be found on the Engineering Services Division website of the City of San Angelo at www.sanangelotexas.us. To request a copy, Contact Russell Pehl, Interim City Engineer at (325) 657-4206 or Russell.pehl@cosatx.us.

1.1. Maps

A set of maps reflecting the various areas being sealcoated within the city are attached for general reference.

2. GENERAL NOTES

The general notes listed herein are grouped by general category or work, but are applicable to all items of work for the entire project.

As referred to herein, the City refers to the City of San Angelo, the Engineer, and/or any of their designated representatives.

The total bid submitted shall be the total compensation provided to the contractor for the work to be performed in this contract. Any work provided for herein and not paid for directly shall be considered subsidiary to the various bid items of the contract and no direct payment shall be made.

The contractor shall be required to maintain all areas throughout the duration of the project. All required maintenance of the completed work shall be the contractor's responsibility and shall be considered a part of this contract and at the contractor's expense until final acceptance by the City.

The contractor shall submit in writing for approval the procedure to be used for handling public claims and complaints including the time frame in which the contractor will respond to complaints.

Prior to beginning work, the contractor shall supply a toll free number of the insurance company or contractor's person responsible for processing complaints and claims.

2.1. Contract Time, Prosecution, and Progress

The Sealcoat Season shall be from May 15, 2015 to August 31, 2015 to complete Paving Operations.

The contractor shall have from May 15, 2015 to September 30, 2015 to complete the Project. For each calendar day that any work remains incomplete after September 30, 2015, an amount of one thousand three hundred fifteen dollars and five cents (\$1315.05) per calendar day will be assessed the contractor and deducted from the monies due or to become due the contractor, not as a penalty, but as liquidated damages. Work on Sundays and the six legal holidays: January 1st, the last Monday in May, July 4th, the first Monday in September, the fourth Thursday in November and December 25th will not be permitted.

The contractor shall not conduct any operations or perform any work pertaining to the project before sunrise and thirty (30) minutes before sunset.

Do not apply asphalt later than one (1) hour before sunset unless otherwise approved.

The contractor shall notify the Engineer at least forty-eight (48) hours prior to commencement of work.

2.2. Measurement

Asphalt material will be measured at the applied temperature by strapping the tank before and after road application and determining the net volume in gallons from the distributor's calibrated strap stick. The quantity to be measured for payment will be the number of gallons used, as directed, in the accepted surface treatment.

Aggregate will be measured by the cubic yard in the trucks applied on the road. The Engineer may require loaded aggregate to be struck off for accurate measurement. Unless otherwise authorized, use trucks of uniform capacity to deliver the aggregate. Provide documentation showing measurements and calculation in cubic yards. Clearly mark the calibrated level.

2.3. Quantities

The contractor shall satisfy himself that all quantities of material and work, whether paid for directly or considered subsidiary to the work, are adequate for completion of the work prior to bid submittal. The contractor shall visit the site and become familiar with the location and the work to be performed under this contract. The contractor shall verify both the quantities of materials and work in the plans and in the bidding documents. Submittal of a bid shall be considered proof that the contractor has complied with this item and all items contained herein. Any discrepancies found in the construction plans and/or construction specifications shall be called to the attention of the Engineer prior to bid submittal.

The contractor shall perform a quantity calculation from the construction plans to verify those quantities are in agreement with those contained in the Bid Estimate. Quantity disagreement shall not be a basis for a dispute or claim before, during, or after construction.

2.4. Surface Treatments

All treatments must conform to TxDOT standards.

All surface treatments shall conform to TxDOT Item 316, "Surface Treatments."

Asphalts shall conform to TxDOT Item 300, "Asphalts, Oils, and Emulsions."

Aggregates shall conform to TxDOT Item 302, "Aggregate for Surface Treatments."

The contractor shall prepare work areas by removing all vegetation from the pavement surface, removing existing raised pavement markers, and any other debris on the pavement surface. The contractor shall sweep the pavement surface no sooner than 3 days before sealcoating to remove dirt, dust, or other deleterious matter. All material shall be removed from the site completely and shall not be placed, even temporarily, on curbs, yards, right-of-ways or other areas. This work will not be paid for directly, but shall be subsidiary to the various bid items of the contract. All materials removed from the project are the property of the contractor.

The contractor shall protect existing manholes and valve boxes by placing paper with aggregate and a temporary raised pavement marker to mark the location of the manhole or valve box for removal of paper after sealcoating operations. This work will not be paid for directly, but shall be subsidiary to the various bid items of the contract.

The contractor shall stockpile materials at the location shown on the plans or as approved by the Engineer. Locate stockpile site a minimum of 30 feet from the roadway unless otherwise authorized. Place stockpiles in a manner that will not interfere with traffic or sight distance. Keep stockpile clear of debris and vegetative growth. The contractor shall remove any remaining aggregate from stockpile locations within 30 days of final acceptance of the project. Any aggregate left past 30 days will become City property.

The asphalt rate will vary between 0.32 - 0.38 GAL/SY, with a rock rate of 110 SY/CY but may vary as directed by the Engineer.

Furnish aggregate from the same source unless otherwise approved.

All locations are a single course application unless otherwise noted.

Paper or other approved material shall be used to prevent overlapping of traverse joints.

The contractor shall maintain the surface until the work is accepted by the City. Lack of uniformity, such as spots where coverage is not complete, shall be corrected by hand spotting or other approved method. All fat or bleeding surfaces shall be covered with approved material in such a manner that the asphaltic material will not adhere to or be picked up by the tires of vehicles. Upon notification, the contractor shall make repairs within 10 days. These repairs include, but are not limited to patches and repair of bleeding areas. If these corrections are not completed in that time, all other work will cease, but time charges will continue as directed.

2.5. Street Sweeping

The contractor shall sweep paved areas one week and again one month after paving. The contractor shall remove excess or loose aggregate from paved areas, driveways, and sidewalks acceptable to the Engineer. Street sweeping operations shall not in any way adversely affect the finished paved surface and will not be paid for directly but will be subsidiary to Item 316.

2.6. Traffic Control Plan

The contractor shall maintain temporary traffic control measures throughout the project that are constantly in full compliance with the current version of the Texas Manual on Uniform Traffic Control Devices.

All street segments and intersecting streets shall have project barricades in compliance with TxDOT's latest version of "Barricade and Construction General Notes and Requirements" in place before work begins. The contractor shall utilize TxDOT's latest standard traffic control plan sheets during paving operations.

The City may order all work stopped if the contractor fails to comply with the traffic control plan.

The contractor shall maintain two-way traffic at all times during construction. When paving operations require a lane closure the contractor shall provide cones, vertical panels, drums, signs, flaggers, and flashing arrow panels to route traffic. If two-way traffic operations are not practical, the contractor shall utilize a pilot car operation.

Flaggers are required at all intersections.

The contractor shall follow TxDOT's Mobile Operations Standard Traffic Control Plan Sheets for removing existing raised pavement markers, placing work zone pavement markers, removing work zone pavement markers, striping operations, and placing raised pavement markers.

The contractor shall make every effort to allow property owners and businesses access at all times.

The contractor shall notify all adjacent property owners and businesses of lane closures, street

closures, and of a proposed construction schedule before any paving operations begin.

The contractor shall be responsible for providing safe access for the delivery of mail by the U.S. Postal Service.

The contractor shall inspect and correct traffic control deficiencies each day throughout the duration of the contract.

The contractor shall provide the contract information of at least one employee on call nights and weekends (or any other time that work is not in progress) for maintenance of signs and traffic control devices.

Signs shall be removed once all pavement markings are in place.

2.7. Construction Inspections

Construction inspection shall be at the discretion of the City within the requirements of the City. The contractor shall keep the entire project site accessible to the City and any other governmental entity that may exercise regulatory control of the project or any portion of the work.

2.8. Protection of Work

The contractor shall protect all areas, whether within or outside of the actual limits of construction. The contractor shall restore all disturbed areas to a condition as good as, or better than, that present prior to the construction. The City shall be the sole judge as to the acceptability of the restoration.

Construction vehicles and equipment shall be limited to the areas to which work is to be performed. Any areas outside of the work area that has experienced damage (such as trees, or loss of vegetative cover) from the construction, storage of equipment and/or materials, or any other process associated with construction, shall be repaired by the contractor at his sole expense to the satisfaction of the City.

Any damage created by any equipment or any other means on the project or on adjacent properties and/or streets and roads shall be repaired to the City's satisfaction at the contractor's sole expense.

The contractor shall not cut or trim trees without consent of the City.

2.9. Storm Water Pollution Prevention Plan

The contractor shall be responsible for establishing a Storm Water Pollution Prevention Plan (SWPPP) and complying with the requirements thereof for the project.

The contractor is responsible for providing erosion and sediment control BMP's to prevent sediment from reaching paved areas, storm sewers systems, drainage courses, and adjacent properties. In the event the prevention measures are not effective, the contractor shall remove all debris, silt or mud and restore the right-of-way or original properties to a condition as good as, or better than, that present prior.

2.10. Materials Testing

The contractor shall provide test reports showing that all aggregate meets the requirements of TxDOT Item 302, "Aggregate for Surface Treatments."

The contractor shall provide a manifest for each asphalt load delivered to the project.

The City may perform additional testing for quality control.

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