



City of High Point

Municipal Office Building
211 S. Hamilton Street
High Point, NC 27260

Meeting Agenda

Finance Committee

Britt Moore, Chair
Committee Members:
Monica Peters
Michael Holmes
Tim Andrew

Cyril Jefferson, Mayor (Alternate)
Michael Holmes, Mayor Pro Tem (Alternate)

Wednesday, January 10, 2024

4:00 PM

3rd Floor Council Chambers

FINANCE COMMITTEE - Britt W. Moore, Chair

CALL TO ORDER

PRESENTATION OF ITEMS

1. [2023-581](#) Consideration of a Contract with Breece Enterprises, Inc.
City Council is requested to approve a contract with Breece Enterprises, Inc. in the amount of \$530,000.00 for the Water Valve Replacement Project and authorize the appropriate City Official(s) to execute all necessary documents.
Attachments: [Contract - Breece Enterprises, Inc.](#)
2. [2024-008](#) Consideration of a Contract with Withers Ravenel for a Pavement Condition Survey
City Council is requested to approve a contract with Withers Ravenel in the amount of \$104,000.00 for a Pavement Condition Survey and authorize the appropriate City Official(s) to execute all necessary documents.
Attachments: [Contract - Withers Ravenel](#)
3. [2024-001](#) Consideration of a Bid Award to Wesco, Inc.
City Council is requested to award a bid to Wesco, Inc. in the amount of \$1,153,647.96 for steel poles to build a 110kV Transmission line from Penny Station to Deep River Substation and authorize the appropriate City Official(s) to execute all necessary documents.
Attachments: [Bid Award - Wesco, Inc.](#)
4. [2024-002](#) Consideration of a Service Agreement with Constant Technologies, Inc.
City Council is requested to authorize a service agreement with Constant Technologies, Inc. for AV & Furniture in the amount of \$422,467.43 and authorize the appropriate City Official(s) to execute all necessary

documents.

Attachments: [Service Agreement - Constant Technologies, Inc.](#)

5. [2024-004](#) Consideration of the Purchase of Light-Duty Tires from Colony Tire
City Council is requested to approve the purchase of light-duty tires from Colony Tire through the NC State Contract#7517-A in the amount of approximately \$135,000 per year and authorize the appropriate City Official(s) to execute all necessary documents.
Attachments: [State Contract - Colony Tire](#)

6. [2024-005](#) Consideration of the Purchase of Heavy-Duty Tires from McCarthy Tire
City Council is requested to approve the purchase of heavy-duty tires from McCarthy Tire through the NC State Contract#7517-A in the amount of approximately \$125,000 per year and authorize the appropriate City Official(s) to execute all necessary documents.
Attachments: [State Contract - McCarthy Tire](#)

7. [2024-006](#) Consideration of Change Order #2 for the Washington Street Realignment Project
City Council is requested to approve change order #2 for \$205,047.00 to increase the contract amount with Baker Underground, Inc. from \$2,991,540.00 to the amount of \$3,196,587.00, approve the new contract completion date of June 10, 2024, and authorize the appropriate City Official(s) to execute all necessary documents.
Attachments: [Washington St Change Order 02](#)

ADJOURNMENT



City of High Point

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Master

File Number: 2023-581

File ID: 2023-581

Type: Miscellaneous Item

Status: To Be Introduced

Version: 1

Reference:

In Control: Finance Committee

File Created: 12/19/2023

File Name:

Final Action:

Title: Consideration of a Contract with Breece Enterprises, Inc.
City Council is requested to approve a contract with Breece Enterprises, Inc. in the amount of \$530,000.00 for the Water Valve Replacement Project and authorize the appropriate City Official(s) to execute all necessary documents.

Notes:

Sponsors:

Enactment Date:

Attachments: Contract - Breece Enterprises, Inc.

Enactment Number:

Contact Name:

Hearing Date:

Drafter Name: dona.turner@highpointnc.gov

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
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CITY OF HIGH POINT
AGENDA ITEM



TITLE: Water Valve Replacement Project, Bid Number 16-121323	
FROM: Robby Stone – Public Services Director Derrick Boone – Asst. Public Services Director	MEETING DATE: January 16, 2024
PUBLIC HEARING: No	ADVERTISED DATE/BY: November 3, 2023, by City of High Point Purchasing Div.
ATTACHMENTS: Attachment A – Bid Tabulations Attachment B - Recommendation Form	

PURPOSE: To contract with Breece Enterprises Inc. for the Water Valve Replacement Project, Bid Number 16-121323.

BACKGROUND: The W/S Mains Division repairs / replaces water valves in the water distribution system that are identified as in-operable. A total of 13 water valves have been identified that will be replaced under this contract. Broken water valves make it difficult to isolate the water main when a main break occurs. The water valves identified to be replaced under this contract are either very large or are in high traffic areas. The new water valves range in size from six inch to sixteen inch.

A summary of water valve quantities and sizes are listed below:

- 6 – inch 1 each
- 10 – inch 1 each
- 12 – inch 7 each
- 16 – inch 4 each

Work will consist of furnishing personnel, equipment, materials, traffic control, and tools necessary to complete the work. The contractor will have 120 days to complete this work once the Notice to Proceed is issued. Many of the valves will need to be replaced after normal business hours so local businesses aren't impacted.

Bids were opened on December 13, 2023. A total of three (3) bids were received and Breece Enterprises Inc. was the lowest responsible bidder. The total bid price was \$530,00.00.

BUDGET IMPACT: Funding is available in the FY 2023-2024 budget.

RECOMMENDATION/ACTION REQUESTED: The Public Services Department recommends approval of the contract, and that the appropriate City official and/or employee be authorized to execute all necessary documents to award the project to Breece Enterprises, Inc. in the amount of \$530,000.00.



Example of broken water valves



**WATER VALVE REPLACEMENT PROJECT
 Bid Tabulations - December 13, 2023
 Bid Number 16-121323**

Line	Description	Units	Quantity	Breece Enterprises, Inc.		Mid-Atlantic Infrastructure Systems, Inc.		Hamlett Associates, Inc. (see Note 1)	
				Estimated Unit Price	Total	Unit Price	Total	Unit Price	Total
1	Mobilization	10	EA	\$100.00	\$1,000.00	\$2,500.00	\$25,000.00	\$4,691.55	\$46,915.50
2	Sheet 1	1	LS	\$52,000.00	\$52,000.00	\$74,560.00	\$74,560.00	\$110,865.45	\$110,865.45
3	Sheet 2	1	LS	\$90,000.00	\$90,000.00	\$168,230.00	\$168,230.00	\$195,065.45	\$195,065.45
4	Sheet 3	1	LS	\$59,000.00	\$59,000.00	\$44,280.00	\$44,280.00	\$75,515.45	\$75,515.45
5	Sheet 4	1	LS	\$47,000.00	\$47,000.00	\$60,830.00	\$60,830.00	\$83,165.45	\$83,165.45
6	Sheet 5	1	LS	\$35,000.00	\$35,000.00	\$52,720.00	\$52,720.00	\$53,165.45	\$53,165.45
7	Sheet 6	1	LS	\$32,000.00	\$32,000.00	\$42,820.00	\$42,820.00	\$56,615.45	\$56,615.45
8	Sheet 7	1	LS	\$32,000.00	\$32,000.00	\$43,410.00	\$43,410.00	\$56,615.45	\$56,615.45
9	Sheet 8	1	LS	\$32,000.00	\$32,000.00	\$43,270.00	\$43,270.00	\$46,315.45	\$46,315.45
10	Sheet 9	1	LS	\$82,000.00	\$82,000.00	\$163,420.00	\$163,420.00	\$170,715.45	\$170,715.45
11	Sheet 10	1	LS	\$33,000.00	\$33,000.00	\$49,840.00	\$49,840.00	\$56,615.45	\$56,615.45
40	~7% Owners Allowance (Contingency)	1	LS	\$35,000.00	\$35,000.00	\$35,000.00	\$35,000.00	\$35,000.00	\$35,000.00
				Total	\$530,000.00	Total	\$803,380.00	Total	\$986,570.00 (see Note 1)

Notes:
 1. Hamlett Associates Inc. bid tab mobilization price contains math errors totalling 5 cents. The Mobilization Unit Price was bid as \$4,691.55. The Mobilization Total Price was bid as \$46,915.00.
 The Total bid price was bid as \$986,569.95.

BID RECOMMENDATION

DEPARTMENT:

COUNCIL AGENDA DATE:

BID NO.: CONTRACT NO.: DATE OPEN:

DESCRIPTION:

PURPOSE:

COMMENTS:

RECOMMEND AWARD TO: AMOUNT:

JUSTIFICATION:

ACCOUNTING UNIT	ACCOUNT	ACTIVITY	CATEGORY	BUDGETED AMOUNT
421779	533701	421241035505	40202	\$530,000.00
TOTAL BUDGETED AMOUNT				\$530,000.00

DEPARTMENT HEAD: Digitally signed by Robby Stone Date: 2023.12.19 09:25:55 -05'00' DATE:

The Purchasing Division concurs with recommendation submitted by the and recommends award to the lowest responsible, responsive bidder in the amount of

PURCHASING MANAGER: Digitally signed by Candy E. Harmon Date: 2024.01.03 08:44:08 -05'00' DATE:

Approved for Submission to Council

FINANCIAL SERVICES DIRECTOR: Digitally signed by Bobby Fitzjohn Date: 2024.01.03 09:08:14 -05'00' DATE:

CITY MANAGER: DATE:

(For City Council Approval Only)



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File Number: 2024-008

File ID: 2024-008

Type: Miscellaneous Item

Status: To Be Introduced

Version: 1

Reference:

In Control: Finance Committee

File Created: 01/11/2024

File Name:

Final Action:

Title: Consideration of a Contract with Withers Ravenel for a Pavement Condition Survey
City Council is requested to approve a contract with Withers Ravenel in the amount of \$104,000.00 for a Pavement Condition Survey and authorize the appropriate City Official(s) to execute all necessary documents.

Notes:

Sponsors:

Enactment Date:

Attachments: Contract - Withers Ravenel

Enactment Number:

Contact Name:

Hearing Date:

Drafter Name: tammie.dodd@highpointnc.gov

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:

CITY OF HIGH POINT

AGENDA ITEM



TITLE: City of High Point 2024 Pavement Condition Survey (PCS)	
FROM: Robby Stone, Public Services Director Derrick Boone, Asst. Public Service Director	MEETING DATE: January 16, 2024
PUBLIC HEARING: N/A	ADVERTISED DATE/BY: N/A
ATTACHMENTS: Attachment A – Sample Pavement Condition Rating Attachment B – Agreement for Professional Services – Task Order No. 2 Attachment C – Recommendation Form	

PURPOSE: A major component of the City’s program for maintaining asphalt across jurisdictional streets is the regular evaluation of surface conditions. The Pavement Condition Survey provides an efficient means of allocating funds for street repairs and repaving contracts.

BACKGROUND: Every three years, the Street Maintenance Division contracts with a private firm to provide an evaluation of the condition of High Point streets. The last survey was conducted in 2021. This includes riding each street segment to determine the severity and extent of distress categories used to determine the condition of the roadway network. The City owns and maintains approximately 451 centerline miles of roads to be included in the Pavement Condition Survey (PCS) project.

Withers Ravenel was selected as the on-call consultant firm for performing the PCS and submittal of reports due to previous experience and involvement with the past PCS.

BUDGET IMPACT: Funding is available in the FY 2023-2024 budget.

RECOMMENDATION/ACTION REQUESTED: The Public Services Department recommends approval of the contract and that the appropriate City official and/or employee be authorized to execute all necessary documents to award the contract to Withers Ravenel for \$104,000.00.



Sample Pavement Condition Rating

STREET	TP	BEG_DESC	END_DESC	Length	P	L	CL	WI	C	CT	TR	FC	TC	BC	PP	SD	RR	RC	PCI
ABBNEYWOOD	PL	VANHOE LN	WINDSTREAM WY	460.726778	P	2	A	26	2	STD	N	High/5-10	Medium/Medium	Medium/10-25	High/10-25	Medium/Extreme	Medium/Low	None	62.088889
ABBNEYWOOD	PL	DEAD END	VANHOE LN	288.429135	P	2	A	26	2	STD	N	Medium/5-10	Medium/Medium	Medium/10-25	High/5-10	Medium/Extreme	None	None	65.861111
ABBIE	AV	ROGAR ST	DEAD END	562.876489	P	2	A	28	2	STD	N	Medium/10-25	High/High	None	None	Medium/Extreme	None	None	55.25
ABBIE	AV	BAKER RD	ROGAR ST	633.673836	P	2	A	28	2	STD	N	High/5-10	Medium/Extreme	Medium/0-5	High/0-5	Medium/Extreme	None	None	63.211111
ABERDARE	DR	CARDIFF LN	SKEET CLUB RD	908.128167	P	2	A	22	0	N	N	Medium/0-5	Low/High	None	None	Low/Extreme	None	None	81.916667
ABERDARE	DR	DEAD END	CARDIFF LN	434.464573	P	2	A	22	0	N	N	None	Medium/Medium	None	None	Low/Extreme	None	None	81.833333
ABERDEEN	RD	HILLSIDE DR	DEAD END	368.506827	P	2	B	28	2	STD	N	Medium/0-5	None	None	None	Medium/Extreme	None	None	68.75
ABERDEEN	RD	IMPERIAL DR	LANGDALE DR	886.806463	P	2	B	20	0	N	N	None	None	None	None	Low/Extreme	None	None	83
ABERDEEN	RD	GREENHILL DR	IMPERIAL DR	668.426225	P	2	B	20	0	N	N	None	None	None	None	Low/Extreme	None	None	83
ABERDEEN	RD	HILLSIDE DR	SHADYBROOK RD	558.792268	P	2	B	22	0	N	N	None	None	None	None	Low/Extreme	None	None	83
ABERDEEN	RD	BEVERLY HILLS D	HILLSIDE DR	436.542111	P	2	B	22	0	N	N	None	None	None	None	Low/Extreme	None	None	83
ABERDEEN	RD	BENTBROOK DR	BEVERLY HILLS DR	391.553232	P	2	B	22	0	N	N	None	Low/Low	None	None	Low/Extreme	None	None	82.75
ABERDEEN	RD	IVEY LN	BENTBROOK DR	1582.671178	P	2	B	20	0	N	N	None	None	None	None	Low/Extreme	None	None	83
ABERDEEN	RD	JOHNSON ST	IVEY LN	657.529405	P	2	B	22	0	N	N	None	None	None	None	Low/Extreme	None	None	83
ACADEMY	ST	ELLIOTT PL	LINCOLN DR	489.61037	P	2	A	17	0	N	N	Medium/0-5	Low/Low	None	Medium/0-5	Low/Extreme	None	None	82.458333
ACADEMY	ST	POTTS AV	ELLIOTT PL	381.11588	P	2	A	17	0	N	N	High/0-5	Medium/High	None	High/0-5	High/Extreme	None	None	50.694444
ADAMS	ST	KENNEDY AV	ALLRED PL	1210.596283	P	2	A	22	2	VER	N	None	None	Medium/50-75	High/0-5	Medium/Extreme	None	None	50.083333
ADAMS	ST	BARKER AV	KENNEDY AV	689.184363	P	2	A	22	2	VER	N	High/0-5	None	Medium/25-50	High/5-10	Medium/High	None	None	62.861111
ADMIRAL	DR	TINSLEY DR	SAMET DR	1075.274327	P	2	B	36	2	STD	N	High/5-10	Medium/High	None	High/0-5	Low/Extreme	None	None	71.444444
AGNES	ST	DEAD END	JEANETTE AV	686.088045	P	2	A	28	2	STD	N	Medium/10-25	Medium/Extreme	None	High/0-5	High/Extreme	None	None	49.833333
AKELA	TR	DRAY CT	JAMESFORD DR	415.264423	P	2	A	36	2	STD	N	Low/5-10	Medium/Medium	Medium/25-50	None	Low/Extreme	None	None	63.638889
AKELA	TR	CAMP RANGER L	DRAY CT	635.02135	P	2	A	28	2	STD	N	Medium/10-25	Medium/Medium	Medium/25-50	High/0-5	Low/Extreme	None	None	62.522222
AKELA	TR	WESTON PL	CAMP RANGER LN	1330.698221	P	2	A	20	0	N	N	Medium/5-10	Low/Medium	Medium/0-5	None	Low/Extreme	None	None	81.75
AKELA	TR	GUILFORD COLLE	WESTON PL	1194.493135	P	2	A	20	0	N	N	Medium/5-10	Low/Low	Medium/5-10	None	Low/Extreme	None	None	81.652778
AKERS	CT	DEAD END	FAIRFIELD RD	1234.544546	P	2	A	23	0	N	N	Low/0-5	None	None	None	Low/Medium	None	None	91.916667
ALAMAR	DR	PHILLY LN	HARNESS LN	335.831213	P	2	A	22	2	STD	N	Medium/10-25	Medium/High	None	None	Low/Extreme	None	None	71.305556
ALAMAR	DR	BRIDLE CT	PHILLY LN	789.583624	P	2	A	22	2	STD	N	Medium/25-50	Low/High	None	None	Low/Extreme	None	None	57.972222
ALAMAR	DR	BAME RD	BRIDLE CT	210.63791	P	2	A	22	2	STD	N	Medium/10-25	Medium/Medium	None	None	Low/Extreme	None	None	76.805556
ALAMAR	CT	DEAD END	ALAMAR DR	250.236278	P	2	A	22	2	STD	N	Medium/5-10	Medium/Medium	None	None	Low/Extreme	None	None	81.277778
ALAMOSA	DR	WELLFLEET DR	DANDELION DR	529.020745	P	2	A	22	2	STD	N	Low/0-5	Low/Low	Medium/0-5	None	Low/Extreme	None	None	82.597222
ALAMOSA	DR	DEEP RIVER RD	WELLFLEET DR	221.195828	P	2	A	26	2	STD	N	Low/10-25	Low/Low	None	None	Low/Extreme	None	None	82
ALBERT	AV	BRADSHAW ST	W ENGLISH RD	364.76471	P	2	A	18	0	N	N	High/50-75	None	None	None	High/Extreme	None	None	19.166667
ALBERT	AV	DEAD END	BRADSHAW ST	109.166929	P	2	A	18	0	N	N	High/25-50	High/High	None	None	Medium/Extreme	None	None	37.861111
ALBERT	AV	W ENGLISH RD	EDGEWORTH ST	507.625819	P	2	A	20	0	N	N	None	Medium/Medium	None	None	Medium/Extreme	None	None	67.833333

November 21, 2023

Mr. Justin Gray
Public Services Manager
City of High Point
211 S. Hamilton Street, Suite 206
High Point, NC 27261

**RE: Agreement for Professional Services – Task Order No. 2
High Point 2024 Pavement Condition Survey (PCS)
High Point, North Carolina
WR Project No. 23-0033-001**

Dear Mr. Gray,

WithersRavenel is pleased to submit this Task Order No. 2 for executing a City-wide Pavement Condition Survey (PCS) for 2024. Pavement management is an important function of Public Works from an aesthetics aspect as well as maintaining the roadway network. In addition, being efficient in allocating funds for street repairs and repaving contracts is a necessity but is sometimes difficult due to the variables involved. Performing a PCS provides an opportunity for an unbiased perspective of the street system as a whole and allows that allocation of funding to be applied objectively.

We appreciate the opportunity to submit on this next step in your City-wide street system management plan and we look forward to hearing back from you and your staff on the future of this project. Please feel free to call me at 336.215.5521 or email at slander@withersravenel.com with any questions and/or to discuss any aspect of the attached agreement.

Sincerely,

WithersRavenel



Steve Lander, P.E.
Director of Pavement Management

Attachment:

Task Order No. 2 for Professional Services

High Point, North Carolina 2024 Pavement Condition Survey (PCS) Task Order No. 2 Agreement for Professional Services

A. Preliminary Matters

(This Task Order is hereby included as an addition to and incorporated as part of the On-Call Services Agreement for professional services, between the City of High Point (Client) and WithersRavenel, Inc. (Consultant) effective April 1, 2023.

B. Project Description

This fee agreement is intended to provide the scope of services and associated fees to provide consulting services per request of the City of High Point and formalize an agreement for the implementation and logistics for these services.

For Task 1, WithersRavenel will provide a Pavement Condition Survey (PCS) of the City of High Point's streets. The purpose of the survey is to assess the overall condition of City maintained roadway segments for the Project. This includes riding each street segment following a nationally recognized distress identification manual to determine the severity and extent of seven distresses used to determine the condition of each segment and the entire roadway network. The City owns and maintains approximately 451 centerline miles of roads to be included in the Pavement Condition Survey (PCS) project. A report will also be provided that describes methodologies, procedures, and recommendations that will be explained at an online deliverables meeting.

This scope of services will include subtasks as shown in the Scope of Services below.

For the purposes of this proposal and any subsequent agreements the following references shall apply: City of High Point shall be known as the "City" or "Client"; WithersRavenel shall be known as the "Consultant" or "WR"; the property and overall project shall be known as the "Project"; the executed version of this proposal shall be known as the "Agreement".

C. Timeline for Services

Consultant will begin work upon receipt of executed Agreement and written Notice to Proceed (NTP) from the Client. Estimated timeframe for the basis of the services described in the Scope of Services will be four (4) months from the date of the pre-survey meeting that kicks off the project.

1. The estimated timeframe may be impacted by, among other things:
 - a. Unexpected field conditions;
 - b. Timeliness and additional permit and/or plan reviews of review agencies;
 - c. Timeliness and accuracy of information provided by the Client and Client consultants;
 - d. Developments beyond Consultant's control (including weather delays).
2. If available, opportunities to adjust this estimated timeframe can be discussed. Implementation of agreed-upon adjustments may result in adjustments to Consultant fees.

D. Scope of Services

Consultant shall provide the services identified under each task below as its “Basic Services” under the Agreement.

Task 1 - Pavement Condition Survey & Report

1.1. Pre-Survey/Needs Analysis Meeting

Upon issuance of a NTP to WR, WR will host an online Pre-Survey (kick-off) meeting with the City Staff to ascertain the extent of the roadway segments to be completed (up to 451 miles) and additional parameters/considerations that should be made by WR during the PCS. At the pre-survey meeting, procedural guidelines and specific project requirements will be discussed with the City. The City will provide a list of streets, the latest City Powell Bill map, and the latest GIS files to be analyzed prior to this meeting. The GIS files should contain basic street inventory data which includes direction, street name, street type, begin and end descriptions, segment length, width, number of lanes, and pavement type. It is assumed that the list of streets and GIS files will match the City Powell Bill map and street listing of City maintained streets.

1.2. Project Administration

The GIS data provided by the City will be imported into the data collection software. Prior to going out into the field, WR will spot check the GIS data against the City Powell Bill map to assess whether ownership information is correct for checked road segments and whether it is believed that all City streets are included.

Ownership issues uncovered by WR will be addressed with the Client prior to data collection. Along with project coordination, this task will also include office administration time to set-up and prepare maps and formats to be utilized on this project.

1.3. Street Segment Area Adjustments (Cul-De-Sacs & Turn Lanes)

At a network level, WithersRavenel will adjust the areas for the street segments with cul-de-sacs and turn lanes. During the PCS data collection, WithersRavenel will indicate the presence of cul-de-sacs and the number of turn lanes. For cul-de-sacs, the segment area will be adjusted by a typical cul-de-sac area. The turn lane areas will be measured from aerial photograph or Google Earth™. In both cases the area determined from length times width will be adjusted by the typical area and the measured area, respectively. Please note that these areas are being determined at a network level and will get the City closer to actual areas and do not replace the project level areas to be determined by measurements in the field.

1.4. Data Collection

WithersRavenel will perform a visual PCS or windshield survey which is linked to the City's GIS centerline database of identified asphalt pavement street segments within the City and owned/maintained by the City (up to 451 centerline miles). This will involve riding each segment and observing and quantifying three levels of severity (Low, Medium, and High) and various levels of extent for each pavement distress. WR will follow the Long-Term Pavement Performance (LTPP) distress definitions for the City's PCS. The 7 distresses that will be collected include:

- ▶ Fatigue Cracking (FC – structural cracking)
- ▶ Transverse Cracking (TC)

- ▶ Block Cracking (BC)
- ▶ Patching and Potholes (PC)
- ▶ Surface Defects (Raveling) (SD)
- ▶ Rutting and Roughness (RR)
- ▶ Reflective Cracking (RC)

Since obtaining accurate PCS data is a crucial first step in managing an effective pavement management program, WR is painstaking in providing the highest quality data. WR's PCS services will provide the following:

- ▶ An experienced two-person rating crew and company vehicle.
- ▶ **Rater Communication Protocol** – For each street segment, both raters weigh in as to the observed severity and extent for all distresses. If they are not in total agreement, they turn around and ride the segment until they reach an agreement. At the end of each segment, the rater operating the computer reads back the distresses to the rater driving. Both must agree with the input before hitting enter and recording the data.
- ▶ **An ArcGIS Field Application with GPS** – The ArcGIS field application ensures accurate data entry with prepopulated pulldowns while the GPS unit ensures recording the correct data on the correct street segment.
- ▶ **On-the-Fly Field Application PCI Calculation** – The ArcGIS field application used for the PCS calculates the Pavement Condition Index (PCI) as distresses are being recorded. By knowing the PCI on-the-fly, WR raters can gauge whether the PCI matches the true condition of the street segment. For instance, if a street has very few low severity distresses and is rated with a PCI score of 60, then it is apparent that something has been recorded incorrectly and should be corrected. Also, if there is PCI data from the last PCS, raters can compare the new PCI with the old as a benchmark. Knowing this information minimizes data entry mistakes which ensures the highest quality of data.

After post processing the PCS data from the field, a weighted average PCI by lane miles will be produced for the entire roadway network as a general health indicator for inclusion in the report.

1.5. Report

For the Pavement Condition Survey Report services, WR will provide the following digital deliverables:

- ▶ A Pavement Condition Survey Report containing the survey findings. This report will provide summary tables containing recommended maintenance activities and opinions of probable construction costs by activity based on unit maintenance costs to be supplied by the Client;
- ▶ Recommendations for broadening the maintenance toolbox;
- ▶ An alphabetical and PCI street listing;
- ▶ A PowerPoint slideshow of the PCS findings;
- ▶ A City street map with PCI condition ranges in PDF format;
- ▶ A final GIS geodatabase in ESRI compatible format containing pavement condition inventory data, PCI data, recommended maintenance activities and cost information for the City's records.

WR will present the findings of the PCS Report in a Deliverables Meeting online. At this meeting, WR will review the findings and discuss the next steps in the pavement management program.

E. Designated Representatives

The designated representatives of the Owner and WithersRavenel for this Task Order shall be as follows:

For the Owner:

Primary Contact Person:..... Justin Gray
 Title:..... Public Services Manager
 Telephone Number - Office:.....(336) 883-3455
 E-mail Address..... justin.gray@highpointnc.gov

The City’s primary contact person shall have complete authority to transmit instructions, receive information, interpret, and define the City’s policies and decisions with respect to materials, equipment, elements, and systems pertinent to the pavement management program.

For the Consultant Engineer:

Primary Contact Person.....Steve Lander, P.E.
 Title:..... Director of Pavement Management
 Telephone Number – Cell(336) 215-5521
 E-mail Address..... slander@withersravenel.com

F. Exclusions / Additional Services

Services that are not included in the Scope of Services or are specifically excluded from this Agreement (see below) shall be considered Additional Services if those services can be performed by Consultant and its agents, and if requested in writing by the Client and accepted by Consultant. Additional services shall be paid by the Client in accordance with the Fee & Expense Schedule at the time of additional services contracting. The exclusions are described below but are not limited to the following:

Project Management

- ▶ Additional Meetings/Site Visits;
- ▶ Adjacent property owner discussions;
- ▶ Neighborhood meetings;
- ▶ Attendance at formal regulatory meetings unless noted above;

Services by Others

- ▶ Geotechnical services;
- ▶ Structural Services;
- ▶ Pavement Testing Services

Geomatics Services (including survey)

Environmental Services

Design Services

Documents/Drawings

- ▶ Conceptual Drawings;
- ▶ Construction Drawings;
- ▶ Technical specifications;

- ▶ Contract documents;

Permitting Services

Services During Construction

General

- ▶ Survey/Data Collection and Reports associated with any additional streets/roadway segments that were not included in the listing by the City and agreed by WR during the pre-survey meeting with City staff at the start of the Project;
- ▶ Modifying GIS street segmentation or manually joining data from other sources.
- ▶ NCDOT or Private Roadways are not included in this scope of Services;
- ▶ Providing additional reporting other than the Alphabetical and Numerical PCI and color-coded map of the results;
- ▶ Destructive or non-destructive material testing procedures;
- ▶ Any work previously provided in other proposals;
- ▶ Unless otherwise included in the Consulting services, evaluation of current practices, policies, procedures, or personnel for the purposes of performance or other improvements;
- ▶ Predictive modeling software;
- ▶ Any other services not specifically listed within Section C.

The above list is not all inclusive and the Scope of Services defines the services to be provided by WithersRavenel for this project.

Both parties agree that certain tasks, e.g., reviews and approvals, are performed by governmental agencies and that all parties have limited influence on these agencies to meet the prescribed deadlines and that neither party is responsible for delays caused by governmental agencies.

G. Client Responsibilities

The following items will be provided by the Client and WithersRavenel will rely upon the accuracy and completeness of this information:

Pavement Condition Survey

- ▶ Prior to WR beginning work provide full information as to its requirements and scope for the Project;
- ▶ Prior to WR beginning work assist WR by placing at its disposal all available information pertinent to the Project, including previous Powell Bill maps, Powell Bill Street list, old drawings, maintenance records and any other data relative to the scope of the Project;
- ▶ Prior to WR beginning work provide unit costs from previous maintenance contracts. In the case where the City does not have historical data or costs for maintenance activities used in the past, WR will make assumptions. Unit costs developed by WR from local prevailing rates are approximate only. Opinions of costs are approximate only and can fluctuate due to many factors such as size of project, time of year, cost of raw materials, and number of bidders to name a few.
- ▶ Prior to WR beginning work the GIS files should be provided and contain basic street inventory data which includes direction, street name, street type, begin and end descriptions, segment length, width, number of lanes, and pavement type.
 - The GIS files shall be import-ready, containing the proper street segmentation, and associated data to be imported. Information that is provided in spreadsheet format,

in addition to the GIS data, shall have a common unique identifier to both the spreadsheet and GIS files for joining purposes. If street segmentation modifications or manual joins are necessary for the GIS or spreadsheet data, an additional fee will be required.

- ▶ Give prompt written notice to WR whenever the City observes or otherwise becomes aware of any defect in the Project, request additional scope or timing of WithersRavenel’s services;
- ▶ Provide access to all the streets requested to be surveyed including ensuring street segments are open to vehicular travel at the timing of the condition field survey. Street segments may be excluded if access is not available to WR for the survey at the time of the field visit.

H. Expenses

WithersRavenel does not expect any expenses related to this project. Should expenses arise, they will be verified with the City for approval on an as needed basis.

I. Compensation for Services

WR proposes to provide the services outlined in Section C on a lump sum basis with fees as shown below. Additional services required outside the Scope of Services in Section C and reimbursable expenses will be billed on a Time and Material basis in accordance with Exhibit I.

Task Number	Task Name	Fee
Task 1	Pavement Condition Survey (PCS) & Report	\$104,400
Total		\$104,400

1. Invoices will be based on the percentage of completion for each lump sum task, and the hourly rate for WithersRavenel personnel in accordance with Exhibit I for hourly tasks, as accomplished during the billing period. Payment is due upon receipt of invoice. Interest shall be charged at the rate of one and one-half (1.5) percent per month on all balances due over 30 days from date of invoice.
2. The above fees are based on the estimated timelines noted in the proposal. Any adjustments to those timelines may result in additional fees.
3. This proposal is valid 60 days from issuance date which is the date of correspondence to the Client through email, cover letter, or other form of transmittal.
4. Also, note that the attached Exhibit I, Fee & Expense Schedule, is based on WR’s current rates and may be subject to change for hourly tasks and any additional services that occur after any adjustments go into effect.

Payment

The Client will pay Consultant for services and expenses in accordance with periodic invoices to Client and a final invoice upon completion of the services. Each invoice is due and payable in full upon presentation to Client. Invoices are past due after 30 days. If the Project is reliant on State and/or Federal Funds, then the Client will pay Consultant for all invoices within three (3) banking days of receipt of those State or Federal Funds. The Client is ultimately responsible for payment of all invoices with or without receipt of State or Federal Funds.

J. Acceptance

Receipt of an executed copy of this agreement will serve as the written Agreement between WithersRavenel and City of High Point. All Exhibits identified after the signature blocks below, including the Fee & Expense Schedule (Exhibit I), are incorporated herein and are integral parts of the Agreement.

OFFERED BY:

ACCEPTED BY:

WITHERSRAVENEL

CITY OF HIGH POINT

Signature Date

Signature Date

Steve Lander, P.E.

Name

Name

Director of Pavement Management,
Funding and Asset Management

Title

Title

PREAUDIT STATEMENT: *This instrument has been preaudited in the manner required by the Local Government Budget and Fiscal Control Act (NC G.S. 159-28(a)).*

Signature of Finance Officer: _____

Printed Name: _____

Title: _____

Date: _____

Attachment:

Exhibit I- Fee & Expense Schedule



EXHIBIT I

Fee & Expense Schedule

Description	Rate
Engineering & Planning	
Construction Project Professional	\$ 160
Construction Manager I	\$ 165
Construction Manager II	\$ 180
Senior Construction Manager	\$ 200
CAD Technician I	\$ 120
CAD Technician II	\$ 130
Senior CAD Technician	\$ 155
Designer I	\$ 145
Designer II	\$ 165
Senior Designer	\$ 185
Landscape Architect I	\$ 165
Landscape Architect II	\$ 190
Landscape Architect III	\$ 205
Senior Landscape Architect	\$ 225
Landscape Designer I	\$ 145
Landscape Designer II	\$ 155
Planning Technician	\$ 125
Planner I	\$ 135
Planner II	\$ 155
Planner III	\$ 180
Senior Planner	\$ 190
Project Engineer I	\$ 180
Project Engineer II	\$ 190
Project Engineer III	\$ 205
Senior Project Engineer	\$ 225
Assistant Project Manager	\$ 190
Project Manager	\$ 205
Senior Project Manager	\$ 225
Resident Project Representative I	\$ 115
Resident Project Representative II	\$ 130
Resident Project Representative III	\$ 145
Senior Resident Project Representative	\$ 155
Staff Professional	\$ 105
Staff Professional II	\$ 155
Staff Professional III	\$ 165
Staff Professional IV	\$ 200
Senior Staff Professional	\$ 210
Client Experience Manager	\$ 240
Director	\$ 245
Senior Technical Consultant	\$ 260
Principal	\$ 265
Zoning Specialist	\$ 325
Project Coordinators	
Project Coordinator I	\$ 110
Project Coordinator II	\$ 125
Project Coordinator III	\$ 135
Senior Project Coordinator	\$ 145
Lead Project Coordinator	\$ 155
KNA	
CAD Designer	\$ 95
Construction Observer	\$ 100
Engineer	\$ 152

Description	Rate
Funding & Asset Management	
GIS Senior Specialist	\$ 180
GIS Specialist	\$ 160
GIS Survey Technician I	\$ 90
GIS Survey Technician II	\$ 115
GIS Survey Technician III	\$ 130
GIS Survey Lead	\$ 145
GIS Technician	\$ 110
GIS Analyst I	\$ 130
GIS Analyst II	\$ 145
GIS Project Manager	\$ 180
F&AM Assistant Project Manager	\$ 175
Intern I	\$ 80
Intern II	\$ 100
F&AM Implementation Specialist	\$ 160
F&AM Project Consultant I	\$ 130
F&AM Project Consultant II	\$ 140
F&AM Project Consultant III	\$ 145
F&AM Project Consultant IV	\$ 150
F&AM Senior Project Consultant I	\$ 160
F&AM Senior Project Consultant II	\$ 165
F&AM Project Manager	\$ 180
F&AM Principal	\$ 265
F&AM Director	\$ 245
F&AM Staff Professional I	\$ 85
F&AM Staff Professional II	\$ 125
F&AM Staff Professional III	\$ 165
F&AM Staff Professional IV	\$ 200
F&AM Senior Project Manager	\$ 225
F&AM Senior Technical Consultant	\$ 255
Geomatics	
Geomatics CAD I	\$ 115
Geomatics CAD II	\$ 130
Geomatics CAD III	\$ 145
Geomatics Project Manager I	\$ 180
Geomatics Project Manager II	\$ 190
Geomatics Project Manager III	\$ 200
Geomatics Project Professional I	\$ 160
Geomatics Project Professional II	\$ 185
Geomatics Principal	\$ 250
Geomatics Remote Sensing Crew I	\$ 225
Geomatics Remote Sensing Crew II	\$ 310
Geomatics Survey Crew I	\$ 165
Geomatics Survey Crew II (2 Man)	\$ 205
Geomatics Survey Crew III (3 Man)	\$ 240
Geomatics Senior Manager	\$ 225
Geomatics Survey Tech I	\$ 75
Geomatics Survey Tech II	\$ 105
Geomatics Survey Tech III	\$ 130
Geomatics Survey Tech IV	\$ 140
Geomatics Sr. Technical Consultant	\$ 225
Geomatics SUE Crew 1	\$ 205
Geomatics SUE Crew 2	\$ 275

Description	Rate
Environmental	
Environmental Technician I	\$ 95
Environmental Technician II	\$ 110
Environmental Technician III	\$ 115
Senior Environmental Technician	\$ 135
Environmental Project Geologist I	\$ 160
Environmental Project Geologist II	\$ 175
Environmental Project Geologist III	\$ 195
Environmental Senior Project Geologist	\$ 225
Environmental Assistant Project Manager	\$ 175
Environmental Project Manager	\$ 195
Environmental Senior Project Manager	\$ 215
Environmental Director	\$ 255
Environmental Project Engineer I	\$ 160
Environmental Project Engineer II	\$ 175
Environmental Project Engineer III	\$ 195
Environmental Senior Project Engineer	\$ 225
Environmental Principal	\$ 275
Environmental Project Scientist I	\$ 160
Environmental Project Scientist II	\$ 175
Environmental Project Scientist III	\$ 195
Senior Environmental Project Scientist	\$ 225
Environmental Scientist I	\$ 120
Environmental Scientist II	\$ 140
Environmental Scientist III	\$ 150
Environmental Geologist I	\$ 120
Environmental Geologist II	\$ 140
Environmental Geologist III	\$ 150
Environmental Professional I	\$ 120
Environmental Professional II	\$ 140
Environmental Professional III	\$ 150
Environmental Senior Technical Consultant	\$ 250
Administrative	
Administrative Assistant	\$ 75
Administrative Assistant I	\$ 90
Administrative Assistant II	\$ 100
Administrative Assistant III	\$ 110
Marketing Administration I	\$ 100
Marketing Administration II	\$ 125
Director of Marketing	\$ 160
Office Administration	\$ 80
Office Administrator I	\$ 130
Office Administrator II	\$ 135
Office Administrator III	\$ 140
Other	
Expert Witness	\$ 400
Expenses	
Bond Prints (Per Sheet)	\$ 1.75
Mylar Prints (Per Sheet)	\$ 11.00
Mileage	Per IRS
Delivery - Project Specific (Distance & Priority)	
Subcontractor Fees (Markup)	1.15
Expenses / Reprod. / Permits (Markup)	1.15

Effective January 1, 2023 - Schedule is subject to change



City of High Point

Municipal Office Building
211 S. Hamilton Street
High Point, NC 27260

Master

File Number: 2024-001

File ID: 2024-001

Type: Miscellaneous Item

Status: To Be Introduced

Version: 1

Reference:

In Control: Finance Committee

File Created: 01/02/2024

File Name:

Final Action:

Title: Consideration of a Bid Award to Wesco, Inc.
City Council is requested to award a bid to Wesco, Inc. in the amount of \$1,153,647.96 for steel poles to build a 110kV Transmission line from Penny Station to Deep River Substation and authorize the appropriate City Official(s) to execute all necessary documents.

Notes:

Sponsors:

Enactment Date:

Attachments: Bid Award - Wesco, Inc.

Enactment Number:

Contact Name:

Hearing Date:

Drafter Name: sandra.keeney@highpointnc.gov

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:

CITY OF HIGH POINT

AGENDA ITEM



TITLE: Penny to Deep River 100kV Transmission Poles - Bid #20-121323	
FROM: Tyler Berrier, PE – Electric Utilities Director	MEETING DATE: January 16, 2024
PUBLIC HEARING: n/a	ADVERTISED DATE/BY: Purchasing Department
ATTACHMENTS: Attachment A: Map Attachment B: Southeastern Engineers Bid Recommendation Attachment C: Bid Tabulation Attachment D: Recommendation Form	

PURPOSE:

On December 13, 2023, the City received bids for steel poles to build a 100kV Transmission line from Penny Substation to Deep River Substation.

BACKGROUND:

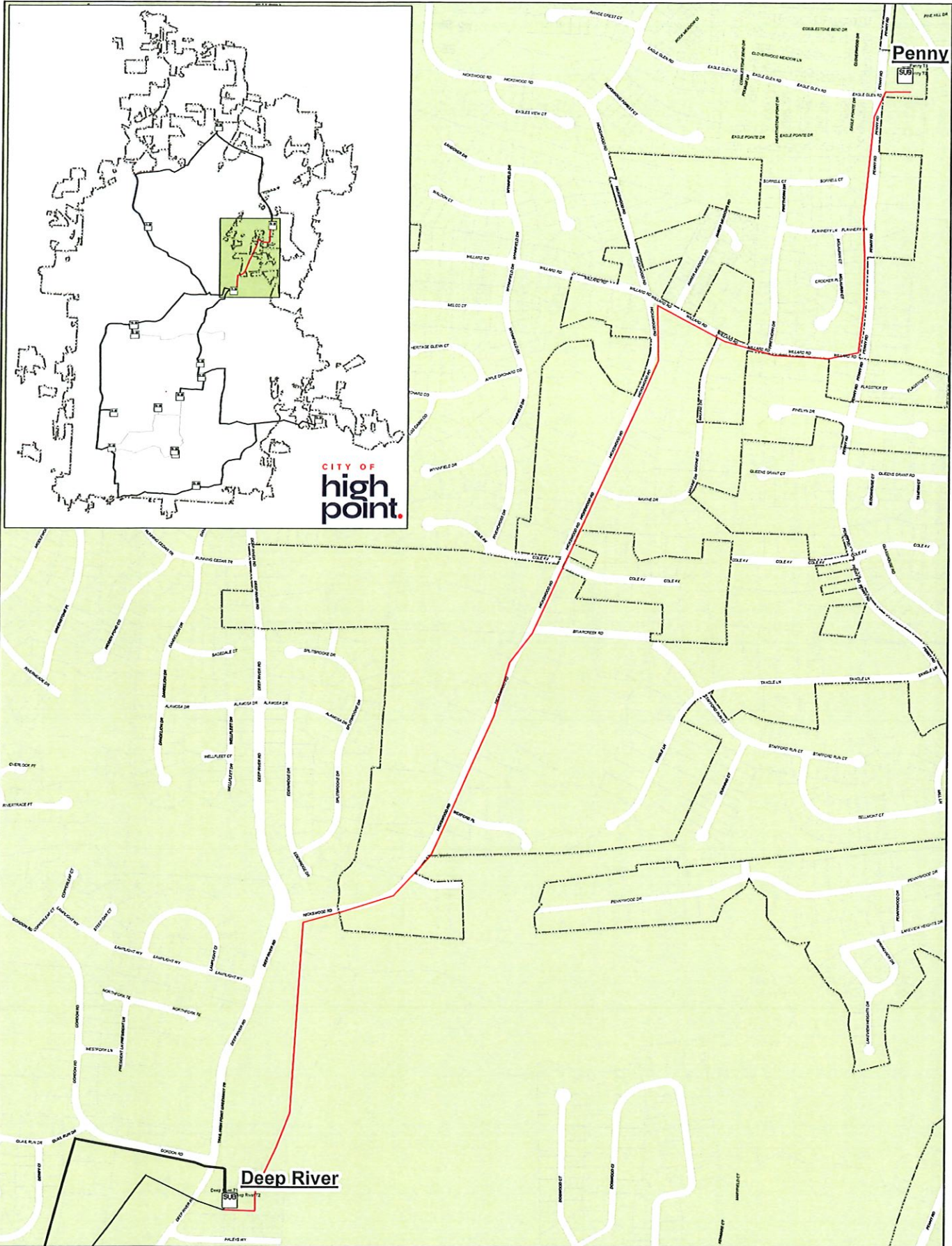
The Electric Department is procuring materials to be used on the Penny to Deep River 100kV project (project is in the Electric CIP). The Purchasing Department solicited bids for transmission poles, and the Electric Department will self-perform the work after foundations are installed. This is the last remaining section of our 100kV 'loop' for our transmission network. Completion of this section will allow the Electric Department to feed electrical infrastructure from various sources and provide flexibility with future project work.

BUDGET IMPACT:

Funds are included in the Electric capital budget to cover this project.

RECOMMENDATION/ACTION REQUESTED:

Staff are recommending that city council approve, and the department be given the ability to procure these poles. The department is recommending that the bid for these poles be awarded to Wesco, Inc. for \$1,153,647.96.



Legend

- 69KV
- 100KV
- New 100KV
- ⊠ Substation
- ⬡ City Limits
- ▭ Parcels



**100KV TRANSMISSION LINE
DEEP RIVER TO PENNY RD SUBSTATION**



CITY OF
high point.



Southeastern Consulting Engineers, Inc.

December 20, 2023

Mr. Tyler Berrier, PE
City of High Point
P.O. Box 230
High Point, North Carolina 27261

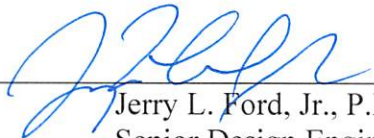
Ref.: Steel Pole Bid Recommendation
Deep River to Penny Road
Bid #20-121323

Dear Tyler:

The City received sealed proposals on December 13, 2023, from two suppliers solicited for providing steel poles that will be installed between Deep River Substation and Penny Road Substation. The bids were reviewed for compliance with the technical specifications, purchase price, and delivery. Based on the preceding factors Wesco Distribution submitted the lowest responsive and compliant bid in the amount of \$1,153,647.96. We recommend that the City accept Wesco's proposal and issue a purchase order. If you have any questions, please do not hesitate to contact us.

Very truly yours,

SOUTHEASTERN CONSULTING ENGINEERS, INC.

By  _____
Jerry L. Ford, Jr., P.E.
Senior Design Engineer

JLF/lc

cc: Mr. Philip Hiatt, PE

BID TABULATION
Steel Transmission Poles
Penny Road to Deep River

City of High Point
High Point, North Carolina

Date: December 13, 2023
Time: 3:00 PM, EST

<u>Bidder</u>	<u>Sabre Industries, Inc.</u>	<u>WESCO Distribution</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>
Total, Steel Poles	\$ <u>1,244,343.00</u>	\$ <u>1,153,647.96</u>	\$ <u>_____</u>	\$ <u>_____</u>	\$ <u>_____</u>
Manufacturer:	<u>Sabre</u>	<u>CHM Industries</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>
Delivery:	<u>36-40 Weeks</u>	<u>20-24 Weeks</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>



**FORMAL BID RECOMMENDATION
REQUEST FOR COUNCIL APPROVAL**

DEPARTMENT:

COUNCIL AGENDA DATE:

BID NO.: CONTRACT NO.: DATE OPENED:

DESCRIPTION:

PURPOSE:

COMMENTS:

RECOMMEND AWARD TO: AMOUNT:

JUSTIFICATION:

ACCOUNTING UNIT	ACCOUNT	ACTIVITY	CATEGORY	BUDGETED AMOUNT
631799	533701	631201024205	40202	\$6,526,071.50
TOTAL BUDGETED AMOUNT				

DEPARTMENT HEAD: Digitally signed by Tyler Berrier Date: 2023.12.21 15:03:35 -05'00' DATE:

The Purchasing Division concurs with recommendation submitted by the and recommends award to the lowest responsible, responsive bidder in the amount of \$.

PURCHASING MANAGER: Digitally signed by Candy E. Harmon Date: 2023.12.21 15:15:32 -05'00' DATE:

Approved for Submission to Council
FINANCIAL SERVICES DIRECTOR: Digitally signed by Bobby Fitzjohn Date: 2023.12.21 15:19:10 -05'00' DATE:

CITY MANAGER: DATE:



City of High Point

Municipal Office Building
211 S. Hamilton Street
High Point, NC 27260

Master

File Number: 2024-002

File ID: 2024-002

Type: Miscellaneous Item

Status: To Be Introduced

Version: 1

Reference:

In Control: Finance Committee

File Created: 01/02/2024

File Name:

Final Action:

Title: Consideration of a Service Agreement with Constant Technologies, Inc.
City Council is requested to authorize a service agreement with Constant Technologies, Inc. for AV & Furniture in the amount of \$422,467.43 and authorize the appropriate City Official(s) to execute all necessary documents.

Notes:

Sponsors:

Enactment Date:

Attachments: Service Agreement - Constant Technologies, Inc.

Enactment Number:

Contact Name:

Hearing Date:

Drafter Name: sandra.keeney@highpointnc.gov

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:

CITY OF HIGH POINT

AGENDA ITEM



TITLE: Real Time Crime Center (RTCC) AV & Furniture-Constant Technologies, Inc. (Equitable Sharing Purchase)	
FROM: C. H. Cheeks, III, Interim Chief of Police	MEETING DATE: January 16, 2024
PUBLIC HEARING: n/a	ADVERTISED DATE/BY: n/a
ATTACHMENTS: Quote Department Recommendation Form	

PURPOSE:

To request approval to enter into a service agreement with Constant Technologies, Inc., for AV & Furniture supporting the Real Time Crime Center (RTCC) operations. Procurement will be made with the Police Department's Equitable Sharing Funds approved by Interim Chief Cheeks.

BACKGROUND:

The mission of an RTCC is to provide a law enforcement agency with the ability to capitalize on a vast and expanding range of technologies for efficient and effective policing. Such efforts may allow law enforcement officers to respond quickly, or even immediately, to crimes in progress or to those that recently occurred. The technologies available enable law enforcement agencies and officers to respond to crime events more efficiently and deliberately, with improved operational intelligence and a proactive emphasis on officer, citizen, and community safety.

The requested items are components of a video wall system, display wall processors, video conferencing system, audio system, cables and accessories, one year's coverage of ConstantUptime Premier service and support, consoles and furnishings, plus AV Project and Console Installation Services to outfit the RTCC. These items will comprise a comprehensive command and control center solution.

Law enforcement equipment and furnishings are allowable expenses under the Equitable Sharing Guidelines.

BUDGET IMPACT:

Funds have been identified within the Police Department's Equitable Sharing Fund (Department of Justice). The purchase will be made by piggybacking of existing GSA Contract #GS-03F-073GA.

RECOMMENDATION/ACTION REQUESTED:

The Police Department recommends that the Council authorize the appropriate City Official(s) to execute a service agreement with Constant Technologies, Inc., for AV & Furniture in the amount of \$422,467.43 using Equitable Sharing Funds.



Proposal #

Est. 14085

**High Point PD - RTCC - AV And Furniture Quote -
REV03**

High Point Police Department

1730 Westchester Dr
High Point NC 27262

Prepared for:

Keoda Brown
RTCC Supervisor

Prepared by:

Carolyn Morabit

Issued Date:

12/14/2023

Scope of Work

Video Displays

Video Wall shall be a 4x2 of Planar LX55M-L Clarity Matrix video wall displays with 0.8mm combined bezel width. Includes remote power supply, video controller, mounts and trim kit. Includes (1) spare display and video controller.

Quote includes (2) video feeds via HDMI extender to (2) owner furnished existing Conference Room Displays. Video feeds shall use a secondary input on existing displays.

Video Sources

Video Wall Processing shall be a Haivision MCS Alpha Processor with support for the following input sources :

(4) Cable TV Tuner (owner furnished)

(1) Video feed from owner furnished rack PC for soft codec video conferencing such as Zoom , Teams, etc.

(8) Video feeds from owner furnished rack content PCs. Assumes (2) quad output PCs.

(3) Workstation feeds via quad input encoders. Assumes capture of right monitor at each workstation

(2) Loose HDMI connection for OFE Laptop plug in via encoder at the workstations.

Failover

Failover shall be (2) OFE content PC feeds to 2x2 video wall arrays

User Interface

(2) Microsoft Surface Pro tablet for user touch interface and control.

Video Conferencing

Assumes OFE content PC running Teams, Zoom, etc. Includes (1) USB PTZ camera for video conferencing

Audio

(1) Ceiling microphone for RTCC

-Audio DSP for processing, control and routing of all audio signals from content sources and microphones

-Audio amplification and speakers for (1) discrete audio zone using ceiling speakers

Rack and Cabling

-Includes (1) 44RU rack for equipment.

-Includes optional Automatic Transfer Switch for redundant rack power switching . Rack UPS power units available upon request

-Includes all necessary cables, accessories and hardware necessary

-Quote assumes AV rack located within a 200 foot cable run of RTCC room

1 year Constant Uptime Premier level 24/7 service and support agreement

TYPICAL CUSTOMER RESPONSIBILITIES:

• All High Voltage 120/240v electrical circuits needed for the equipment in the AV rack and for wall mounted displays .

• Cable paths from AV rack to the room and ceiling and any conduit required .

• All IT equipment for computer sources including desktop displays .

• Network drops required for all AV/IT equipment

• Network design and installation for client IT and telephone systems

• Pull all cables (provided and spec'd by CTI) that leave the furniture or rack (infrastructure cabling) including but limited to speaker wire, CAT6, fiber, microphone and control cables.



Equipment [\$327,817.43]

Item ID	Description	Qty	Sell	Total
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Video Displays and Extenders

4x2 Video Wall Displays

Pla Quote 00123315-1	High Point PD - 4x2 LX55M-L	1	\$88,534.00	\$88,534.00
Item ID	Description	Qty	Total	
Pla-998-1495	Clarity Matrix G3 LX55M 55 in. 1920x1080, 500-nit LCD video wall system. Includes 1 LCD module, necessary power supply modules, standard video controller electronics and EasyAxis mount. Landscape Only.	8	\$66,064.00	
Pla-998-1713-01 (FRU)	FRU, LX55M-L LCD Module	1	\$6,820.00	
Pla-750-2174	4HDMI QSFP HDBaseT	2	\$0.00	
Pla-935-0476	Fee for Additional 4-Output VCs	1	\$2,282.00	
Pla-750-2188	Remote Power Supply (RPS), input voltage range 100-240V, equipped with (2) Remote Power Supply Module (RPSM)	1	\$0.00	
PLA-902-0748-00 (FRU)	Replacement Remote Power Supply Module (RPSM). One RPSM. <i>6-2-22 Products Used In: Matrix G3 LX46U, Matrix G3 LX46X, Matrix G3 LX55M, Matrix G3 LX55U, Matrix G3 LX55X, Matrix G3 LX55X2, Matrix G3 MX46U, Matrix G3 MX46X, Matrix G3 MX55M, Matrix G3 MX55U, Matrix G3 MX55X, Matrix G3 MX55X2, Video Controller, Redund</i>	1	\$1,050.00	
Pla-175-0993	Loop Power Cable- 8ft <i>8-foot (2.5-meter) Interconnect Power Cable - to provide a 48V power connection between 1 display and the next display in a daisy-chained group.</i>	6	\$480.00	
Pla-955-0677	Connector Kit,DC,2wire Pwr,Pri <i>Kit for field termination of power cables. Includes 10 two-pin connectors; enough to produce 5 primary power cables for Leyard DirectLight (DL2 models).</i>	1	\$84.00	
Pla-955-0854	Kit, HSL Accy Cable Kit	1	\$0.00	
Pla-437-2432	Vertical spacer bracket LX/MX55M-L	8	\$0.00	
Pla-530-0952	Screw, MX5,8X8,BHCS,BLK, 25/bag	8	\$0.00	
Pla-572-5261	SHT MTL, CVR, SIDE, 55M-L	2	\$126.00	
Pla-572-5261	SHT MTL, CVR, SIDE, 55M-L	2	\$126.00	
Pla-572-5260	SHT MTL, CVR, TOP, 55M-L	4	\$336.00	
Pla-572-5196	Horizontal spacer bracket LX/MX55M-L	12	\$0.00	
Pla-572-5259	SHT MTL, CVR, BTM, 55M-L	4	\$336.00	
Hai-955-0790	Kit,Matrix G3 Accy Kit - US Not Set	1	\$0.00	
Pla-955-0807	Matrix G3 Panel Test Kit - US <i>Matrix G3 Panel Test Kit</i>	1	\$420.00	
Pla-955-0854	Kit, HSL Accy Cable Kit	1	\$0.00	
Pla-530-1193	Screw, M4x7x8mm, 5/bag	12	\$0.00	

Pla-175-0757-00	Cable,IR-Ext. Cable-30 ft; Extension cable for IR remote control extends the IR receiver cable by 30 feet (10 meters). Can be combined to reach longer distances. <i>Extension cable for IR remote control extends the IR receiver cable by 30 feet (10 meters). Can be combined to reach longer distances.</i>	1	\$133.00	
Pla-750-2174	4HDMI QSFP HDBaseT	1	\$4,267.00	
PLA-902-0748-00 (FRU)	Replacement Remote Power Supply Module (RPSM). One RPSM.	1	\$1,050.00	
Pla-FRC	Shipping and Handling	1	\$4,960.00	

Video extenders for HDMI feed to existing owner furnished Conference Room Display (4k60 to 330ft) - Make / Model TBD

Ext-60-1631-62	DTP2 T 211	2	\$870.00	\$1,740.00
<i>HDMI 4K/60 DTP2 Transmitter with Audio Embedding</i>				
Ext-60-1631-63	DTP2 R 211	2	\$880.00	\$1,760.00
<i>HDMI 4K/60 DTP2 Receiver with Audio De-Embedding</i>				

Video Processing , Distribution and Control

Display Wall Processors

Hai Proposal Q-13334	City of High Point - Office of Emergency Management RTCC Processing Solution	1	\$129,398.83	\$129,398.83
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Item ID	Description	Qty	Total
Hai-3001007	Haivision Alpha FX Core Video Wall Processor with CineNet Pro Software <i>The Alpha FX Core Pro is a multi-4K, IP-capable video wall processor that delivers extraordinary performance in both networked and traditional video wall environments. It can power up to 48 HD displays (or 12 4K displays) and can capture content from up to 16 HD (or 16 4K) HDMI sources. The Core Pro also supports native IP encoding and decoding, enabling users to display and share video wall content across their network in real-time. The Core Pro is designed on a Windows 10 PC-based architecture and leverages Haivision's FX Graphics Engine to deliver accelerated graphics, 3D rendering, and massive resolutions. Controlled with user-friendly CineNet Pro video wall software, the Core Pro's processing power, flexibility, and reliability make it an ideal solution for a range of applications, including medium to large control rooms, data visualization centers, and more. Key Benefits: - Native IP encoding and decoding - Multi-4K and HD capture and display - Accelerated 2D & 3D processing - CineNet Pro video wall software - 24/7 reliability Key System Specifications: - Max H.264 encodes / decodes: 64 HD / 16 4K - Max Outputs: 48 HD / 12 4K - Output Formats Supported: DisplayPort, DVI, HDMI - Max Inputs: 16 HD / 16 4K - Input Formats Supported: Mini HDMI, HDMI, DisplayPort, DVI, 3G-SDI, Composite, VGA - Dimensions Per Chassis: 4RU / 19.0" x 7.0" x 26.4" (W x H x D)</i>	1	\$38,888.89

Hai-3002001	Haivision Alpha FX 4K-4 Output Board <i>The Alpha FX 4K-4 Output Board is a high-end graphics card that supports up to 4 x 4K displays (or up to 16 x HD displays with additional signal processing).</i>	1	\$2,777.78
Hai-3003001	Haivision Alpha FX 4K-D Input Board <i>The Alpha FX 4K-D Input Board is a 4K capture and IP decode card. It features four Mini HDMI inputs and leverages high-density H.264 decoding to support up to 4 x 4K or 16 x HD IP video decodes.</i>	3	\$28,333.32
Hai-3003002	Haivision Alpha FX 4K-DE Input Board <i>The Alpha FX 4K-DE Input Board is a 4K capture and IP encode / decode card. It features (4) Mini HDMI inputs and supports up to (4) 4K or (16) HD IP video encodes and decodes, leveraging low-latency H.264 video compression.</i>	1	\$11,666.67
Hai-3101001	Haivision CineLink 4K IP Video Encoder, 4-Port with HDMI & Audio Loop-Out	2	\$20,444.44
Hai-3102002	Haivision CineLink HD IP Video Decoder, 1-Port with HDMI & Audio	1	\$2,555.56
Hai-3502002	Audio Interface and Control for Haivision CineNet Control System	1	\$3,055.56
Hai-3502005	Display Control for Haivision CineNet Control System	2	\$1,633.34
Hai-3502011	TV Tuner Interface and Control for Haivision CineNet Control System	4	\$4,244.44
Hai-6012008	Haivision Remote Professional Services, 1 Tech, 1 Day	1	\$2,777.78
Hai-6201003	Logistics Service	1	\$2,811.05
Hai-6101003	Haivision GuardianCare Protection Program - Standard	1	\$10,210.00

The Haivision Standard GuardianCare 24/7 Protection Program provides the following features: 1. Phone Support: GuardianCare Support personnel are available during standard business hours. Eligible to add-on 24/7 technical support. 2. GuardianCare Portal: GuardianCare members have exclusive access to the GuardianCare Support Portal to submit tickets, access articles with answers to frequent questions, as well as access the latest CineNet software and documentation. 3. On-Site Support: If on-site support is needed, there will be a separate charge to cover travel and labor expenses on a per case basis. 4. Service Level Objectives: As a GuardianCare member, you can count on guaranteed response times depending on the severity of the issue. 5. Free Software Updates: GuardianCare members receive free access to all updates within your current major version release of Haivision software platform, so you do not have to wait to leverage the latest features and capabilities. 6. Discounted Software Upgrades: GuardianCare members receive discounts on all major upgrades to the Haivision software platform. When a major upgrade is deployed, Haivision will provide a remote training session to review new functionality and features. 7. Extended Limited Warranty: All Haivision manufactured products, except for displays, are covered against defects in materials and workmanship under normal use for up to five years. Haivision-manufactured displays are covered for up to three years. This warranty does not extend to any third-party goods or services.

KVM for viewing and control of rack sources (max 8 sources per KVM)

Mid-RM-KB-LCD17KVMHD	KB W/LCD DIG DSPLY & KVM <i>1 SPACE (1 3/4") RACKMOUNT KEYBOARD, HD LCD DIGITAL DISPLAY, 8KVM</i>	1	\$5,307.00	\$5,307.00
Ext-60-1607-01	DA2 HD 4K PLUS	3	\$930.00	\$2,790.00

Two Output 4K/60 HDMI Distribution Amplifier

Ext-60-1608-01	DA4 HD 4K PLUS	1	\$1,280.00	\$1,280.00
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Four Output 4K/60 HDMI Distribution Amplifier

USB Extenders for Rack Content PCs

Ext-60-1471-12	USB Extender Plus T	3	\$820.00	\$2,460.00
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Twisted Pair Extender for USB Peripherals

Ext-60-1471-13	USB Extender Plus R	3	\$820.00	\$2,460.00
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Twisted Pair Extender for USB Peripherals

Network switch

Net-GSM4352PB-100NES	Switch - L3 - managed - 2 x 10/100/1000/10000 + 2 x 10 Gigabit SFP+ + 48 x 10/100/1000 (PoE+) - rackmountable - PoE+ (860 W)	1	\$3,614.00	\$3,614.00
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NETGEAR M4300-52G-PoE+ - Switch - L3 - managed - 2 x 10/100/1000/10000 + 2 x 10 Gigabit SFP+ + 48 x 10/100/1000 (PoE+) - front to back airflow - rack-mountable - PoE+ (860 W)

Touch panels for video wall processor control

NOTE: Quote one dock per touch panel drop, not one per touch panel

Mic-S1P-00001	Microsoft Surface Pro 9 for Business	2	\$1,299.00	\$2,598.00
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Tablet - Intel Core i5 1245U / 1.6 GHz - Win 10 Pro - Iris Xe Graphics - 8 GB RAM - 128 GB SSD - 13" touchscreen 2880 x 1920 @ 120 Hz - Wi-Fi 6E - platinum

Sta-DKT30CHSDPD1	StarTech.com USB C Multiport Adapter USB-C to 4K 60Hz HDMI 2.0, 100W Power Delivery Pass-through, SD/MicroSD, 2-Port USB 3.0 Hub, GbE - USB Type-C Mini Dock - 12" Long Attached Cable - Docking station - USB-C / Thunderbolt 3 - HDMI - GigE	3	\$126.99	\$380.97
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Len-4X20M26268	Lenovo 65W Standard AC Adapter (USB Type-C) Power adapter - AC 100-240 V - 65 Watt - for 100e Chromebook (2nd Gen) MTK.2; ThinkPad L13 Gen 2; L13 Yoga Gen 2; T14s Gen 2; X13 Gen 2	3	\$59.99	\$179.97
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Video Conferencing System

Logitech Pro 2 PTZ Camera and Extender

Log-960-001184	Logitech PTZ Pro 2 Conference Camera - color - 1920x1080	1	\$849.99	\$849.99
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Sou-RCU2-PRO	RemoteCamRCU2™ [USB2.0 + UVC + 5/12V Camera Power]; Logitech: PTZ PRO 2	1	\$1,225.00	\$1,225.00
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Sou-RCM-UNI	RCM™ On Wall Mount; Universal Round Camera Base	1	\$179.00	\$179.00
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Universal Round Camera Base

Audio System

Audio De-embedder for CATV Sources

Ext-60-1681-01 <i>4K/60 HDMI Audio De-Embedder</i>	4K/60 HDMI Audio De-Embedder	4	\$920.00	\$3,680.00
Cor-HD 4K HDMI Splitter (v2)	Ultra HD 4K 2 Port HDMI Splitter 1x2 Repeater Amplifier 1080P 3D Hub 1 In 2 Out	4	\$29.99	\$119.96

Audio Summing Cables for OFE Content PCs

Ext-60-804-01 <i>Passive Audio Summing Adapter with RCA Inputs and Balanced/Unbalanced Output</i>	ASA 141	3	\$82.00	\$246.00
Ext-26-592-01 <i>Audio Adapter: 3.5 mm Mini Stereo to 2 RCA Female - 6" (15 cm)</i>	MSR 6 - 6" (15 cm)	3	\$12.00	\$36.00

Conference Room Ceiling Mics

Sen-509178	Sennheiser TeamConnect 2 Ceiling Mic Kit with 508528 Ceiling Mount Bracket	1	\$4,700.00	\$4,700.00
Sen-508291	Sennheiser SL CM SK -ceiling mounting kit for TeamConnect Ceiling 2	1	\$139.95	\$139.95

Audio DSP

Bia-TesiraFORTE DAN VT <i>TesiraFORTÉ DSP fixed I/O server with 12 analog inputs, 8 analog outputs, 8 channels configurable USB audio, 32 x 32 channels of Dante™, Acoustic Echo Cancellation (AEC) technology (all 12 inputs), 2 channel VoIP and standard FXO telephone interface</i>	TesiraFORTE DAN VT	1	\$5,170.00	\$5,170.00
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Audio Amplifiers

Ext-60-850-01 <i>One Channel Amp, 200 watts at 70 volts</i>	XPA 2001-70V	1	\$820.00	\$820.00
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Speakers quoted as pairs

Ext-60-1310-03 <i>SoundField XD 6.5" Two-Way Ceiling Speaker with 8" Composite Back Can and 70/100 V Transformer, Pair</i>	SF 26CT	2	\$630.00	\$1,260.00
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Equipment Rack and parts



**Your Single Source for Video Wall,
Technology and Console Integration**

Rack Assembly 44RU Estimate REV	44RU Rack with parts and accessories	1	\$5,481.30	\$5,481.30
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Item ID	Description	Qty	Total
Mid-VRK-44-36H	44SP/36D VIDEO RACK HORIZ 44 SPACE (77"), 36" DEEP VIDEO RACK WITH HORIZONTAL LACING BARS, WITH REAR DOOR, BLACK FINISH	1	\$3,066.00
Mid-LVFD-44	44SP/LARGE PERF FDUNVBK VENTED FRONT DOOR, 64% OPEN AREA, FITS 44 SPACE ERK, MRK, WRK, VRK SERIES RACKS, BLACK FINISH	1	\$794.00
Mid-VRK-Z4	VRK SEISMIC BRACKETS SEISMIC FLOOR ANCHOR BRACKETS FOR THE VRK SERIES	1	\$78.00
Mid-MW-10FT	10FAN TOP OPT. MRK/WRK(BL 10" FAN TOP (EXCLUDING FAN) FOR ANY WRK, MRK, VRK OR VMRK	1	\$97.00
Mid-GUARD-10	10 FAN GUARD HAMBURGER STYLE GUARD FOR 10" FANS	2	\$140.00
Ori-OA254AN-22-1TB XC	AC Fans Fan AC 254mm 230VAC 555CFM Ball Terminal	1	\$82.30
Mid-U1V	1SP VENTED UTILITY SHELF 1 SPACE (1 3/4") VENTED RACKSHELF	1	\$73.00
Mid-U2V	2SP VENTED UTILITY SHELF 2 SPACE (3 1/2") VENTED RACKSHELF	1	\$97.00
Mid-U3V	3SP VENTED UTILITY SHELF 3 SPACE (5 1/4") VENTED RACKSHELF	1	\$110.00
Mid-UD3	3SP UTIL. DRAWER.BLK 3 SPACE (5 1/4") UTILITY DRAWER, BLACK POWDER COAT FINISH	1	\$234.00
Mid-BR1	1SP PANEL W/BRUSH GROMMET 1 SPACE (1 3/4") BRUSH GROMMET PANEL	1	\$85.00
Mid-LACE-44-OWP	77"H4-3/4"W SLOT LACER 77" HEIGHT 4 3/4" WIDTH CABLE LACER STRIP WITH CABLE TIE POSTS, 6 PIECES	1	\$404.00
Mid-LBH-1930-T	2PK TLSCP HOR(19-30)LCBAR HORIZONTAL TELESCOPING LACER BAR, 2 PIECES	1	\$84.00
Mid-HG	100PC10-32 RUST RST SCW 100 PC. BLACK 10-32 PHILLIPS RUST RESISTANT SCREWS W/ WASHERS	1	\$97.00
Mid-HPQ	100PC 10-32X3/8 RK SCREWS 100 PC. BLACK 10-32 PHILLIPS SHORT SCREWS W/ WASHERS	1	\$40.00

Mid-SPN-44-36	PR BLK 44SP 36DP SIDE PA	1	\$1,290.00	\$1,290.00
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Extron rack shelves and extender mounting brackets

Ext-60-190-01	RSU 129 1U 9.5" Deep Universal Rack Shelf Kit	14	\$174.00	\$2,436.00
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Rack Power Distribution

208v PDUs

Apc-AP4431	APC Rack Automatic Transfer Switch AP4431	1	\$1,660.00	\$1,660.00
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Apc-AP8841	RACK PDU 2G- METERED- ZEROU-30A- 200/208V- (36) C13 & (6) C19	1	\$1,011.36	\$1,011.36
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Cable and adapters

Bulk Cabling provided by Constant - cable pull labor not included

Bulk Cabling

Wel-T2404L6SHP-black	Description - CAT6 / STP / 550 Mhz / Plenum Cable 1000'	6	\$956.00	\$5,736.00
Lib-10-2C-TTP-WHT <i>Tight Tube Plenum 10 AWG 2 conductor Speaker Cable</i>	TIGHT TUBE 10/2 CL2P WHITE (1000')	1	\$1,474.09	\$1,474.09
Lib-20-2C-PSH-WHT <i>Commercial grade general purpose 20 AWG 2 conductor plenum shielded cable</i>	COMMERCIAL 20/2 OASH CMP WHT	1	\$367.67	\$367.67
Lib-16-2C-TTP-BLK <i>Tight Tube Plenum 16 AWG 2 conductor Speaker Cable</i>	TIGHT TUBE 16/2 CMP BLACK	1	\$465.28	\$465.28

Rack and workstation connection cables

Cable Bundle Estimate Medium	Cable estimate for cable plus terminations for install	1	\$7,500.00	\$7,500.00
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Service and Support

ConstantUptime Premier 1 Year Coverage	Premier Service and Support Agreement 1 Year Coverage	1	\$15,291.00	\$15,291.00
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ConstantUptime Premier provides 24/7 support for your complete integrated audio-video system and rapid response times for high-impact equipment problems that can not be remedied through remote troubleshooting.

ConstantUptime Premier includes:

- Unlimited 24-hour support*
- Product-knowledgeable engineers, programmers, and technicians*
- Unlimited on-site visits for Level-1 emergencies (after initial troubleshooting)*
- 48-hour response time to be on-site for Level-1 emergencies if remote troubleshooting can not resolve the issue*
- Optional service pool of on-site critical spare parts*
- Management and logistics of manufacturer warranties for all supported equipment*
- Maintenance of records for faults and service visits Full functional test of all replacement equipment*

CONSOLES & FURNISHINGS

CTI-ENDUR-CUSTOM-66	Custom Width Endurance Series Beam LIFT Console, Single Position, 66"w x 34"d	3	\$5,258.73	\$15,776.19
<i>Endurance Series Console - Single Position Includes:</i> -Aluminum and Powder Coated Steel Console Frame -Electric Lift Columns, Control Box and Up/Down Switch -Horizontal Cable Management Wire Trays -Vertical Cable Management Cable Chains -Horizontal Beam Toolbar -Standard HPL Worksurface With Urethane Front Edge -Rear Worksurface Infills and Cable Access Brush				
CTI-ENDUR-TECHCAB	Endurance Series PC Tech Cabinet w/ Adj Shelf	3	\$1,660.48	\$4,981.44
<i>Includes:</i> -Standard HPL Front and Rear Access Doors -Standard HPL Base with Steel Perforated Adjustable Shelf -Dual Exhaust Fan, 104 cfm @ 19dBA -Perforated Steel Front Vent Grill -Horizontal Wire Tray				
CTI-END-ENDUR	End Panel, Endurance Console, 19" x 20" - Standard HPL Finish	1	\$148.88	\$148.88

OPTIONS & ACCESSORIES

CTI-PWR-1620A-8C6	Power Strip, Endurance Tech Cab - 16"L, 20A, 8 Outlet, 6' Cord w/ Molded Plug	3	\$72.96	\$218.88
<i>Lower Wire Tray (Inside Base Cabinets)</i>				
CTI-PWR-1920A-10C10	Power Strip, Endurance Upper Wire Tray - 19"L, 20A, 10 Outlet, 10' Cord w/ Molded Plug	3	\$100.12	\$300.36
CTI-MON-7500	Articulating Arm - 27" Extension with Slatwall or Beam Bracket & Vesa Plate	6	\$382.96	\$2,297.76
CTI-CONV-CUSTOM-2P1A1 C	Convenience Jack, Beam Mount Unit, (2) AC Power / (1) USB-A Charger / (1) USB-C Charger, 10' Power Cord	3	\$150.85	\$452.55

Equipment Sub Total **\$327,817.43**



Professional Services [\$82,750.00]

Item ID	Description	Qty	Sell	Total
AV Project Services				
Project Management	Project Management Labor	1	\$3,960.00	\$3,960.00
Engineering and Construction Drawings	Project Engineering and Construction Drawings	1	\$2,640.00	\$2,640.00
Rack Fabrication and Technology Integration	Offsite Rack Fabrication and Technology Integration	1	\$3,500.00	\$3,500.00
Onsite Install	Project Onsite Install Labor	1	\$28,000.00	\$28,000.00
Onsite Commissioning, Testing and Training	Project Onsite System Commissioning, Testing and Training	1	\$3,500.00	\$3,500.00
Programming	Custom programming for control systems	1	\$8,600.00	\$8,600.00
Travel	Travel Charges	1	\$18,125.00	\$18,125.00
Project Management Expenses	Project Management Expenses	1	\$3,700.00	\$3,700.00
Logistics	Project Handling and Inbound shipping charges	1	\$3,100.00	\$3,100.00

Console Installation Services

Onsite Install	Constant Technologies Console Installation: Includes unloading, layout and installation of all consoles and CTI provided accessories	1	\$4,500.00	\$4,500.00
Onsite Install-OFE Equipment	OFE Monitor Installation: Includes unboxing, installing, counter-balancing and cable management of (6) OFE monitors onto monitor arms (Monitor video and power cables provided by Client)	1	\$225.00	\$225.00
Travel	Travel Expenses	1	\$2,900.00	\$2,900.00



**Your Single Source for Video Wall,
Technology and Console Integration**

***Freight costs are estimated at this time. Final freight costs to
be determined prior to delivery***

Professional Services Sub Total \$82,750.00

Item Total:	\$410,567.43
Freight:	\$11,900.00
Total:	\$422,467.43



**Your Single Source for Video Wall,
Technology and Console Integration**

Quote Expiration Date: 02/29/2024

Quoted by: Carolyn Morabit, C.Morabit@constanttech.com

Issued Date: 12/14/2023

Accepted by: _____



Disclaimer

CONSTANT TECHNOLOGIES requires the following items prior to providing a firm schedule: • PURCHASE ORDER • SIGNED DRAWINGS • ACCEPTED TERMS & CONDITIONS • APPROVED FINISHES • DOWN PAYMENT • LOGISTICS INFORMATION SHEET

Parts and final quantities are subject to change post contract award during 100% design review.

CONSTANT TECHNOLOGIES Standard Payment Terms for Invoicing (Taxes Excluded Unless Otherwise Noted):

- 50% due upon order placement
- 50% due upon installation

Purchase Orders, Payments should be sent to the attn of:

Accounting
Constant Technologies, Inc.
Tel: 401-294-7171
email: accounting@constanttech.com

Headquarters Address:
125 Steamboat Avenue
North Kingstown, RI 02852
Office Phone: (401) 294-7171
Fax Number: (401) 294-7505
Website: www.constanttech.com

GSA Contract # GS-03F-073GA
Federal Tax ID# 22-2503954
Dun & Bradstreet# 04-933-5102
NAICS Code: 334310
Cage Code: 1MDG8
Company Type: Corporation
State of Incorporation: New Jersey
Date of Incorporation: October 24, 1983

BID RECOMMENDATION

DEPARTMENT:

COUNCIL AGENDA DATE:

BID NO.: CONTRACT NO.: DATE OPEN:

DESCRIPTION:

The PD is proposing the purchase of AV & Furniture supporting the Real Time Crime Center (RTCC) operations. Interim Chief Cheeks has approved the Police Department's Equitable Sharing Funds for this purchase.

PURPOSE:

The requested items are components of a video wall system, display wall processors, video conferencing system, audio system, cables and accessories, one year's coverage of ConstantUptime Premier service and support and consoles and furnishings, plus AV Project and Console Installation Services to outfit the RTCC

COMMENTS:

Law enforcement equipment and furnishings are allowable expenses under the Equitable Sharing Guidelines as Law Enforcement Equipment.

RECOMMEND AWARD TO: AMOUNT:

JUSTIFICATION:

GSA is a centralized procurement arm for the federal government. Piggybacking off the existing GSA contract allows the City of High Point to take advantage of the volume discount offered.

ACCOUNTING UNIT	ACCOUNT	ACTIVITY	CATEGORY	BUDGETED AMOUNT
301310	533101	301006310201	52022	422,467.43
TOTAL BUDGETED AMOUNT				

DEPARTMENT HEAD: Digitally signed by Curtis H Cheeks III
Date: 2023.12.15 11:53:42 -05'00' DATE:

The Purchasing Division concurs with recommendation submitted by the and recommends award to the lowest responsible, responsive bidder in the amount of .

PURCHASING MANAGER: DATE:

Approved for Submission to Council

FINANCIAL SERVICES DIRECTOR: DATE:

CITY MANAGER: DATE:

(For City Council Approval Only)



City of High Point

Municipal Office Building
211 S. Hamilton Street
High Point, NC 27260

Master

File Number: 2024-004

File ID: 2024-004

Type: Miscellaneous Item

Status: To Be Introduced

Version: 1

Reference:

In Control: Finance Committee

File Created: 01/02/2024

File Name:

Final Action:

Title: Consideration of the Purchase of Light-Duty Tires from Colony Tire
City Council is requested to approve the purchase of light-duty tires from Colony Tire through the NC State Contract#7517-A in the amount of approximately \$135,000 per year and authorize the appropriate City Official(s) to execute all necessary documents.

Notes:

Sponsors:

Enactment Date:

Attachments: State Contract - Colony Tire

Enactment Number:

Contact Name:

Hearing Date:

Drafter Name: sandra.keeney@highpointnc.gov

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
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CITY OF HIGH POINT

AGENDA ITEM



TITLE: Fleet Services New Tire Purchases	
FROM: Kevin Rogers, Fleet Director	MEETING DATE: January 16, 2024
PUBLIC HEARING: n/a	ADVERTISED DATE/BY: n/a
ATTACHMENTS: none	

PURPOSE:

The Fleet Services Department purchases tires for city-owned and operated vehicles/equipment. NC State Contract# 7517-A is utilized for these purchases.

BACKGROUND:

Fleet Services purchases tires for city-owned vehicles/equipment through the NC State Contract# 7517-A. The light-duty tires are currently purchased from Colony Tire and our current yearly spend will be approximately \$135,000 per year. Fleet Services has realized tremendous savings associated with utilizing the NC State Contract.

BUDGET IMPACT:

Funds are available in the 2023-2024 Budget.

RECOMMENDATION/ACTION REQUESTED:

The Fleet Services Department recommends the City Council approve the purchase of light-duty tires from Colony Tire through the NC State Contract# 7517-A.



City of High Point

Municipal Office Building
211 S. Hamilton Street
High Point, NC 27260

Master

File Number: 2024-005

File ID: 2024-005

Type: Miscellaneous Item

Status: To Be Introduced

Version: 1

Reference:

In Control: Finance Committee

File Created: 01/02/2024

File Name:

Final Action:

Title: Consideration of the Purchase of Heavy-Duty Tires from McCarthy Tire
City Council is requested to approve the purchase of heavy-duty tires from McCarthy Tire through the NC State Contract#7517-A in the amount of approximately \$125,000 per year and authorize the appropriate City Official(s) to execute all necessary documents.

Notes:

Sponsors:

Enactment Date:

Attachments: State Contract - McCarthy Tire

Enactment Number:

Contact Name:

Hearing Date:

Drafter Name: sandra.keeney@highpointnc.gov

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:

CITY OF HIGH POINT

AGENDA ITEM



TITLE: Fleet Services New Tire Purchase	
FROM: Kevin Rogers, Fleet Director	MEETING DATE: January 16, 2024
PUBLIC HEARING: n/a	ADVERTISED DATE/BY: n/a
ATTACHMENTS: none	

PURPOSE:

The Fleet Services department purchases tires for city-owned and operated vehicles/equipment. NC State Contract# 7517-A is utilized for these purchases.

BACKGROUND:

Fleet Services purchases tires for city-owned vehicles/equipment through the NC State Contract# 7517-A. The heavy-duty tires are currently purchased from McCarthy Tire and our current yearly spending will be approximately \$125,000 per year. Fleet Services has realized tremendous savings associated with utilizing the NC State Contract. McCarthy Tire has proven to be a very reliable and reputable company and provides excellent service to the city.

BUDGET IMPACT: Funds are available in the 2023-2024 Budget.

RECOMMENDATION/ACTION REQUESTED:

The Fleet Services Department recommends the City Council approve the purchase of heavy-duty tires from McCarthy Tire through the NC State Contract# 7517-A.



City of High Point

Municipal Office Building
211 S. Hamilton Street
High Point, NC 27260

Master

File Number: 2024-006

File ID: 2024-006

Type: Miscellaneous Item

Status: To Be Introduced

Version: 1

Reference:

In Control: Finance Committee

File Created: 01/02/2024

File Name:

Final Action:

Title: Consideration of Change Order #2 for the Washington Street Realignment Project
City Council is requested to approve change order #2 for \$205,047.00 to increase the contract amount with Baker Underground, Inc. from \$2,991,540.00 to the amount of \$3,196,587.00, approve the new contract completion date of June 10, 2024, and authorize the appropriate City Official(s) to execute all necessary documents.

Notes:

Sponsors:

Enactment Date:

Attachments: Washington St Change Order 02

Enactment Number:

Contact Name:

Hearing Date:

Drafter Name: sandra.keeney@highpointnc.gov

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:

CITY OF HIGH POINT

AGENDA ITEM



TITLE: Washington Street Realignment – Change Order #2	
FROM: Trevor Spencer, Engineering Director	MEETING DATE: January 16, 2024
PUBLIC HEARING: n/a	ADVERTISED DATE/BY: n/a
ATTACHMENTS: none	

PURPOSE: The Washington Street Realignment project requires a change order to temporarily shut down a 30-inch diameter water main during utility construction.

BACKGROUND: The Washington Street Realignment project is a general obligation bond project that was voter approved in 2019. The construction contract was awarded to Baker Underground, Inc. by City Council on August 7, 2023, for \$2,991,540.00. The purpose of the project is to be safe driven, as the roadway is being shifted away from the top of a failing embankment adjacent to the railroad. After the City's roadway project is completed, the railroad will follow with their own embankment stabilization project. The project will deliver new travel lanes, sidewalk, curb and gutter, a pedestrian crossing, guardrail, and replacement of water, sewer, and stormwater utilities along Washington Street between Mt. Zion Baptist Church and Downing Street.

The project has encountered an unforeseen field condition, requiring a change order to be executed for additional work to be performed. The project is replacing existing 12-inch and 6-inch diameter water mains that are cross connected to a 30-inch diameter transmission water main. This cross connection was not identified during the design phase and requires additional work to temporarily shut down the 30-inch water main prior to abandonment of the old 12-inch and 6-inch water mains. During the shutdown, a new 30-inch valve will be installed on the main for improved operation and maintenance of the utility.

The change order cost for the additional work is \$205,047.00, and the contract completion date will be extended by 14 calendar days from May 27, 2024 to June 10, 2024.

BUDGET IMPACT: Funding is available in the project budget.

RECOMMENDATION/ACTION REQUESTED: Engineering Services recommends that Council approve the change order for \$205,047.00 to increase the contract amount with Baker Underground, Inc. from \$2,991,540.00 to the amount of \$3,196,587.00, approve the new contract completion date of June 10, 2024, and authorize the appropriate City Official(s) to execute all necessary documents.