

CITY OF HIGH POINT

AGENDA ITEM



Title: Willard Dairy Road and Kendale Road Water Main Extensions

From: Terry Houk – Public Services Director

Derrick Boone – Public Services Asst. Director

Allan Hicks – Projects Engineer

Meeting Date:

October 7, 2019

Public Hearing: N/A

Advertising Date:

August 16, 2019

Advertised By:

Purchasing

Attachments: Attachment A – Award Recommendation & Certified Bid Tab

Attachment B – Project Map

PURPOSE:

The City has budgeted for a 12-inch diameter water main extension along Willard Dairy Road and an 8-inch diameter water main extension along Kendale Road. The water main extensions will improve water quality, fire protection, and provide future service to residential and commercial development within these areas.

BACKGROUND:

This project will loop existing water mains and provide service to Stonegate Subdivision along Willard Dairy Road (under construction) and Erynndale Subdivision along Kendale Road (under design). Both locations will eliminate the current need to blow off water for water quality. The Kendale Road water main extension will tie to the new watermain installed in conjunction with the Skeet Club Road NCDOT project.

BUDGET IMPACT:

Funds for this project are available in the FY 2019-2020 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 \$630,948.00.

Mr. Allan Hicks, EI
Project Engineer
Public Services Dept.
City of High Point
211 S. Hamilton Street
High Point, NC 27260

Arcadis G&M of North Carolina,
Inc.
7029 Albert Pick Road
Suite 101
Greensboro
North Carolina 27409
Tel 336 292 2271

Subject:
Kendale/Willard Dairy Water Lines
Award Recommendation and Bid Tabulation

WATER DIVISION

Dear Mr. Hicks:

Date:
September 19, 2019

On September 18, 2019 the scheduled Bid Opening for the subject project was held at the High Point City Hall. On that date three (3) bids were received and read aloud. The attached Bid Tabulation indicates the results. The lowest responsive, responsible Bidder was Breece Enterprises Inc. of High Point, NC, who holds the appropriate classification of a current Unlimited, Building and Public Utility General Contractor's license (No. 19819). Breece Enterprises offered a bid in the amount of \$633,948.00. Arcadis found a mathematical error in the bid proposal of \$3,000 in line 3. Arcadis spoke with David Breece and he confirmed the error without dispute. This revises the bid amount to \$630,948.00.

Contact:
Jeremy McCall

Phone:
336.433.2459

Email:
Jeremy.mccall@arcadis.com

Our ref:
GRHPT101.D001
GRHPT100.D001

The Bid is approximately 42% below the Engineer's Opinion of Probable Construction Cost of \$1,098,372 estimated during the Final Design Phase.

The City of High Point has worked with Breece Enterprises on other construction projects in the recent past, and they are a well-qualified and reputable construction firm. Therefore, we recommend that the City award this contract to Breece Enterprises. Should you concur with our recommendation, we will provide a Notice of Award to be executed by the City and provided to Breece Enterprises.

Mr. Allan Hicks, EI
September 19, 2019

Please contact me if you have any questions regarding this information.

Sincerely,

ARCADIS G&M of North Carolina, Inc.



Jeremy L. McCall, PE
Project Manager

Copies:

Erik Conti, Purchasing Manager, City of High Point
Derrick Boone, Assistant Public Services Director, City of High Point
David Hamilton, Account Leader, Arcadis

Enclosures:

Bid Tabulation

CITY OF HIGH POINT WILLARD DAIRY ROAD AND KENDALE ROAD WATER MAIN EXTENSIONS

WILLARD DAIRY ROAD

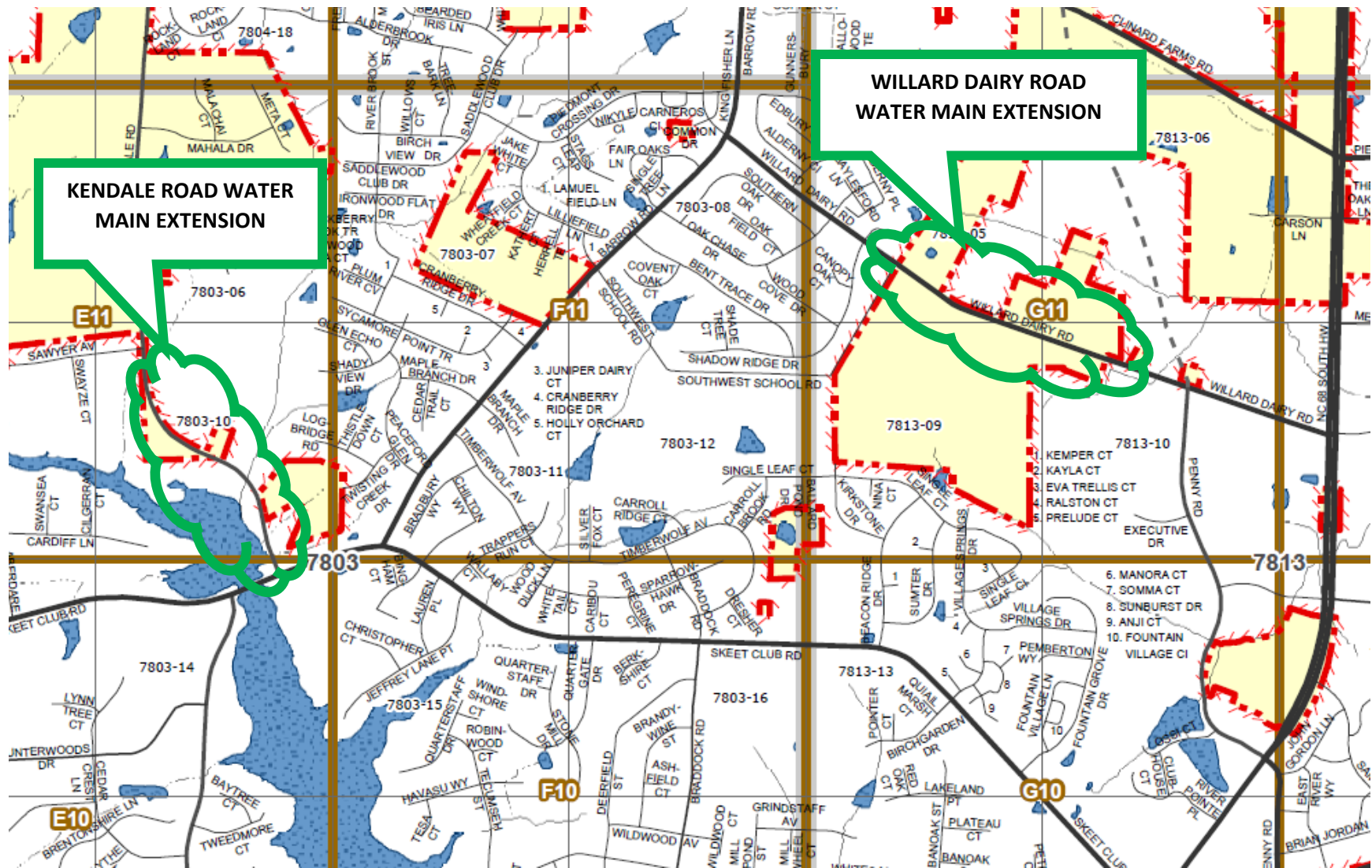
					BREECE ENTERPRISES, INC		SMITH-ROWE, LLC		YATES CONSTRUCTION CO, INC.	
Item	Section	Description	Quantity	Unit	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1	CHP 402	MOBILIZATION (WILLARD DAIRY ROAD)	1	LS	\$ 18,000.00	\$ 18,000.00	\$ 22,099.25	\$ 22,099.25	\$ 20,000.00	\$ 20,000.00
2	CHP 405	CONSTRUCTION STAKING (WILLARD DAIRY ROAD)	1	LS	\$ 2,000.00	\$ 2,000.00	\$ 7,623.00	\$ 7,623.00	\$ 3,500.00	\$ 3,500.00
3	CHP 203	TRENCH AND BACKFILL FOR 12" DIP	2,504	LF	\$ 30.00	\$ 75,120.00	\$ 1.00	\$ 2,504.00	\$ 52.00	\$ 130,208.00
4	CHP 203	TRENCH AND BACKFILL FOR 6" DIP	24	LF	\$ 40.00	\$ 960.00	\$ 1.00	\$ 24.00	\$ 30.00	\$ 720.00
5	CHP 205	DUCTILE IRON WATER PIPE, 12"	2,313	LF	\$ 36.00	\$ 83,268.00	\$ 77.48	\$ 179,211.24	\$ 35.50	\$ 82,111.50
6	SP	RESTRAINED JOINT DUCTILE IRON WATER PIPE, 12"	191	LF	\$ 60.00	\$ 11,460.00	\$ 182.58	\$ 34,872.78	\$ 48.00	\$ 9,168.00
7	SP	POLYETHYLENE ENCASEMENT FOR 12" DIP WATER PIPE	83	LF	\$ 35.00	\$ 2,905.00	\$ 38.37	\$ 3,184.71	\$ 4.00	\$ 332.00
8	SP	RESTRAINED JOINT DUCTILE IRON WATER PIPE, 6"	24	LF	\$ 50.00	\$ 1,200.00	\$ 145.28	\$ 3,486.72	\$ 21.00	\$ 504.00
9	CHP 207	GATE VALVE WITH BOX, 12"	1	EA	\$ 8,000.00	\$ 8,000.00	\$ 4,044.67	\$ 4,044.67	\$ 2,700.00	\$ 2,700.00
10	CHP 207	GATE VALVE WITH BOX, 6"	4	EA	\$ 3,000.00	\$ 12,000.00	\$ 1,860.21	\$ 7,440.84	\$ 900.00	\$ 3,600.00
11	CHP 202	3" COMBINATION AIR RELEASE VALVE WITH MANHOLE	2	EA	\$ 8,000.00	\$ 16,000.00	\$ 6,458.19	\$ 12,916.38	\$ 5,000.00	\$ 10,000.00
12	CHP 204	#57 STONE FOR PIPE BEDDING	280	TN	\$ 30.00	\$ 8,400.00	\$ 39.93	\$ 11,180.40	\$ 35.00	\$ 9,800.00
13	CHP 204	#57 STONE FOR TRENCH STABILIZATION	210	TN	\$ 25.00	\$ 5,250.00	\$ 56.52	\$ 11,869.20	\$ 35.00	\$ 7,350.00
14	CHP 407	SELECT BACKFILL MATERIAL	450	CY	\$ 15.00	\$ 6,750.00	\$ 42.51	\$ 19,129.50	\$ 80.00	\$ 36,000.00
15	CHP 209	4.5' BURY HYDRANT	4	EA	\$ 4,000.00	\$ 16,000.00	\$ 3,724.07	\$ 14,896.28	\$ 3,600.00	\$ 14,400.00
16	CHP 209	EXTRA DEPTH FOR HYDRANTS	6	LF	\$ 500.00	\$ 3,000.00	\$ 714.63	\$ 4,287.78	\$ 400.00	\$ 2,400.00
17	CHP 207	IRON FITTINGS	2,380	LB	\$ 8.00	\$ 19,040.00	\$ 6.02	\$ 14,327.60	\$ 6.00	\$ 14,280.00
18	CHP 411	INCIDENTAL ABC STONE	70	TN	\$ 25.00	\$ 1,750.00	\$ 39.69	\$ 2,778.30	\$ 35.00	\$ 2,450.00
19	CHP 408	REMOVE & REPLACE ASPHALT DRIVEWAY	18	SY	\$ 70.00	\$ 1,260.00	\$ 234.75	\$ 4,225.50	\$ 150.00	\$ 2,700.00
20	CHP 408	REMOVE & REPLACE ROADWAY PAVEMENT	194	SY	\$ 70.00	\$ 13,580.00	\$ 112.04	\$ 21,735.76	\$ 175.00	\$ 33,950.00
21	CHP 409	REMOVE & REPLACE 6" CONCRETE FLATWORK	42	SY	\$ 70.00	\$ 2,940.00	\$ 282.02	\$ 11,844.84	\$ 85.00	\$ 3,570.00
22	SP	REMOVE & REPLACE 15" RCP	28	SY	\$ 50.00	\$ 1,400.00	\$ 144.84	\$ 4,055.52	\$ 40.00	\$ 1,120.00
23	SP	REMOVE & REPLACE 12" CMP	20	SY	\$ 50.00	\$ 1,000.00	\$ 83.51	\$ 1,670.20	\$ 40.00	\$ 800.00
24	CHP 416	CLEARING AND GRUBBING	1	LS	\$ 1,000.00	\$ 1,000.00	\$ 6,050.00	\$ 6,050.00	\$ 5,000.00	\$ 5,000.00
25	CHP 505	SEEDING AND MULCHING, LAWN AREAS	4,800	SY	\$ 1.00	\$ 4,800.00	\$ 0.99	\$ 4,752.00	\$ 1.00	\$ 4,800.00
26	SP	WATTLE	37	EA	\$ 50.00	\$ 1,850.00	\$ 72.60	\$ 2,686.20	\$ 150.00	\$ 5,550.00
27	SP	TREE PROTECTION FENCE	190	LF	\$ 5.00	\$ 950.00	\$ 2.42	\$ 459.80	\$ 5.00	\$ 950.00
28	CHP 404	TRAFFIC CONTROL	1	LS	\$ 8,000.00	\$ 8,000.00	\$ 28,628.60	\$ 28,628.60	\$ 50,000.00	\$ 50,000.00
TOTAL BID (sum of items 1-28)						\$327,883.00		\$441,985.07		\$457,963.50

KENDALE ROAD

Item	Section	Description	Quantity	Unit	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
29	CHP 402	MOBILIZATION (KENDALE ROAD)	1	LS	\$ 18,000.00	\$ 18,000.00	\$ 17,244.92	\$ 17,244.92	\$ 20,000.00	\$ 20,000.00
30	CHP 405	CONSTRUCTION STAKING (KENDALE ROAD)	1	LS	\$ 2,000.00	\$ 2,000.00	\$ 8,107.00	\$ 8,107.00	\$ 3,500.00	\$ 3,500.00
31	CHP 203	TRENCH AND BACKFILL FOR 8" DIP	2,608	LF	\$ 25.00	\$ 65,200.00	\$ 1.00	\$ 2,608.00	\$ 46.00	\$ 119,968.00
32	CHP 203	TRENCH AND BACKFILL FOR 6" DIP	20	LF	\$ 25.00	\$ 500.00	\$ 1.00	\$ 20.00	\$ 26.00	\$ 520.00
33	CHP 206	BORE 8" WATER LINE	39	LF	\$ 50.00	\$ 1,950.00	\$ 1,072.32	\$ 41,820.48	\$ 250.00	\$ 9,750.00
34	CHP 205	DUCTILE IRON WATER PIPE, 8"	2,608	LF	\$ 30.00	\$ 78,240.00	\$ 49.05	\$ 127,922.40	\$ 26.50	\$ 69,112.00
35	SP	RESTRAINED JOINT DUCTILE IRON WATER PIPE, 8"	36	LF	\$ 50.00	\$ 1,800.00	\$ 220.09	\$ 7,923.24	\$ 35.00	\$ 1,260.00
36	SP	POLYETHYLENE ENCASEMENT FOR 8" DIP WATER PIPE, DOUBLE WRAPPED	60	LF	\$ 30.00	\$ 1,800.00	\$ 55.06	\$ 3,303.60	\$ 4.00	\$ 240.00
37	CHP 205	DUCTILE IRON WATER PIPE, 6"	20	LF	\$ 30.00	\$ 600.00	\$ 158.27	\$ 3,165.40	\$ 27.00	\$ 540.00
38	CHP 414	STEEL ENCASEMENT BY BORING AND JACKING METHOD, 16"	35	LF	\$ 700.00	\$ 24,500.00	\$ 136.89	\$ 4,791.15	\$ 850.00	\$ 29,750.00
39	CHP 207	GATE VALVE WITH BOX, 8"	2	EA	\$ 3,500.00	\$ 7,000.00	\$ 2,018.99	\$ 4,037.98	\$ 1,350.00	\$ 2,700.00
40	CHP 207	GATE VALVE WITH BOX, 6"	4	EA	\$ 3,000.00	\$ 12,000.00	\$ 1,873.78	\$ 7,495.12	\$ 900.00	\$ 3,600.00
41	CHP 202	2" COMBINATION AIR RELEASE VALVE WITH MANHOLE	1	EA	\$ 7,000.00	\$ 7,000.00	\$ 5,170.61	\$ 5,170.61	\$ 4,075.00	\$ 4,075.00
42	CHP 204	#57 STONE FOR PIPE BEDDING	290	TN	\$ 30.00	\$ 8,700.00	\$ 39.93	\$ 11,579.70	\$ 35.00	\$ 10,150.00
43	CHP 204	#57 STONE FOR TRENCH STABILIZATION	220	TN	\$ 25.00	\$ 5,500.00	\$ 56.56	\$ 12,443.20	\$ 35.00	\$ 7,700.00
44	CHP 407	SELECT BACKFILL MATERIAL	470	CY	\$ 15.00	\$ 7,050.00	\$ 42.46	\$ 19,956.20	\$ 80.00	\$ 37,600.00
45	CHP 209	4.5' BURY HYDRANT	4	EA	\$ 5,000.00	\$ 20,000.00	\$ 3,724.07	\$ 14,896.28	\$ 3,600.00	\$ 14,400.00
46	CHP 207	IRON FITTINGS	1,015	LB	\$ 8.00	\$ 8,120.00	\$ 8.16	\$ 8,282.40	\$ 6.00	\$ 6,090.00
47	CHP 411	INCIDENTAL ABC STONE	100	TN	\$ 25.00	\$ 2,500.00	\$ 39.69	\$ 3,969.00	\$ 35.00	\$ 3,500.00
48	CHP 416	CLEARING AND GRUBBING	1	LS	\$ 1,000.00	\$ 1,000.00	\$ 6,050.00	\$ 6,050.00	\$ 5,000.00	\$ 5,000.00
49	CHP 505	TEMPORARY SILT FENCE	2,351	LF	\$ 5.00	\$ 11,755.00	\$ 2.42	\$ 5,689.42	\$ 5.00	\$ 11,755.00
50	CHP 505	STONE OUTLET FOR SILT FENCE	11	EA	\$ 400.00	\$ 4,400.00	\$ 272.25	\$ 2,994.75	\$ 300.00	\$ 3,300.00
51	CHP 505	SEEDING AND MULCHING, LAWN AREAS	5,200	SY	\$ 1.00	\$ 5,200.00	\$ 0.99	\$ 5,148.00	\$ 1.00	\$ 5,200.00
52	SP	WATTLE	5	EA	\$ 50.00	\$ 250.00	\$ 72.60	\$ 363.00	\$ 150.00	\$ 750.00
53	CHP 404	TRAFFIC CONTROL	1	LS	\$ 8,000.00	\$ 8,000.00	\$ 19,916.60	\$ 19,916.60	\$ 50,000.00	\$ 50,000.00
TOTAL BID (sum of items 29-53)						\$303,065.00		\$344,898.45		\$420,460.00
GRAND TOTAL (Items 1 -53)						\$630,948.00		\$786,883.52		\$878,423.50

BID TOTAL DIFFERENT DUE TO
CONTRACTOR MATH ERROR IN
LINE ITEM 3

WILLARD DAIRY ROAD AND KENDALE ROAD WATER MAIN EXTENSIONS





**FORMAL BID RECOMMENDATION
REQUEST FOR COUNCIL APPROVAL**

DEPARTMENT: **Public Services**

COUNCIL AGENDA DATE: **Oct 7, 2019**

BID NO.: **06-091819** CONTRACT NO.: DATE OPENED: **Sep 18, 2019**

DESCRIPTION:

Willard Dairy Road and Kendale Road Water Main Extensions

PURPOSE:

The City has budgeted for a 12-inch diameter water main extension along Willard Dairy Road and an 8-inch diameter water main extension along Kendale Road. The water main extensions will improve water quality, fire protection, and provide future service to residential and commercial development within these areas.

COMMENTS:

This project will loop existing water mains and provide service to future residential subdivisions and commercial developments. The Kendale Road water main extension is approximately 2,600 lf and the Willard Dairy Road water main extension is approximately 2,500 lf.

RECOMMEND AWARD TO: **Breece Enterprises Inc.** AMOUNT: **\$630,948.00**

JUSTIFICATION:

Breece Enterprises Inc. was the low bidder of the three (3) qualified bids that were submitted at bid opening on 9/18/19.

ACCOUNTING UNIT	ACCOUNT	ACTIVITY	CATEGORY	BUDGETED AMOUNT
421779	533701	421191029805	40202	327,883.00
421779	533701	421191029905	40202	303,065.00
TOTAL BUDGETED AMOUNT				630,948.00

DEPARTMENT HEAD: **Terry Houk** Digitally signed by Terry Houk Date: 2019.09.23 18:35:18 -04'00' DATE: **Sep 23, 2019**

The Purchasing Division concurs with recommendation submitted by the **Public Services Dept.** and recommends award to the lowest responsible, responsive bidder **Breece Enterprises Inc.** in the amount of \$ **630,948.00**.

PURCHASING MANAGER: **Erik Conti** Digitally signed by Erik Conti Date: 2019.09.26 13:24:08 -04'00' DATE: **Sep 26, 2019**

Approved for Submission to Council
FINANCIAL SERVICES DIRECTOR: **Bobby Fitzjohn** Digitally signed by Bobby Fitzjohn Date: 2019.09.26 13:26:54 -04'00' DATE: **Sep 26, 2019**

CITY MANAGER: **Greg Demko** Digitally signed by Greg Demko Date: 2019.09.26 14:19:45 -04'00' DATE: **Sep 26, 2019**