

Macon-Bibb County, Georgia

INVITATION FOR BIDS

FOR

DEEP PATCH WITH ASPHALT RESURFACING PROJECTS

745-02 745-21 745-65 755-35 755-30

BID NUMBER: 22-031-LH

ISSUED: 2/2/2022

BIDS DUE NO LATER THAN 12:00 NOON ON THURSDAY, March 3, 2022

Macon-Bibb County Procurement Department 700 Poplar Street Suite 308 Government Center Macon, Georgia 31201

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FORMS PROVIDED: BID FORM BIDDER QUALIFICATION FORM FINANCIAL & LEGAL STABILITY STATEMENT LIST OF SUB-CONTRACTORS BIDDER MINORITY PARTICIPATION GOAL GEORGIA SECURITY AND IMMIGRATION COMPLIANCE ACT (E-VERIFY) AFFIDAVIT

ATTACHMENTS:

A – REQUIRED SUBMITTAL DOCUMENTS W/ BID SCHEDULE & BID PRICE FORM

B – Specifications

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I. GENERAL

- A. Invitation
 - Notice is hereby given that the Macon-Bibb County Board of Commissioners will receive sealed bids in the Procurement Department, Suite 308, Macon-Bibb Government Center, 700 Poplar Street, Macon, Georgia 31201, until 12:00 o'clock NOON at the time legally prevailing in Macon, Georgia on Thursday, March 3, 2022, for Deep Patch with Asphalt Resurfacing Projects for the Macon-Bibb County Engineering Department, Macon, Bibb County, Georgia.

2. NO BIDS WILL BE ACCEPTED AFTER THIS DESIGNATED TIME.

- 3. Bids will be publicly opened in the Macon-Bibb County Procurement Department Conference Room on Thursday March 3, 2022, at 2:00 pm.
- 4. Minority, Women Owned and other Disadvantaged Business Enterprises are encouraged to participate in the solicitation process. Additionally, respondents are encouraged to use M/W/DBE subcontractors where possible. Small and other disadvantaged businesses requiring assistance with the competitive process can contact Charise Stephens, Director of Small Business Affairs at (478) 751-7170 or <u>Cstephens2@maconbibb.us</u>.
- B. Bid Documents
 - 1. Bid documents may be examined and obtained at the Macon-Bibb County Procurement Department, Suite 308, Government Center, 700 Poplar Street, Macon, Georgia 31201, by calling (478) 803-0550, or may be viewed and downloaded from one of the links included below:

Georgia Procurement Registry website http://ssl.doas.state.ga.us/PRSapp/PR_custom_index.jsp?agency=61100 Macon-Bibb County Procurement Page www.maconbibb.us/purchasing

C. Pre-Bid

A Pre-bid conference is scheduled for 10:00 o'clock a.m., Wednesday, February 16, 2022, in the Engineering Conference Room located at 780 Third Street, Macon, GA 31201. This pre-bid is mandatory; contractor must be present in order to submit a response. **Deadline for submission of questions is Friday, February 18, 2022 by 3:00 p.m. standard eastern time. Questions must be submitted via email to Lhardwick@maconbibb.us**

D. Bid Bond

- 1. Bids, in order to be considered, shall be accompanied by a bid bond, payable to the Owner, in amount not less than five-percent (5%) of the total base bid.
 - a) This bid security shall become payable to the Owner only if the bidder, to whom award is made, should fail to execute a contract with the Owner and furnish bond and insurance in accordance with terms of the contract within ten (10) days after notification of award.
- E. Sealed Bids
 - 1. Envelopes shall be identified on the outside as

"Bid 22-031-LH – "Deep Patch with Asphalt Resurfacing Projects"

And delivered by hand or mailed to:

Macon-Bibb County Procurement Department

700 Poplar Street, Suite 308 Macon, Georgia 31201

- F. Validity
 - 1. No bid may be withdrawn for a period of sixty (60) days after time has been called on date of bid opening.
- G. Contract Award
 - 1. The contract, if awarded, will be based on Total Bid Price.
 - 2. Guidelines in the award of this contract will be Section 36-10-2.2, Official Code of Georgia Annotated.
 - 3. Upon award of the Contract, a pre-construction meeting will be held to discuss the project and to establish a schedule of work.
- H. Surety
 - 1. Whereas the anticipated contracted price exceeds \$5,000, the bidder to whom award is made shall submit a Payment Bond and a Performance Bond, both in amount of one-hundred-percent (100%) of the contract price.
 - a) Bonding company/Surety shall be:
 - (1) Rated B+ or better in current Key Rating Guide as issued by A.M. Best Company, Oldwick, NJ.
 - (2) Licensed to do business in the State of Georgia.

I. Payment Conditions

- 1. The County Inspector will collect material tickets, measure and inspect work completed to date on said job and report to the Project Manager for payment.
- 2. A 10% retainage will be withheld from each payment until final payment is made. The Owner will only pay for items used and actual work performed.
- 3. Change orders are issued for any variance from contract or plan sheets.
- 4. Any unauthorized work or material change will not be paid for unless a change order has been issued.
- J. Excise Taxes
 - 1. Any material that is to be incorporated into the work of this project may be consigned to Macon-Bibb County in care of the contractor. If the shipping papers show clearly that any such materials is so consigned, the shipment shall be exempt from the tax on transportation of property under the provisions of Section 3478(b) of the Internal Revenue Code, as amended by Public Law 180-78th Congress.
 - 2. The Contractor shall pay all transportation charges.
 - 3. Each bidder shall take this exemption into account in calculating his bid.

- K. Insurance
 - 1. Insurance coverage shall be carried with an insurance company licensed to do business in the State of Georgia.
 - 2. Insurance shall be obtained prior to commencement of work and shall remain in force throughout the period of the contract.
 - 3. Macon-Bibb County shall be named as additional insured on the policy.
 - 4. Coverage shall include water damage.
 - 5. Contractor is responsible for any and all deductibles.
 - 6. Required coverage:
 - a) Worker's Compensation: Statutory
 - b) General Liability:
 - (1) \$1,000,000.00 combined single limit for B.I., P.D.
 - (2) Maximum deductible: \$5,000.00
 - (3) To include:
 - (a) Premises Operations
 - (b) Products & Completed Operations
 - (c) Broad form Contractual
 - (d) Independent Contractor and Subcontractor
 - (e) Underground explosion and collapse
 - c) Automobile Liability:
 - (1) \$1,000,000.00 combined single limit for B.I. and P.D.
 - (2) Maximum deductible: \$5,000.00
 - (3) To include:
 - (a) Owned Automobiles
 - (b) Hired Automobiles
 - (c) Non-Owned Automobiles

II. INSTRUCTIONS TO BIDDERS

- A. Definitions
 - 1. Wherever the term "Owner", "County", or "Macon-Bibb County" occur in these specifications, it shall mean Macon-Bibb County, a political subdivision of the State of

Georgia acting through the Macon-Bibb County Board of Commissioners.

- 2. Wherever the term "Engineer" occurs in these specifications, it shall mean the engineer of the Owner, the County Engineer, or his representative.
- 3. Wherever the term "work" occurs in these specifications, it shall mean the work as defined herein, including, all labor, materials, equipment, transportation, and supervision necessary to complete the contract.
- 4. Wherever the term "D.O.T." occurs in these specifications, it shall mean the Georgia Department of Transportation.
- B. Related Documents
 - 1. Specifications (Attachment "B")
 - 2. Bid Form
 - 3. Bidder's Qualification Form
 - 4. Financial & Legal Stability Statement
 - 5. Bidder MBE Plan Form
 - 6. List of Sub-contractors
 - 7. Bond Forms
 - 8. E-Verify Affidavit
 - 9. Title VI non-discrimination Notice
- C. Bidder's Representation
 - 1. Each bidder, by making his bid, represents that he has:
 - a) Read and understands the bidding documents; and,
 - b) Visited the site and become familiar with the local conditions under which the work

is to be performed.

- (1) Bidders shall examine the areas wherein work of this project is to be carried out and shall take into consideration all conditions that might affect his work.
 - (a) Failure of the bidder to inspect firsthand the areas affected by work in this project shall not relieve him of the obligation to comply fully with the scope of the work as defined herein.
 - (b) No consideration will be given any claim based on lack of knowledge of existing conditions, except where the Contract Documents make definite provisions for adjustment of cost or extension of time due to existing conditions that cannot be readily ascertained.

D. Document Discrepancies

- 1. Should the bidder find discrepancies in, or omissions from the documents, he shall at once notify the Macon-Bibb County Procurement Department.
- 2. Requests for Interpretations of Drawings and Specifications shall be made in writing to the Macon-Bibb County Procurement Department not later than seven (7) days prior to receipt of bids, email preferred to Lhardwick@maconbibb.us

- 3. Any subsequent instructions to bidders will be issued in the form of addenda to the specifications and sent to the bidder. All addenda shall be enumerated in the Bid Form.
- 4. All definitions set forth in the specifications are applicable to this Instruction to Bidders, the Bid Form and the proposed Contract Documents including, but not limited to, drawings, project manual, and any addenda issued prior to receipt of bids.
 - a) Addenda are written or graphic instruments issued prior to the execution of the Contract that may modify or interpret the bidding documents by deletion, additions, clarifications or corrections.
 - b) Addenda will become part of the Contract Documents when the Construction Contract is executed.

E. Submittals

- 1. In order for bids to be considered, the complete bid document package shall be submitted including each of the following completed documents.
 - a) Bid Form
 - b) Bidder's Qualification Form
 - c) Financial & Legal Stability Statement
 - d) List of Sub-Contractors
 - e) Minority Participation Goal
 - f) Bid Bond in amount of 5% of the total base bid
 - g) E-Verify Affidavit
 - h) Disbarment Form

F. Reservations

- 1. The bidder acknowledges that Macon-Bibb County reserves full freedom (in addition to the right to reject any and all bids) in awarding bids to consider all available factors including, but not limited to, price, the provision of needed and unneeded features, usefulness to the using department and prior County experience. In addition, the bidder recognizes the right of the Owner to reject a bid if the bidder failed to furnish any required submittals on the date required by the bidding documents, or if the bid is in any way incomplete or irregular. Hence the County may award bids to other than the lowest bidder if in the judgment of the Board of Commissioners the interest of the County will be best served by award to another.
- G. Surety and Insurance Companies
 - 1. The Contract provides that the surety and insurance companies must be acceptable to the Owner. The bidder shall require the attorney in fact who executes the required bonds on behalf of the surety to affix thereto a certified and current copy of his power of attorney indicating the monetary limit of such power.

III. SPECIAL CONDITIONS

- A. General
 - 1. All work to be performed as part of this specification shall comply with all codes, ordinances and regulations applicable to the contract, including, but not limited to:
 - a) International Building Code
 - b) State and Local Building Code
 - c) Georgia Department of Transportation (D.O.T.)
 - d) Occupational Safety and Health Administration (OSHA)
 - e) Other Federal, State, or Local Codes
- B. Permits and Licenses
 - 1. Contractor shall obtain all permits and licenses, paying all fees as required, for execution of the Contract. In addition, the Contractor shall arrange for necessary inspections required by the City, County, State and other authorities having jurisdiction, and submit certificates of approval to the Owner or his designated representative.
- C. Layout of Work
 - 1. The Contractor shall verify all existing conditions and contiguous work and lay out his work there from, providing for himself all other necessary measurements, lines and levels, and shall assume the responsibility for the correctness of the layout of the work.
- D. Work Area
 - 1. The Contractor shall confine his operations to as small an area as possible, using only the areas designated for on-site storage.
 - 2. The Contractor shall protect all surrounding adjoining private and public property, taking every precaution to prevent damage or injury to trees, shrubs, curbs, sidewalks, driveways and fences along or adjacent to the work. Should damage occur, the Contractor shall restore, at his expense, any such property damage or injuries by his operations to a condition equal to that existing before such damage or injury was done, by repairing, rebuilding or otherwise restoring as may be directed by, and to the satisfaction of the Owner.
 - 3. In case of failure on the part of the Contractor to restore such property, or make good such damages or injury, the Owner may, after forty-eight (48) hours written notice, proceed to repair, rebuild, or otherwise restore such property as may be deemed necessary, and the cost thereof shall be deducted from any monies due or which may become due the contractor under this contract.
- E. Underground Utilities
 - 1. The Contractor shall verify all underground utilities and their locations prior to commencing any work under this contract. Damages to underground utilities, and costs to repair same, shall be the responsibility of the Contractor.
- F. Traffic Control
 - 1. It shall be the responsibility of the Contractor to maintain traffic by utilizing adequate construction signs and flagmen at all times.

- 2. The Contractor shall furnish, install, maintain and eventually remove all traffic control devises necessary to properly protect and divert traffic. Such barricades and detour signs shall be illuminated at night.
- 3. All costs associated with traffic control shall be the responsibility of the Contractor.
- 4. The Contractor shall assume all responsibility for damages resulting from the failure of the signs and/or barricades to properly protect the work from traffic.
- G. Erosion Control
 - 1. The Contractor shall control all erosion by incorporating temporary grassing, mulch, baled straw, or silt fencing wherever required.
- H. Vandalism
 - 1. The Contractor shall take every precaution not to leave equipment and materials where they can be reached and used for defacing new or existing work at any time.
- I. Material Disposal
 - 1. The Contractor shall allow no trash, dirt, stumps, tree trunks, or excess material to accumulate and shall be responsible for removing same from the premises.
 - a) Such items shall be disposed of off the premises.
 - b) Burning of material on the site will not be permitted.
 - c) All costs of removing trash shall be the responsibility of the Contractor.
 - d) Place and method of disposal shall be the responsibility of the Contractor.
- J. Extension of Time
 - 1. In the event the work under this project is delayed by neglect, delay, or default of any other Contractor or the Owner, or by any damage which is the result of an Act of God, or by a general strike of the employees, the Contractor shall have reason to claim for delay and request an extension of time to complete the contract.
- K. Liquidated Damages
 - 1. Liquidated damages in the amount of \$75 shall be charged to the contractor for each day that the project is delayed beyond the completion date of the contract. These charges are to defray the cost of inspection by Macon-Bibb employees assigned to the project.

- L. Inspection
 - 1. The Engineer may appoint inspectors to inspect all materials used and all work performed. Such inspection may extend to all or any part of the work and to the preparation of manufacture of the materials to be used. The inspectors will not be authorized to revoke,

alter, enlarge or relax the provisions of this specification, nor will they be authorized to approve or accept any portion of the completed work or to issue instruction contrary to the plans and specifications. The inspector shall have authority to reject defective material and to suspend work that is being improperly done, subject to the final decision of the Engineer.

- 2. It is mutually agreed between the parties to the contract that to prevent all disputes and misunderstandings between them in relation to any of the provisions contained in these specifications, or their performance by either of said parties, the Engineer shall serve as the referee to decide all matters of construction of the specifications and of the terms of the contract, and as to all matters arising or growing out of said contract and his decision shall be final and binding upon both parties.
- 3. The Engineer and his inspectors shall have free access to all parts of the work, and to all material intended for use in the work. The work will be inspected as it progresses, but failure to reject or condemn defective work at the time it is done will in no way prevent its rejection whenever it is discovered before the work is finally accepted and approved, nor will final acceptance and approval constitute waiver by the County of any right of action for defective work or the failure to perform the contract according to its terms.

IV. EXECUTION

- A. General
 - 1. It is the intent of this specification to provide for the **Deep Patch with Asphalt Resurfacing Projects**, for the Macon-Bibb County Engineering Department, Macon, Georgia.
- B. Specifications
 - 1. The Contractor shall provide all services as outlined in Attachment "B"- Specifications, attached hereto and incorporated herein
- C. Schedule
 - 1. The contractor shall commence work including applying for all needed railroad permits within 10 calendar days following issuance of notice to proceed, shall execute the work diligently, and shall complete all work requirements within 150 calendar days following the receipt of all necessary railroad permits. This time shall include all clean up, demobilization, and other work necessary to return the project area to its final state.

V. WARRANTY

A. The Contractor shall guarantee all labor and workmanship for minimum of one (1) year(s) from date of completion.

BID FORM

Macon-Bibb County Board of Commissioners Laura Hardwick, Senior Procurement Officer Macon-Bibb County, Procurement Dept. 700 Poplar Street, Suite 308 Macon, Georgia 31201

DATE: _____

- Re: **Deep Patch with Asphalt Resurfacing Projects** Macon-Bibb County Engineering Department Bibb County, Georgia
- 1. We have examined the Specifications, related documents and the site of the proposed Work, and are familiar with all the conditions surrounding this project, including the availability of materials and labor, and hereby bid to furnish all materials and labor, and to complete the project in accordance with the Contract Documents, within the time set forth herein, and at the prices stated below. These prices are to cover all expenses incurred in performing the Work required under these Specifications, of which this bid is part.

2. ADDENDUM RECEIPT:

- a. We acknowledge our responsibility to ensure that all addenda have been received prior to the submission of a bid.
- b. Bidder acknowledges receipt of the following addenda:

Addendum No.	Dated
Addendum No	Dated
Addendum No.	Dated

- 3. We agree to commence actual physical work on site, with an adequate force and equipment within the timeframe presented in the specifications and to complete fully all work within the stated timeframe following notice to proceed.
- 4. We agree that this bid may not be revoked or withdrawn after the time set for the opening of bids and shall remain open for acceptance for a period of sixty (60) days following such time.
- 5. In case of written notification by mail, telegraph, or delivery of the acceptance of this bid within sixty (60) days after the time set for the opening of bids, the undersigned agrees to execute within ten (10) days a Contract for the Work for the below stated compensation and at the same time to furnish and deliver to the Owner a Performance Bond and a Payment Bond, both in an amount equal to one-hundred-percent (100%) of the Contract Sum.
- 6. Enclosed herewith is a Bid Bond in the amount of five percent (5%) of the total base bid. We agree that the above stated amount is the proper measure of liquidated damages that the Owner will sustain by the failure of the undersigned to execute the Contract and to furnish the Performance Bond and the Payment Bond.
- 7. If this bid is accepted within sixty (60) days after the date set for the opening of bids and we fail to execute the Contract within ten (10) days after written notice of such acceptance or if we fail to furnish both a Performance Bond and a Payment Bond, the obligation of the bond will remain in full force and affect and the money payable thereon shall be paid into the funds of the Owner as liquidated damages for such failure; otherwise, the obligation of the bond will be null and void.

- 8. We hereby certify that we have not, nor has any member of the firm(s) or corporation(s), either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this submitted bid.
- 9. We understand the total bid price listed below to be inclusive of all materials, labor, equipment, and other provisions necessary to provide the services in accordance with the associated specification.

Road Name

From-To

Riverside Park Blvd.	Riverside DrBowman Blvd.	0.25
Wexford Pl.	Chadwick Circle -Cul-de-sac	0.02
Glenwood Dr.	Maplewood DrForest Hill Road	0.61
Dennis Pl.	Eastview AveShurling Dr.	0.22
Jackson St. Lane	Hazel St-Ash St.	0.09
Main St.	Coliseum DrDead End	0.88
Industrial Way East	Emery HwyTrade dr.	0.3
Erick Dr.	Industrial Park Drive-Jackson Street	0.4
Woodland Dr.	Gray HwyDead End	0.28
Covington Dr.	Forsyth Rd Cul-de-sac	0.49
Wood Dale Dr.	Idleway Dr. Cul-de-sac	0.24
Brandywine Dr.	Tucker RdValley Forge Rd.	0.34
Clisby Pl.	Roff AveHillcrest Ave./Lasseter Place (Asphalt Over Concrete)	0.27
Bartlett St.	Hillcrest AveRoff Ave.	0.43
Hillcrest Ind. Blvd.	Hillcrest AveRoff Ave.	0.46
Lake Ridge Dr.	Moseley Dixon RdCul-de-sac	0.37
Williamson Dr.	Eisenhower PkwyCul-de-sac	0.47
Canwood Dr.	Moseley Dixon RdCanwood P.	0.39
Ennis Rd.	Guy Paine-Raine-Allied Industrial Blvd.	0.32
Dorset	2594 Echols PlMedford Pl.	0.13
Thrasher Av./Vinson Ave.	Ashland DrRocky Creek Rd.	0.44
Mickey St.	Bloomfield DrO'Hara Dr. N.	0.56
Hightower Road	Pio Nono AveHouston Ave.	0.95
Paul Walsh Dr.	Brad Walsh PkwyDead End	0.39
Ingleside Ave.	Pierce Avenue-Ridge Avenue (Asphalt Over Concrete)	0.99
Metro Way	Hartness StAtwood Dr.	0.23

Additive Streets

Tobesofkee Pt. Circle	Tobesofkee Point DrDead End	0.13
Billy Williamson Dr.	Presidential PkwyColumbus Rd.	0.31
Pinecrest Road	Ingleside AveOld Holton Road	0.49
Old Clinton Rd.	Wood Valley RdBen Hill Dr. (Asphalt Over Concrete)	0.56
Ballard Place	India Avenue-Ballard Drive	0.17
Fifth St.	Broadway-Concord Street	0.38
Timber Ridge Dr.	Hartley Bridge RdDead End	0.65
AzaleaDr./Greenfields Rd.	Ayers RdNapier Ave.	0.32
Saddle Run Court	Lakeview Dr. NDead End	0.39

(Roadway Repair and Resurfacing) Bid Schedule

The quantities listed are an approximate estimate of the materials required to complete the roadway repair and resurfacing projects, for the Main Streets list. The "Total Base Bid Price" is the bid amount which shall be used to award the 2022 LMIG paving contract to the successful bidder.

Prior to beginning contract paving work on the main streets, the successful bidder shall be required to contact Mike Beard with the Macon Water Authority, at (478) 256-9382, regarding coordination with MWA on locating paved over manholes and water valves.

The 150-day contract period shall proceed upon the successful bidder receiving the "Notice to Proceed" from our Procurement Office.

PROJECT BID: (MILLING, PATCHING AND RESURFACING):

Main Streets – Riverside Park Blvd., Wexford Place, Glenwood Drive, Dennis Place, Jackson Street Lane, Main Street, Industrial Way East, Erick Drive, Woodlawn Drive, Covington Drive, Wood Dale Drive, Brandywine Drive, Hendley Street, Bartlett Street, Hillcrest Industrial Blvd., Lake Ridge Drive, Williamson Drive, Canwood Drive, Ennis Road, Dorset Drive, Thrasher Avenue / Vinson Avenue, Mickey Street, Hightower Road, Paul Walsh Drive, Ingleside Avenue, Metro Way.

<u>Quantity</u>	Unit	Item	Unit Price	Total
15,931	TONS	Milling		
8,695	GAL	Bituminous Tack		
14,484	SY	Roadway Patching		
·		, ,		
15,931	TONS	12.5 mm Superpave		
		Asphalt		

139	EA	Install Furnished Sewer	
		Manhole & water valve	
		risers, 1"	
0	СҮ	GABC Stab. Subgrade	
4	EA	Traffic Control loop	
6.43	MILE	Striping (paint)	
13	EA	Pavement markings	
		(Arrows, thermoplastic)	
554	LF	Pavement markings	
		(Cross walks, thermoplastic)	
42	EA	Pavement markings	
		(Stop bars, thermoplastic)	
20	LF	Pavement markings	
	(Hatching, thermoplastic)	
107	EA	Manholes	
32	EA	Water Valves	
0.95	MILE	Raised pavement markers	
		(Hightower Road)	

(Roadway Repair and Resurfacing)

Bid Schedule

The quantities listed are an approximate estimate of the materials required to complete the roadway repair and resurfacing projects:

PROJECT BID: (Milling, Patching and Resurfacing):

Additive Streets – Billy Williamson Drive

Quantitity	Unit	ltem	Unit Price	Total
480	TONS	Milling		
262	GAL	Bituminous Tack		
437	SY	Roadway Patching		
480	TONS	12.5 mm Asphalt		
0	EA	MH & WV Risers		
0	CY	GABC – Stab. Subgrad	de	
0	EA	Traffic Control Loop		
0.31	MILES	Striping (Paint)		
0	EA	Pavement Markings		
		(arrows, thermoplasti	ic)	
64	LF	Pavement markings		
04	LF		ctic)	
		Crosswalks, thermoplas	stic)	
0	EA	Pavement markings		
		(stop bars, thermopla	stic)	
0	LF	Pavement markings		
		(hatching, thermoplas	tic)	
0	MILES	Raised pavement mai	rkers	

Total Bid Price

(Roadway Repair and Resurfacing)

Bid Schedule

The quantities listed are an approximate estimate of the materials required to complete the roadway repair and resurfacing projects:

PROJECT BID: (Milling, Patching AND RESURFACING):

Additive Streets – Tobesofkee Point Circle

Quantitity	Unit	ltem	Unit Price	Total
168	TONS	Milling		
92	GAL	Bituminous Tack		
153	SY	Roadway Patching		
168	TONS	12.5 mm Asphalt		
0	EA	MH & WV Risers		
0	СҮ	GABC – Stab. Subgrade		
0	EA	Traffic Control Loop		
0	MILES	Striping (Paint)		
0	EA	Pavement Markings (arrows, thermoplastic)		
0	LF	Pavement markings (Crosswalks, thermoplastic)		
0	EA	Pavement markings (stop bars, thermoplastic)		
0	LF	Pavement markings (hatching, thermoplastic)		
0	MILES	Raised pavement markers		

(Roadway Repair and Resurfacing)

Bid Schedule

The quantities listed are an approximate estimate of the materials required to complete the roadway repair and resurfacing projects:

PROJECT BID: (Milling, Patching and Resurfacing):

Additive Streets – Azalea Drive / Greenfields Road

Quantity	Unit	ltem	Unit Price	Total
496	TONS	Milling		
270	GAL	Bituminous Tack		
451	SY	Roadway Patching		
496	TONS	12.5 mm Asphalt		
10	EA	MH & WV Risers		
0	CY	GABC – Stab. Subgrade		
0	EA	Traffic Control Loop		
0.32	MILES	Striping (Paint)		
0	EA	Pavement Markings (Arrows, thermoplastic)		
0	LF	Pavement markings (Crosswalks, thermoplastic)		
2	EA	Pavement markings (Stop bars, thermoplastic)		
0	LF	Pavement markings (hatching, thermoplastic)		
0	MILES	Raised pavement markers		

(Roadway Repair and Resurfacing)

Bid Schedule

The quantities listed are an approximate estimate of the materials required to complete the roadway repair and resurfacing projects:

PROJECT BID: (Milling, Patching and Resurfacing):

Quantity	Unit	ltem	Unit Price	Total
723	TONS	Milling		
394	GAL	Bituminous Tack		<u> </u>
657	SY	Roadway Patching		
723	TONS	12.5 mm Asphalt		
3	EA	MH & WV Risers		
0	CY	GABC – Stab. Subgrade		
0	EA	Traffic Control Loop		
0.56	MILES	Striping (Paint)		
0	EA	Pavement Markings (Arrows, thermoplastic)		
0	LF	Pavement markings (Crosswalks, thermoplastic)		
1	EA	Pavement markings Stop bars, thermoplastic)		
0	LF	Pavement markings (hatching, thermoplastic)		
0	MILES	Raised pavement markers		
		Total Bid Price	9	

Additive Streets – Ballard Place

(Roadway Repair and Resurfacing)

Bid Schedule

The quantities listed are an approximate estimate of the materials required to complete the roadway repair and resurfacing projects:

PROJECT BID: (Milling, Patching and Resurfacing):

Additive Streets – Fifth Street

Quantity	Unit	ltem	Unit Price	Total
540	TONS	Milling		
294	GAL	Bituminous Tack		
491	SY	Roadway Patching		
540	TONS	12.5 mm Asphalt		
11	EA	MH & WV Risers		
0	СҮ	GABC – Stab. Subgrad	de	
0	EA	Traffic Control Loop)	
0.38 0	MILES EA	Striping (Paint) Pavement Marking (Arrows, thermoplas		
0	LF	Pavement marking (Crosswalks, thermopla		
2	EA	Pavement marking (Stop bars, thermopla		
0	LF	Pavement marking (hatching, thermop		
0	MILES	Raised pavement n	narkers	
		Total Bid Price	9	

(Roadway Repair and Resurfacing)

Bid Schedule

The quantities listed are an approximate estimate of the materials required to complete the roadway repair and resurfacing projects:

PROJECT BID: (Milling, Patching and Resurfacing):

Additive Streets – Old Clinton Road

Unit	Item	Unit Price	Total
TONS	Milling		
GAL	Bituminous Tack		
SY	Roadway Patching		
TONS	12.5 mm Asphalt		
EA	MH & WV Risers		
CY	GABC – Stab. Subgrade		
EA	Traffic Control Loop		
MILES	Striping (Paint)		
EA	Pavement Markings		
	(Arrows, thermoplastic)		
LF	Pavement markings		
	(Crosswalks, thermoplastic	c)	
EA	Pavement markings		
	(Stop bars, thermoplastic)	
LF	Pavement markings		
	(hatching, thermoplastic	:)	
MILES	Raised pavement marke	ers	
	TONS GAL SY TONS EA CY EA MILES EA LF EA LF	TONSMillingGALBituminous TackSYRoadway PatchingTONS12.5 mm AsphaltEAMH & WV RisersCYGABC – Stab. SubgradeEATraffic Control LoopMILESStriping (Paint)EAPavement Markings(Arrows, thermoplastic)LFPavement markings(Crosswalks, thermoplastic)LFPavement markings(Stop bars, thermoplastic)LFPavement markings(hatching, thermoplastic)	TONSMillingGALBituminous TackSYRoadway PatchingTONS12.5 mm AsphaltEAMH & WV RisersCYGABC – Stab. SubgradeEATraffic Control LoopMILESStriping (Paint)EAPavement Markings(Arrows, thermoplastic)

(Roadway Repair and Resurfacing)

Bid Schedule

The quantities listed are an approximate estimate of the materials required to complete the roadway repair and resurfacing projects:

PROJECT BID: (Milling, Patching and Resurfacing):

Additive Streets – Pinecrest Road

ltem	Unit Price	Total
Milling		
Bituminous Tack		
Roadway Patching		
12.5 mm Asphalt		
MH & WV Risers		
GABC – Stab. Subgi	rade	
Traffic Control Loo	р	
Striping (Paint)		
Pavement Marking	S	
(arrows, thermopla	astic)	
Pavement marking	S	
(Crosswalks, thermop	lastic)	
Pavement marking	S	
(Stop bars, thermop	lastic)	
Pavement marking	S	
(hatching, thermop	lastic)	
Raised pavement ma	arkers	
	Milling Bituminous Tack Roadway Patching 12.5 mm Asphalt MH & WV Risers GABC – Stab. Subge Traffic Control Loo Striping (Paint) Pavement Marking (arrows, thermopla Pavement marking (Crosswalks, thermop Pavement marking (Stop bars, thermop Pavement marking (hatching, thermop	MillingBituminous TackRoadway Patching12.5 mm AsphaltMH & WV RisersGABC – Stab. SubgradeTraffic Control Loop

(Roadway Repair and Resurfacing)

Bid Schedule

The quantities listed are an approximate estimate of the materials required to complete the roadway repair and resurfacing projects:

PROJECT BID: (Milling, Patching and Resurfacing):

Additive Streets – Saddle Run Court

<u>Quantity</u>	Unit	ltem	Unit Price	Total
604	TONS	Milling		
330	GAL	Bituminous Tack		
549	SY	Roadway Patching		
604	TONS	12.5 mm Asphalt		
10	EA	MH & WV Risers		
0	CY	GABC – Stab. Subgrade	e	
0	EA	Traffic Control Loop)	
0	MILES	Striping (Paint)		
0	EA	Pavement Markings	S	
		(Arrows, thermoplast	tic)	
0	LF	Pavement markings	5	
		(Crosswalks, thermopla	stic)	
1	EA	Pavement markings	5	
		(Stop bars, thermopla	istic)	
0	LF	Pavement markings	5	
		(Hatching, thermoplas	stic)	
0	MILES	Raised pavement mar	kers	
		Total Bid Price		

(Roadway Repair and Resurfacing) Bid Schedule

The quantities listed are an approximate estimate of the materials required to complete the roadway repair and resurfacing projects:

PROJECT BID: (Milling, Patching and Resurfacing):

Additive Streets – Timber Ridge Drive

Unit	Item	Unit Price	Total
TONS	Milling		
GAL	Bituminous Tack		
SY	Roadway Patching		
TONS	12.5 mm Asphalt		
EA	MH & WV Risers		
CY	GABC – Stab. Subgrad	de	
EA	Traffic Control Loop		
MILES	Striping (Paint)		
EA	Pavement Markings		
	(Arrows, thermoplastic	:)	
LF	Pavement markings		
	(Crosswalks, thermoplasti	ic)	
EA	Pavement markings		
	(Stop bars, thermoplast	ic)	
LF	Pavement markings		
	(hatching, thermoplast	:ic)	
MILES	Raised pavement mark	(ers	
	TONS GAL SY TONS EA CY EA MILES EA LF LF	TONSMillingGALBituminous TackSYRoadway PatchingTONS12.5 mm AsphaltEAMH & WV RisersCYGABC – Stab. SubgradEATraffic Control LoopMILESStriping (Paint)EAPavement MarkingsLFPavement markingsEAPavement markingsLFPavement markings	TONSMillingGALBituminous TackSYRoadway PatchingTONS12.5 mm AsphaltEAMH & WV RisersCYGABC – Stab. SubgradeEATraffic Control LoopMILESStriping (Paint)EAPavement Markings(Arrows, thermoplastic)