

**ADVERTISEMENT FOR BIDS
CITY OF KENEDY, TX
GRAHAM RD MILLING & OVERLAY PROJECT**

General Notice

The City of Kenedy (Owner) is requesting Bids for the construction of the following Project:

Graham Rd Milling & Overlay Project

Bids for the construction of the Project will be received at the Kenedy City Hall, located at 303 W. Main Street, Kenedy, Texas 78119; until Tuesday, August 23rd, 2021 at 2:00 p.m. local time. At which time, the Bids received will be publicly opened and read on Thursday, August 26th, 2021 at 10:00 a.m. local time.

The Project includes the following Work:

The Scope of Work to be performed under the Drawings and Specifications consists of furnishing all labor, materials, and equipment for performing all Work required under the guidelines provided by the City of Kenedy Engineer. The Scope of Work required is as follows but not limited to; mobilization, excavation, demolition; which can include, utility adjustments, storm drainage, interceptor ditches and outfall channels. The "Asphalt Paving" street construction will also consist of; materials testing, construction surveying, traffic control devices and labor, repair flexible pavement structure, construction of concert water line trench, project clean-up, erosion control, seeding and demobilization; in accordance with these Specifications and in conformity to lines, grades and elevations shown on the Drawings and/or as directed by the Engineer. All Work shall be included in the Base Bid, as shown in the Contract Drawings.

Obtaining the Bidding Documents

Information and Bidding Documents for the Project can be found at the following designated website:

www.cityofkenedy.org

Bidding Documents may be downloaded from the designated website. The designated website will be updated periodically with addenda, list of registered plan holders, reports, and other information that will be relevant to submitting a Bid for the Project. All official notifications, addenda and other Bidding Documents will be offered only through the designated website provided above. Neither Owner nor Engineer will be responsible for Bidding Documents; including addenda, if any, obtained from sources other than the designated website. In addition, any questions from bidders shall be posted through Civcast.

The Issuing Office for the Bidding Documents is:

303 W. Main Street
Kenedy, Texas 78119
Attn: Joe Hernandez
Phone: (830) 583-2230

Instructions to Bidders:

For all further requirements regarding bid submittal, qualification, procedures, and contract award; refer to the Instructions to Bidders that included in the Bidding Documents.

Graham Rd Milling and Overlay

Project limits are from Escondido St. to Nueces St. approximately 1,850' x 26' to include 5 intersection radiuses.

Project is going to consist of a 2" mill/planing and 2" overlay with a 2% slope from the center of the roadway to match the existing gutter.

Asphalt Paving will have a Prime Tack and pave Type D HMA

Price will include one-time mobilization

Water line trench cement stabilization @ 3% approximately 225 CY along the south side of the roadway, and cross streets.

Traffic control will be required with the proper signage throughout the project limits, and detouring traffic as needed while construction work is being performed.

Contractor will be responsible for cleaning up all project materials and parking equipment in a safe location at the end of each day.

ITEM 8: PROSECUTION AND PROGRESS

For this project, working day charges will be charged in accordance with Article 8.3.1.4, "Standard Workweek". Placement of traffic control devices will not commence until after the start time and all devices will be removed from the roadway prior to the finish time. All other work not requiring lane closures can be done during daytime work hours with the Engineer's approval. Equip all construction equipment involved in roadway work with a permanently mounted, approved 360 degrees revolving or strobe warning light with amber lens. This light will have a minimum lens height of five inches and a diameter of five inches. This light will have a mounting height of not less than six feet above the roadway surface and will be visible from all sides. Do not begin work on the roadway until thirty (30) minutes after sunrise and all equipment and personnel must be off the road and lanes opened to traffic by thirty (30) minutes before sunset when utilizing temporary lane closures. However, if the Engineer allows, the Contractor may submit a written sequence proposing work at night. The Contractor must demonstrate the benefits to performing the work at night and also demonstrate that adequate personnel and equipment will be used for this work. All equipment used after sunset must be properly equipped for night work. This proposal for working at night must receive written approval from the Engineer before going into effect.

ITEM 340 DENSE-GRADED HOT-MIX ASPHALT (METHOD)

340.1. Description. Construct a pavement layer composed of a compacted, dense-graded mixture of aggregate and asphalt binder mixed hot in a mixing plant.

340.2. Materials. Furnish uncontaminated materials of uniform quality that meet the requirements of the plans and specifications. Notify the Engineer of all material sources. Notify the Engineer before changing any material source or formulation. When the Contractor makes a source or formulation

change, the Engineer will verify that the requirements of this Item are met and may require a new laboratory mixture design, trial batch, or both. The Engineer may sample and test project materials at any time during the project to verify compliance. Aggregate. Furnish aggregates from sources that conform to the requirements shown in Table 1, and as specified in this Section, unless otherwise shown on the plans. Provide aggregate stockpiles that meet the definition in this Section for either coarse aggregate or fine aggregate. When reclaimed asphalt pavement (RAP) is allowed by plan note, provide RAP stockpiles in accordance with this Section. Aggregate from RAP is not required to meet Table 1 requirements unless otherwise shown on the plans. Supply mechanically crushed gravel or stone aggregates that meet the definitions in Tex-100-E. The Engineer will designate the plant or the quarry as the sampling location. Samples must be from materials produced for the project. The Engineer will establish the surface aggregate classification (SAC) and perform Los Angeles abrasion, magnesium sulfate soundness, and Micro-Deval tests. Perform all other aggregate quality tests listed in Table 1. Document all test results on the mixture design report. The Engineer may perform tests on independent or split samples to verify Contractor test results. Stockpile aggregates for each source and type separately. Determine aggregate gradations for mixture design and production testing based on the washed sieve analysis given in Tex-200-F, Part II. Do not add material to an approved stockpile from sources that do not meet the aggregate quality requirements of the Department's Bituminous Rated Source Quality Catalog (BRSQC) unless otherwise approved. Coarse aggregate stockpiles must have no more than 20% material passing the No. 8 sieve. Provide aggregates from sources listed in the BRSQC.

ITEM 351 FLEXIBLE PAVEMENT STRUCTURE REPAIR

351.1. Description. Repair localized sections of flexible pavement structure including subgrade, base, and surfacing as shown on the plans. 351.2. Materials. Furnish materials unless otherwise shown on the plans. Provide materials of the type and grade as shown on the plans and in accordance with: • Item 132, "Embankment" • Item 204, "Sprinkling" • Item 247, "Flexible Base" • Item 260, "Lime Treatment (Road Mixed)" • Item 263, "Lime Treatment (Plant Mixed)" • Item 275, "Cement Treatment (Road Mixed)" • Item 276, "Cement Treatment (Plant Mixed)" • Item 292, "Asphalt Treatment (Plant Mix)" • Item 310, "Prime Coat" • Item 316, "Surface Treatments" • Item 330, "Limestone Rock Asphalt Pavement" • Item 334, "Hot-Mix Cold-laid Asphalt Concrete Pavement" • Item 340, "Hot Mix Asphalt." For asphalt concrete materials, Contractor testing and bonus and penalty provisions will be waived unless otherwise shown on the plans. Preparing Subgrade. Fill holes, ruts, and depressions with approved material. If required, thoroughly wet, reshape, and compact the subgrade as directed. Where subgrade has failed, remove unstable subgrade material to the depth directed and replace with an approved material. Mixing and Placing Base Material. Place, spread, and compact material in accordance with the applicable Item to the required or directed depth. When bituminous material is to remain in pavement structure, pulverize to a maximum dimension of 2-1/2 in. and uniformly mix with existing base to the depth shown on the plans. Use existing base and add new flexible base as required in accordance with Item 247, "Flexible Base," and details shown on the plans to achieve required section. Cement-Stabilized Base. Use existing base, add flexible base, and stabilize with a minimum cement content of 4% by weight of the total mixture. Construct in accordance with details shown on the plans and Item 275, "Cement Treatment (Road Mixed)," or Item 276, "Cement Treatment (Plant Mixed)," to achieve required section. Prime Coat. Protect the compacted, finished, and cured flexible,

lime-stabilized, or cement-stabilized base mixtures with a prime coat of the type and grade shown on the plans.

351.3. Equipment. Furnish equipment in accordance with pertinent Items. Use of a motor grader will be permitted for asphalt concrete pavement unless otherwise shown on the plans. 351.4. Work Methods. Repair using one or more of the following operations as shown on the plans. For Contracts with callout work, begin physical repair within 24 hr. of notification, unless otherwise shown on the plans. Cut neat vertical faces around the perimeter of the work area when removing pavement structure layers. Removed materials are the property of the Contractor unless otherwise shown on the plans. Dispose of removed material in accordance with federal, state, and local regulations. Provide a smooth line and grade conforming to the adjacent pavement.

ITEM 354 PLANING AND TEXTURING PAVEMENT

354.1. Description. Plane, or plane and texture, existing asphalt concrete pavement, asphalt-stabilized base, or concrete pavement. Texture bridge deck surfaces. 354.2. Equipment. The Engineer may require demonstration of the equipment's capabilities. Use planing machines that: • have a minimum 6-ft. cutting width except for work areas less than 6 ft. wide; • are self-propelled with sufficient power, traction, and stability to maintain an accurate depth of cut and slope; • can cut in 1 continuous operation: 4 in. of asphalt concrete pavement, 1 in. of concrete pavement, or a combination of 2 in. of asphalt concrete pavement and 1/2 in. of concrete pavement; • use dual longitudinal controls capable of operating on both sides automatically from any longitudinal grade reference, which includes string line, ski, mobile string line, or matching shoe; • use transverse controls with an automatic system to control cross slope at a given rate; • use integral loading and reclaiming devices to allow cutting, removal, and discharge of the material into a truck in one operation; and • include devices to control dust created by the cutting action. Use a manual system that can achieve a uniform depth of cut, flush to all inlets, valve covers, manholes, and other appurtenances within the paved area. Use of a manual system is allowed for areas restricted to self-propelled access and for detail pavement removal. Unless otherwise approved, use a street sweeper to remove cuttings and debris from the planed or textured pavement. Equip the sweeper with a water tank, dust control spray assembly, both a pick-up and a gutter broom, and a debris hopper. 354.3. Construction. When required, place grade reference points at maximum intervals of 50 ft. in accordance with Item 5, "Control of the Work." Use the control points to set the grade reference. Support the 354.3 to 354.3 409 grade references so the maximum deflection does not exceed 1/16 in. between supports. Vary the speed of the machine to leave a grid or other pattern type with discontinuous longitudinal reach. Remove the pavement surface for the length, depth, and width shown on the typical section and to the established line and grades. Remove pavement to vertical lines adjacent to curbs, gutters, inlets, manholes, or other obstructions. Do not damage appurtenances or underlying pavement. Provide a planed surface that has a uniform textured appearance and riding surface. Surface should be free from gouges, continuous longitudinal grooves, ridges, oil film, and other imperfections of workmanship. Leave a uniform surface of concrete pavement free of asphalt materials when removing an asphalt concrete pavement overlay. When an overlay on the planed pavement is not required, provide a minimum texture depth of not less than 0.05 in. Stop planing operations when surface texture depth is not sufficient. Do not exceed 3/16 in. into the original deck surface on bridges. Do not damage armor joints, sealed expansion joints, and other appurtenances. Provide a pavement surface that, after planing, has a smooth riding quality and is true to the established line, grade, and cross section. Provide a pavement surface that does not vary more than 1/8 in. in 10 ft.

Evaluate this criterion with a 10-ft. straightedge placed parallel to the centerline of the roadway. Deviations will be measured from the top of the texture. Correct any point in the surface not meeting this requirement. Sweep pavement and gutter. Leave pavement and curb clean. At the end of the day and for areas under traffic, slope vertical or near vertical longitudinal faces in the pavement surface in accordance with the requirements in the plans. Taper transverse faces to provide an acceptable ride.

ITEM 502: BARRICADES, SIGNS AND TRAFFIC HANDLING

Prior to beginning work, the Contractor and Engineer will agree on the allowable length of lane closure. The Contractor will be responsible for furnishing, erecting, and maintaining all signs and traffic control devices necessary to provide for the safe passage of traffic in and around the work zone. All traffic control devices will conform to the plan sheets and the Texas Manual of Uniform Traffic Control Devices (TMUTCD). Typical work location traffic control is shown on standard sheets. Work conditions not covered by the typical traffic control plan sheets will be in accordance with the current Texas Manual of Uniform Traffic Control Devices (TMUTCD) Part VI. Flaggers will be required at locations where work could endanger the traveling public or as directed by the Engineer/Project Manager. Regulate all construction activities and equipment so as to cause a minimum of inconvenience to the traveling public. At points where it is necessary for trucks to stop, load or unload, provide warning signs and flaggers to protect the traveling public. The Contractor Responsible Person(s) (CRP) for Work Zone Traffic Controls will inspect and ensure any deficiencies are corrected each and every day throughout the duration of this contract. Any misaligned or damaged traffic control devices will be repaired as soon as practical after deficiency is discovered. Open the pavement to traffic each night. Remove all material stockpiles, equipment left overnight or any obstruction within thirty (30) feet of a travel way or clearly mark by warning lights and barricades. Equip all construction equipment involved in roadway work with a permanently mounted warning light with amber lens as approved