



We Are Columbia

**MEETING DATE:** October 18, 2016

**DEPARTMENT:** Procurement and Contracts

**FROM:** *Sandra Wright, Purchasing Agent*

**SUBJECT:** Council is asked to approve a Project for Asphalt Paving Repairs at Wildewood Downs Circle and Wildewood Point, as requested by the Utilities and Engineering Department. Award to Carolina Tap and Bore, Inc., a certified Local Business Enterprise in an amount not to exceed \$217,360.00. This firm is located in West Columbia, SC.

**FINANCIAL IMPACT:** Engineering-Paving & Asphalt Supplies, 5511706-623500-\$136,000.00 and Unforeseen Projects, 5529999-658650-WM432302. The original budgeted amount is \$217,360.00.

Sub-consulting services will be \$85,000.00 (39.1%) of the total contract value.

\$45,000.00 - InLine Paving Industries, LLC of Lexington, SC will provide asphalt paving services.

\$40,000.00 - North East BackFlow of Lugoff, SC will provide sub grade work & hauling services.

**ORIGINAL BUDGET:** \$217,360.00

**STRATEGIC GOALS:** Invest in Infrastructure

Two (2) bids were received for the Re-Bid of Wildewood Downs Circle and Wildewood Point Asphalt Paving Repairs (BID021-16-17-LRL) as requested by Utilities and Engineering. This project was not under the provisions of the MPP or SOP Program.

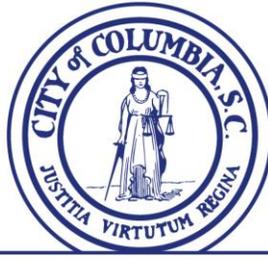
The total construction time allocated for this project is Fifteen (15) days after the notice to proceed is issued. I respectfully request City Council's approval of this service from Carolina Tap and Bore, Inc., a certified LBE, at an amount not to exceed \$217,360.00.

Carolina Tap and Bore Inc. is located in West Columbia, SC

Base Bid	\$197,600.00
Contingency	\$19,760.00
Total ( Not to Exceed )	\$217,360.00

**ATTACHMENTS:**

- Waterford downs\_final (PDF)
- Wildewood Downs CC information (PDF)



We Are Columbia

To: Teresa Wilson, City Manager  
From: Melissa Gentry, Assistant City Manager  
Date: 10/11/16  
Subject: WM432302 Recommend Approval to Award Project to Low Bidder

The City of Columbia experienced a waterline break in the Wildewood Downs Community in July of this year. The waterlines in this community are PVC material, which was acceptable at the time the community was developed; however, if constructed under the current specifications, the lines within the residential living community would be ductile iron pipe due to the system pressure in this area. Unfortunately, there is a history of waterline breaks in this area due to the high pressures. We have installed permanent blow-offs on the waterlines in this residential community that will help relieve high pressure points and help minimize the chances of future breaks.

As a result of the waterline break that occurred, there is a large section of pavement in need of repair. The City originally held the bid opening for this project on August 26th, however, no bids were received. The project was then rebid to extend the advertisement period in an effort to promote bidder participation. The second bid opening occurred on Sept 23, with only two bids being received.

There has been concern expressed with the difficulty in receiving bids but also the discrepancy between the engineering cost estimate (\$136,000) and the two bids (\$217,360 and \$242,440) that were received. Staff has performed a detailed cost analysis to evaluate the discrepancies between unit prices for each line item and quickly recognized those items that resulted in the bids being higher than estimated. They include the removal of existing asphalt, resurfacing cost, sediment and erosion control, pavement striping and traffic control cost.

City staff typically utilizes actual bid history from previous projects when determining a unit price to use for particular bid items. Doing so is most reliable when there are a multitude of projects similar in nature to help identify the average unit price for a particular item. The City rarely performs paving only work of this nature, therefore, the City does not have a vast amount of bid history with this type of work, subsequently, the City estimate was lower than any bids received for the project. In addition, this job in particular offers many unique challenges, in that it is located within a retirement community that presents tight working parameters in close proximity to residential structures, which also involves elevated observer interest as well as challenges with providing adequate access to all residential units while the job is being performed. It is also a small job, which typically results in higher unit prices than the City receives when compared to larger projects.



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There has been discussion of trying to hold off on this repair and rebid in attempts to cast a wider net to the contractor community outside of the surrounding region. That approach is not recommended since this repair is relatively small in nature and therefore is most attractive to local contractors who do not have to cover elevated mobilization and overhead costs due to travel expenses associated with working out of town. In addition, local contractors likely have a lower unit price from local asphalt suppliers since they do more volume of work within this area than out of town contractors.

Recommend approval to move forward with award of the project to Carolina Tap and Bore, the low bidder in the amount of \$217,360. This project will be funded using the Unforeseen Project CIP identified and budgeted each year in the CIP for unforeseen conditions that occur throughout the year such as line breaks.

**Bid Tabulation Report**  
**BID021-16-17-LRL: Wildewood Downs Paving (WM4382) REBID**  
**Friday, September 23, 2016**

Item #	Product Code	Product Description	Quantity	Unit Price	Extended
<b>Bidder ID: B001912 - Carolina Tap and Bore Inc.</b>					
2430 Morningside Dr. West Columbia, SC 29169-			NonCollusion Stmt: I Agree NONCOLLUSION AFFIDVT: N Local Bus Preference: No ADDENDUMS: N BIDDING DOCUMENTS: Yes AMENDMENT: N Certified Local Vendor: N		
1	91396	Wildewood Downs Paving (WM4382) REBID As per described speci	1.00	197,600.00	197,600.00
<b>Total Carolina Tap and Bore Inc.</b>					<b>197,600.00</b>
 <b>Bidder ID: B002064 - G.H. Smith Construction, Inc.</b>					
430 Shuler Court Columbia, SC 29212-			NonCollusion Stmt: I Agree NONCOLLUSION AFFIDVT: Y Local Bus Preference: Yes ADDENDUMS: Y BIDDING DOCUMENTS: Yes AMENDMENT: Y Certified Local Vendor: N		
1	91396	Wildewood Downs Paving (WM4382) REBID As per described speci	1.00	220,400.00	220,400.00
<b>Total G.H. Smith Construction, Inc.</b>					<b>220,400.00</b>

*Note: The bid tabulation above may reflect the apparent low bidder; however an evaluation will be done to determine if the bid meets all bid requirements before an award is made.*

**Bid#021-16-17-LRL Wildewood Downs Paving (WM4382) REBID**

**Business Information Records**

The Bidder shall list all subcontractors and vendors, who will be providing subcontracting services, furnishing materials, etc for this project. The list shall be submitted in the format provided below. Any proposed changes from the list shall be submitted in writing to the Owner prior to initiation of any action, with the reason for the proposed changes.

<b>Business Name Address</b>	<b>Contact Name Telephone</b>	<b>Services/Materials to be Provided</b>	<b>Cost of Services/Mat (\$ Value)</b>	<b>SOP DBE, DVBE</b>	<b>MPP MBE, WBE, SBE</b>
In Line Paving Industries, LLC 161 Church View Court Lexington, SC 29073	803-996-0565 Bruce	Asphalt Paving	\$45,000.00		OBE
North East Backflow 1138 Otis Richardson Rd Lugoff, SC 29078	803-309-0841 Tony Campbell	Sub Grade Work & Hauling	\$40,000.00		WBE

TOTAL: \$ 85,000.00  
 Carolina Tap & Bore, Inc

Contractor \_\_\_\_\_  
 By Richard Gunn

I certify this information is true and correct.

**Form 710**



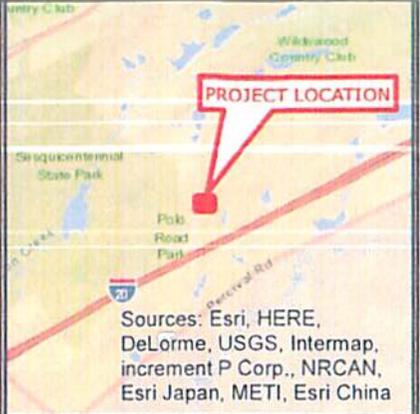
**BID ITEM #1**  
MILL APPROX 300 SY OF ASPH PVMT  
(FULL DEPTH). REPAIR BASE WITH  
FLOWABLE FILL AS REQUIRED.

**BID ITEM #2**  
RESURFACE ROADWAY 12" THICK WITH  
6" OF INTERMEDIATE COURSE TYPE B. 6"  
OF SURFACE COURSE TYPE B. IN 2" LIFTS  
(300 SY)

**BID ITEM #4**  
RESURFACE WITH 10" OF  
ASPHALT PAVEMENT WITH  
6" OF INTERMEDIATE  
SCDOT TYPE B AND 4" OF  
ASPHALT SURFACE COURSE  
TYPE B (2" LIFTS)

**BID ITEM #9**  
THERMOPLASTIC STOP BAR AND STOP  
LETTERING MARKINGS TO MATCH EXISTING

**BID ITEM #3**  
REMOVE ASPHALT & REGRADE ROAD  
SUBGRADE TO MEET MINIMUM SPECS.  
(600 sy)



*Bid#021-16-17-LAL*  
*The Re-Bid*

**ASPHALT ROAD REPAIR**

WM 4382  
WILDEWOOD DOWNS CIRCLE  
COLUMBIA, SOUTH CAROLINA

ALL WORK AND TRAFFIC CONTROL  
SHALL MEET ALL SC DOT STANDARD  
SPECIFICATIONS AND CONSTRUCTION  
DETAILS

- Legend**
- RESURFACE ASPHALT
  - REMOVE ASPHALT



1 inch = 50 feet



**CITY OF COLUMBIA  
UTILITIES & ENGINEERING**

This map was prepared by:  
*Indruthledge*  
City of Columbia - Engineering Division



On 20/01/2012, JAMES ALLEN, SA, (1945)  
 5, DE HILLSIDE DRIVE, LAKE TULLA  
 MERRIMACK, SOUTH AUST. 3700, PH 08  
 835 1234, FAX 08 835 1235

NOTE: THIS ROAD IS A STATE ROAD AND IS  
 MAINTAINED BY THE STATE GOVERNMENT.  
 THE ROAD IS 10 METERS WIDE AND IS  
 SURFED WITH GRAVEL.

STATE ROAD 10



Map of the area, 1:25,000 scale

ROADS DEPARTMENT

1985

COLUMBIA SOUTH COAST HWY

SECTION 1, 100 METERS WIDE  
 AT THE POINT OF THE ROAD  
 CROSSING THE RIVER AT THE  
 POINT OF THE ROAD CROSSING  
 THE RIVER AT THE POINT OF  
 THE ROAD CROSSING THE RIVER

Notes:

1. ROAD CROSSING IS 100 METERS WIDE

2. ROAD CROSSING IS 100 METERS WIDE

3

1:25,000 scale

ROADS DEPARTMENT  
 1985

Map of the area, 1:25,000 scale