

Specifications Bid 21-05
City of Alexander City, Alabama
Alexander City Road Improvement Program (ACRIP) FY2021

ITEMS TO BE BID:

THE CITY OF ALEXANDER CITY, ALABAMA, SEEKS BIDS FOR THE REHABILITATION AND MAINTENANCE OF VARIOUS STREETS CONSISTING OF SOME COMBINATION OF PLANING, PATCHING, LEVELING, BITUMINOUS TREATMENT – G AND KG, ASPHALT PAVING, AND STRIPING AS PER THE ATTACHED SPECIFICATIONS AND DRAWINGS.

SPECIFICATIONS:

General:

Sealed bids will be received by the City Clerk's office at City Hall, City of Alexander City, Alabama, until **Tuesday, June 22, 2021 at 2:00 pm**, and at that time, or as soon as practical, will be publicly opened at City Hall. A pre-construction conference will be held after formal bid award by the City Council.

There will be 11 streets/sections within the City to be rehabilitated, 4 streets/sections for striping maintenance, and 1 as a potential addition (See Location Map) during this project. These include:

1. Alabama Drive – from River Run to the end of the cul-de-sac
2. Ann Street – from K Street to I Street
3. Elbert Road – from Coven Abbett Highway to Loblolly Lane
4. Loblolly Lane – from Elbert Road to the end of the cul-de-sac
5. Midway Estates – from Highway 280 Right-of-Way to the City Limits
6. Nathan Street – from Dadeville Road to the end of the cul-de-sac
7. Oak Street West – from Highway 280 Right-of-Way to West Pine Street
8. Parrish Parkway – from Highway 63 Right-of-Way to Parrish Street
9. Parrish Street – from Highway 63 Right-of-Way to Watson Street
10. Pelham Street – Elkahatchee Street to South Central Avenue
11. River Bend Loop – from River Run to the end of the loop

Striping Maintenance:

1. 5th Way – from Lee Street to Russell Road
2. 6th Street Extension – from 6th Street to Scott Road
3. Hillabee Street – from Highway 63 Right-of-Way to Scott Road
4. Lee Street – from 5th Way to South Central Avenue

Alternate (Potential Addition)

1. Fairlane Circle – from Fairlane Drive to Dadeville Road

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The potential addition will only be considered as funding allows and may not be determined until the end of the base project in order to have an accurate evaluation of actual budget costs. ***The bid will be awarded based on the Total Cost for base bid items.***

Work will vary according to the specific road, and may include some combination of planing the existing asphalt, patching, leveling, placement of a bituminous surface treatment – G or KG, placement of an asphalt wearing surface, and temporary and permanent traffic control striping and other devices. Additional information is provided in the attached specifications and drawings.

The project will include work in various locations in the city with multiple phases of construction. It is imperative that the schedule of operations be communicated and coordinated with the City Engineer. The selected bidder will be required to submit to the City Engineer a complete schedule of operations (work item(s) and approximate date) for work prior to commencement. Dates and timelines on the contractor's schedule may be adjusted after submittal of schedules of operations and during construction, as approved by the City Engineer. It is the contractor's responsibility to ensure adequate traffic flow, proceed with work in a timely manner, and communicate/coordinate with the City Engineer.

Work on the project should begin within 30 calendar days after the bid is awarded and must be finished, with the exception of permanent striping, within 60 calendar days of beginning.

Once the contractor mobilizes to the project, work activities will commence continuously until completion. Should the contractor need to cease work activities on the project or demobilize from the project, prior approval from the City Engineer must be obtained. Work activities on the project will only be during normal City operating hours Monday through Friday unless prior approval by the City Engineer.

Specifications for the job and all work shall comply with the Alabama Department of Transportation (ALDOT), *Standard Specifications for Highway Construction, Latest Edition* and the *Manual on Uniform Traffic Control Devices (MUTCD)* unless otherwise specified. It is the bidder's/contractor's responsibility to be familiar with the manuals and comply with all provisions as necessary for preparation of the bid, submittal of the bid, construction of the work, etc.

Adjustment of Quantities:

The quantities shown are to be considered as approximate only and may be amended to include additional quantities or additional items, or to decrease quantities or to exclude items of work. This listing of quantities and pay items is only an estimate as to the type of work and approximate quantities involved.

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The list of streets shown should be considered preliminary and may be amended to include additional streets or to decrease as dictated by project funding. Unforeseen issues may arise during the course of the project that could also require changes to the project.

The subtotals and totals included in this packet are for estimation purposes only. Actual payout of each item will be on a unit-cost basis at the unit costs included by the contractor in this bid packet. The contractor will submit for payment based on actual measured units in the field or on weight tickets. The measurements and tickets must be included with each invoice. The units will be verified by the City Engineer prior to payment.

Qualification/Disqualification:

It is the intent that all bidders be responsible, competent, and qualified to complete the work. Each prospective contractor must be licensed by the State of Alabama or a state with license reciprocity, as a General Contractor in the major classification required for completion of this work. Contractor must also obtain a local business license prior to starting the project. General Contractor number and Bid # 21-05, must be listed on the outside of the sealed bid. Bidders must supply proof of general liability insurance.

Each bidder that has not done similar work for the City within the last three years will provide, with the bid package, three references and a list of the three most recent projects of similar size and scope. Each reference should include the name of the individual, title, place of employment, phone number, and address. Selected projects should be those that have been completed within the last three years and include the project name, location, owner, and a brief description.

Prior to acceptance of the bid, each bidder, at the request of the City Engineer, may be required to submit samples of materials and requested testing results for approval. The City Engineer reserves the right to discard unsatisfactory materials that do not meet the requirements for the project. Independent testing of the materials, at the discretion of the City Engineer, may be implemented to evaluate material samples.

The City reserves the right to disqualify a bidder or contractor or refuse to issue a bid packet to a prospective bidder.

Traffic Control:

Traffic Control is the responsibility of the contractor. All traffic control items needed to ensure safe traffic movements during construction such as signs, barricades, barrels, pilot vehicles, etc., must be provided/operated by the contractor as necessary. **A formal written traffic control plan must be developed by the contractor for all work within this contract and must be submitted to the City Engineer at least one week prior to the pre-construction conference for review.** Traffic control measures may be inspected by the City Engineer on a daily basis prior to commencement of work. The City Engineer reserves the right to cease operations during construction in the event adequate or previously approved traffic control

measures are not implemented or if conditions arise that warrant additional or revised traffic control measures.

All traffic control will comply with ALDOT *Standard Specifications for Highway Construction, Latest Edition*, unless otherwise directed by the City Engineer, and all barricades, warning signs, lights, temporary signs, and other protective devices shall conform to the MUTCD.

The length of work zones requiring pilot vehicles will be kept to a minimum and will not exceed 0.5 miles in total length unless approved by the City Engineer.

All intersections and adjoining roads within the work zone must, at a minimum, include the use of flagmen during the construction of the work.

The contractor will install and maintain semi-permanent or temporary “Loose Gravel – 25 MPH” signs for the duration of the project during which bituminous surface treatment is exposed as a surface for vehicle travel.

Traffic control signage will be installed prior to beginning work, inspected and approved by the City Engineer, covered with wood or plastic prior to starting work, uncovered during work, and remain, as needed, on the project until final payment for the project is issued by the City.

Pavement Cleaning:

It is the contractor’s responsibility to ensure pavement is cleaned of unnecessary or excessive debris prior to and after construction or prior to and after different phases of work.

It is the intent that, if determined necessary by the City Engineer, the edge of paving will be clipped prior to the commencement of work by City of Alexander City personnel and will not be the responsibility of the contractor.

Patching:

Bid cost for patching will include cutting or milling asphalt to a depth of 2 inches, 3 inches, or 4 inches below the existing surface, as directed, and removing and disposing of buildup materials. Removal of materials to a greater depth may be required by the City Engineer if conditions warrant. The asphalt patch must be placed in lifts at a rate not to exceed 220 pounds per square yard.

Patching and Leveling Locations:

Patching and leveling locations will be marked on the street by the City Engineer prior to commencement of work. If planing is required, the contractor will broom excessive dust and debris from the existing roadway surface in order for the City Engineer to adequately evaluate and mark areas to be patched.

Bituminous Treatment-G and KG:

All materials and work associated with the Bituminous Treatment-G and KG will comply with the ALDOT *Standard Specifications for Highway Construction, Latest Edition* unless otherwise specified. The contractor may place the bituminous treatment on the entire roadway currently being worked on prior to placement of the wearing surface as long as appropriate signage, striping, etc., is provided and the wearing surface is placed immediately following completion of placement of the bituminous treatment. Asphalt wearing surface placement must begin within 24 hours of completion of the bituminous treatment; with the only exception being the case in which a surface treatment will remain as the wearing surface. The City Engineer reserves the right to revise any or all parts of this policy should circumstances arise that require the bituminous treatment to be covered prior to traffic being introduced back onto the roadway.

If deemed unsatisfactory by the City Engineer prior to the placement of the wearing surface, the contractor will be responsible for any and all costs to bring the application into compliance with required specifications.

Areas requiring bituminous treatment will include the main roadway and side road intersections as shown within the “Limits of Construction” on the attached drawings.

Asphalt Paving:

Asphalt paving will comply with the ALDOT *Standard Specifications for Highway Construction, Latest Edition*, unless otherwise specified.

Bituminous surface treatment must be covered with the asphalt wearing surface within 24 hours of completion of the surface treatment, except when used as final wearing surface.

Mix Design:

Contractor must submit a copy of ALDOT approved mix designs for all mixes included in this bid. Additionally, contractor must provide:

- A. One test report per 500 tons per day, and
- B. One test report for any remaining substantial fraction (greater than 100 tons) of 500 tons per day.

Rolling Pattern:

A “rolling pattern” will be established by the contractor on all roads that measure greater than 1,000 feet along the centerline of the road. The “rolling pattern” will be established by measuring densities at a location to be approved by the City Engineer. To establish the “rolling pattern”, a density gauge should be used to determine the number of roller passes that correlate with the maximum density for that particular road. If road conditions are known to be or

expected to be substantially different in different locations, more than one “rolling pattern” may be required for a given section of roadway.

Striping and Other Traffic Control Devices:

Striping must be provided by the contractor. Temporary striping and other temporary traffic control devices, as required, must be installed for each project location prior to traffic being introduced back on the roadway. A roadway shall not be opened to traffic without a traffic stripe unless approved by the City Engineer. Lane lines shall be maintained at all times when traffic is required to pass through the areas of construction. Existing lane lines covered by paving operations shall be replaced with temporary stripe (Section 701.03(b), ALDOT, *Standard Specifications for Highway Construction, Latest Edition*).

Layout of striping, markings, etc., not specifically included in the attached drawings will be the responsibility of the contractor and comply with ALDOT *Standard Specifications for Highway Construction, Latest Edition*, ALDOT design specifications, and the MUTCD, as applicable.

All locations receiving temporary and permanent traffic control striping, markings, etc., will be cleaned (either by broom or any other acceptable method) prior to striping or marking and will be the responsibility of the contractor.

Temporary striping and other traffic control devices will generally include, at a minimum, stop bars, turn arrows, yield lines, lane lines, crosswalks, and centerlines unless indicated on the bid sheet or drawings.

All permanent traffic control devices including striping, markings, legends, and reflectors must be completed within 30 calendar days but no earlier than 14 calendar days of completion of the final paving operations.

Utility Manholes and Valves:

Contractor is responsible for adjusting the elevation of utility manholes and utility valves during paving operations; however, this will be limited to placement of appropriate risers, which will be provided by the City. The contractor should notify the City Engineer immediately should a manhole or valve require any adjustment not covered by the risers.

Full Depth Reclamation:

Contractor is responsible for the removal, export, and stockpile, as necessary, of 9 inches of existing material from the existing roadway. The contractor will mix the stockpiled material as needed to ensure adequate distribution of aggregate base and reclaimed asphalt to the satisfaction of the City Engineer. Once the material is mixed, the contractor is responsible for importing, placing, and compacting the material on the roadway to a depth of 6 inches above the existing subgrade. The contractor is responsible to ensure the subgrade is prepared, compacted, and satisfactory for the placement of the reclaimed material. A “proof roll” will be

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conducted by the City Engineer on the subgrade and on the newly placed reclaimed 6 inch material. Any deficiencies determined during the “proof roll” will be repaired by and will be the responsibility of the contractor. Asphalt paving may not proceed until the roadway subgrade and base layer have been approved by the City Engineer.

Contractor must allow traffic flow to continue for local residents which may require work operations to be phased. Prior to beginning work, the contractor must provide a schedule of operations to the City Engineer.

The removed material may be stockpiled in the City parking lot located near the intersection of Joseph Street and 1st Way behind the existing City Public Works office located on Railey Road.

Mailboxes:

Contractor is not responsible for accidental damage to existing mailboxes that are not properly installed per regulations and specifications. However, it is the contractor’s responsibility to inform the City Engineer of any mailboxes that are not in compliance prior to beginning work.

Tie-ins:

All turnouts, driveway tie-ins, and other street tie-ins must be smooth and must be completed to the satisfaction of the City Engineer, and inspected by the City Engineer prior to leaving the work zone. Planing as necessary to tie-in and other costs not presented as bid items must be incorporated into the presented bid items.

Safety:

All safety as related to the work outlined in this bid is the responsibility of the contractor and will comply with all applicable local, state, and federal regulations and requirements.

Clean Up:

All work being performed shall be done in a manner to ensure that unnecessary spillage, trash, debris, etc., does not remain on the project. The project will be cleaned of excess materials and debris on a daily basis. The City Engineer reserves the right to control the timeliness of cleanup work at each project location, and, if necessary, stop production of payable items until cleanup is completed.

Driveways, parking lots, access roads, intersecting roadways, or any other areas on which materials might accumulate will be swept clean of any loose materials, spillage, trash, aggregate, debris, etc., to the satisfaction of the City Engineer.

Responsibility of Damage Claims:

Contractor shall comply with Section 107, Legal Relations and Responsibility to Public, among others of the ALDOT *Standard Specifications for Highway Construction, Latest Edition*.

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Contractor shall indemnify and save harmless the City of Alexander City, its officers, employees, and consultants from all suits, actions, claims of any character brought because of any injuries or damages received or sustained by any person, persons, or property due to the operations of the Contractor; or because of or in consequence of any neglect in safeguarding the work; or through use of unacceptable materials in constructing the work; or because of any act or omission, neglect or misconduct of the Contractor; or because of any claims or amounts arising recovered under the "Workmen's Compensation Act" or any other law, ordinance, order, or decree; and so much of the money due the Contractor under and by virtue of his contract as may be considered necessary by the City for such purpose, may be retained for the use of the City; or, in case no money is due, his surety will be held liable until such suit or suits, action or actions, claim or claims for injuries or damages as aforesaid shall have been settled and suitable evidence to that effect furnished to the City; except that money due the Contractor will not be withheld when the Contractor produces satisfactory evidence that he is adequately protected by public liability and property damage insurance (Section 107.14(a), ALDOT *Standard Specifications for Highway Construction, Latest Edition*).

Performance Bond/Warranty:

After selection of the contractor but prior to beginning work, the contractor must furnish and file with the City Engineer an acceptable surety bond in an amount equal to 100 percent of the contract bid price of the contract awarded as specified in Section 103.05 of the ALDOT *Standard Specifications for Highway Construction, Latest Edition*.

Contractor warrants and guarantees workmanship and materials for which the contractor is responsible to be free from defects for a period of one year following final approval of the project.

Invoices/Pay Applications:

All pay applications shall be submitted by email to Accounts Payable and the Engineering Department monthly, and will include a breakdown of each pay item, the estimated quantity from the Bid Sheet, the total billing for the current pay period including quantity and cost, and the total billing to date for the project including quantity and cost. Pay applications that do not include this information may be returned to the contractor and resubmitted to the City upon correction of the application. All payments will be made on a Net 30 basis.

Preconstruction Conference:

There will not be a pre-bid meeting for this bid. However, there will be a preconstruction conference after the bid is awarded.