CITY OF GREENACRES

Council Agenda Memo
2016.05TL3.027

TO: Mayor and City Council

THROUGH: Andrea McCue, City Manager

FROM: Thomas J. Lanahan, Assistant City Manager/Planning and Engineering Director
Thomas A. Hughes, Finance Director/Purchasing Agent

SUBJECT: **Bid Award for Original Section Drainage Improvements Phase 2**
Bid Number 16-007
City Council Agenda Item for 06-06-16

DATE: May 27, 2016

COPIES: James D. Stokes City Attorney
Denise McGrew, City Clerk
CDBG 2015-2016 Original Section Drainage Improvements Phase 2

Background:

Due to Tropical Storm Isaac August 26-28, 2012 and the resulting street flooding in the Original Section neighborhood, the City initiated a survey and study (CIP No. 193) of the area's stormwater drainage. The Original Section was developed starting in 1925 and does not have a formal drainage system as would be installed in a modern subdivision. Stormwater is currently directed to the street swales and unpaved rear alleys with eventual discharge to the L-11 Canal which runs east-west through the center of the neighborhood. Much of the stormwater is handled through percolation into the ground due to the area's sandy soil, however this does not function well when the water table rises during periods of prolonged rain.

The survey and study identified that the south end of the neighborhood would benefit from an east-west collection and conveyance pipe along First Street to deliver water from the alleys to an outfall to the E-3 Canal, which runs along the west side of the area. The study also identified that the alleys needed to be regraded to increase their storage capacity and more positively direct water to the L-11 Canal as well as needed improvements to the outfalls to the L-11 Canal.

Phase 1 consisting of improvements along the west half (Swain Boulevard to the E-3 Canal) of the First Street system, including adjacent improvements to the connections between the street drains and the alleys, was completed on February 29, 2016.

The proposed Phase 2 alleyway reconstruction will regrade the alleys and utilize the new improvements on First Street as well as the L-11 Canal to manage stormwater within the area bounded by First Street, the E-3 Canal, the L-11 Canal and Swain Boulevard. The Phase 2 project will be funded in part with a Community Development Block Grant.

The east half of the First Street piping and the remainder of the alley grading and L-11 outfall improvements will be undertaken as additional phases in future years of the Capital Improvement Program. These future phases are also anticipated to be partially funded with Community Development Block Grants.

The Purchasing Division of the Finance Department advertised Bid No. 16-007 in the Palm Beach Post on February 28, 2016. The bid package included a Base Bid for alleyway regrading, excavation of swales, culvert replacement and pavement restoration and an Alternate to replace four (4) outfalls from alleys into the L-11 Canal. Two (2) bid proposals were received on March 30, 2016. A copy of the bid tabulation is attached.

Analysis:

The attached bid tabulation sheet summarizes the bid results received from 2 companies. Johnson-Davis, Inc. submitted the low Base Bid, in the amount of $212,340.00 and an Alternate Bid in the amount of $90,010.00. Completion time was established as one hundred twenty (120) calendar days. Johnson Davis, Inc. has been in business for 38 years, had good references and recently completed the Original Section Drainage Improvement Phase 1 project for the City. Based on satisfactory evaluation of the bid proposal and reference checks, Johnson-Davis, Inc. was determined to be the lowest responsive responsible bidder. Due to the high cost of the Alternate, this work will be undertaken in a future phase and award is not prudent at this time.

After opening the bids, the City approached Palm Beach County's Department of Economic Sustainability (DES) who administers the CDBG program to request additional funds. They agreed to fund half of the difference between the low base bid and the City's budget. This gap was $17,340 and, therefore, the CDBG amount was increased by $8,670. This arrangement was formalized through the City's approval of an amended grant agreement on May 16, 2016 (Resolution 2016-23) and the County's approval of the amendment to take place on June 7, 2016. The time needed to arrange for the additional funds delayed bid award. In consideration of the effect on the contractor's schedule (they have taken on other projects in the meantime) and for holding their price, the City has agreed to extend project completion to one hundred fifty (150) calendar days.

Financial:

The project was budgeted for $195,000.00 in Fiscal Year 2016 Capital Improvement Program Project No. 193 and the remaining account balance is $195,000.00. Through a budget adjustment approved by the City Council on June 6, 2016 through Ordinance 2016-13, the account balance has been increased by $17,340 and the resulting total is $212,340. Furthermore, the FY 2015-2016 CDBG grant will fund $134,437 of the cost of the project, thus reducing the funds required from the City.

Legal:

The bid was prepared and conducted in accordance with applicable City Code requirements.

Staff Recommendation:

Award Bid Number 16-007 to the lowest responsive, responsible bidder Johnson Davis, Inc. for the Base Bid amount of $212,340.00 with a contract completion time of one hundred fifty (150) days.

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Thomas J. Lanahan
Assistant City Manager
Planning and Engineering Director

Thomas A. Hughes
Finance Director
Purchasing Agent

Attachments:
1. Bid Tabulation
2. Engineer's Recommendation

CITY OF GREENACRES BID TABULATION

Notice of Bid:	February 28, 2016	**Department:**	Planning
Advertisement in Palm Beach Post/City Website:	February 28, 2016	**Opening Date:**	March 30, 2016
Bid Number:	16-007	**Opened By:**	Monica Powery
Description:	Original Section Drainage Improvement Phase 2	**Witnessed By:**	Randi Whitcomb

Vendor Name:	Johnson - Davis, Inc.	Foster Marine Contractors, Inc.
Address:	604 Hilbrath Drive Lantana, FL 33462	3180 Fairlane Farms Road, Suite 1 Wellington, FL 33414
Phone:	561-588-1170	561-683-0034
Fax:	561-585-5252	561-683-0335

Item	Description	Qty	Unit Cost	Extended Cost	Unit Cost	Extended Cost
BASE BID						
1	MOBILIZATION	1	$ 4,500.00	$ 4,500.00	$ 13,200.00	$ 13,200.00
2	MAINTENANCE OF TRAFFIC	1	$ 4,000.00	$ 4,000.00	$ 5,100.00	$ 5,100.00
3	ALL DEMOLITION/REMOVAL/TREE REMOVAL/ DISPOSAL REQUIRED TO CONSTRUCT PROJECT	1	$ 3,500.00	$ 3,500.00	$ 12,000.00	$ 12,000.00
4	12" STABILIZED SUBGRADE LBR 40 (FOR PAVEMENT RESTORATION)	50	$ 10.00	$ 500.00	$ 49.00	$ 2,450.00
5	12" COMPACTED SUBGRADE (SIDEWALK)	92	$ 5.00	$ 460.00	$ 26.00	$ 2,392.00
6	8" LIMEROCK BASE LBR 100 (FOR PAVEMENT RESTORATION)	50	$ 30.00	$ 1,500.00	$ 33.00	$ 1,650.00
7	1-1/2" TYPE S-III ASPHALTIC CONCRETE SURFACE (TWO ¾" LIFTS) (FOR PAVEMENT REST.)	50	$ 30.00	$ 1,500.00	$ 52.00	$ 2,600.00
8	ALLOWANCE FOR CONFLICTS			$ 5,000.00		$ 5,000.00
9	CONCRETE SIDEWALK 6" THICK	36	$ 60.00	$ 2,160.00	$ 74.00	$ 2,664.00
10	14"X23" RCP STORM DRAINAGE PIPE 0'-6' DEPTH (INCLUDE SOD RESTORATION AND DEWATERING FOR INSTALLATION)	200	$ 90.00	$ 18,000.00	$ 144.00	$ 28,800.00
11	18" RCP STORM DRAINAGE PIPE 0'-6' DEPTH (INCLUDE SOD RESTORATION AND DEWATERING FOR INSTALLATION)	60	$ 120.00	$ 7,200.00	$ 100.00	$ 6,000.00
12	MITERED END FOR 14"X23" PIPE	8	$ 1,000.00	$ 8,000.00	$ 1,000.00	$ 8,000.00
13	FDOT TYPE E DITCH BOTTOM INLET DRAINAGE STRUCTURE W/ H-20 STEEL GRATE (INCLUDE SOD RESTORATION AND DEWATERING FOR INSTALLATION)	8	$ 3,000.00	$ 24,000.00	$ 3,700.00	$ 29,600.00
14	EXCAVATE, HAUL, REGRADE, RESOD, RESTORE DITCHES 1, 2, 3, & 4	6,800	$ 17.00	$ 115,600.00	$ 23.00	$ 156,400.00
15	REQUIRED TESTING	1	$ 1,000.00	$ 1,000.00	$ 4,600.00	$ 4,600.00
16	PREPARE AND PROVIDE ALL STAKE OUT AND ASBUILTS (INCLUDE DITCH SECTIONS)	1	$ 8,000.00	$ 8,000.00	$ 16,000.00	$ 16,000.00
17	NPDES (SILT FENCE, INLET FABRIC ETC...)	1	$ 500.00	$ 500.00	$ 7,500.00	$ 7,500.00
18	6" CONCRETE OVER PIPE AT MITERED ENDS	68	$ 60.00	$ 4,080.00	$ 127.00	$ 8,636.00
19	12" STABILIZED SUBGADE LBR 40 FOR EMBANKMENT	284	$ 10.00	$ 2,840.00	$ 19.00	$ 5,396.00
		TOTAL BASE BID		**$ 212,340.00**		**$ 317,988.00**
BID ALTERNATE NO. 1						
1	MOBILIZATION	1	$ 2,100.00	$ 2,100.00	$ 6,000.00	$ 6,000.00
2	MAINTENANCE OF TRAFFIC	1	$ 3,500.00	$ 3,500.00	$ 2,500.00	$ 2,500.00
3	ALL DEMOLITION/REMOVAL/TREE REMOVAL/ DISPOSAL REQUIRED TO CONSTRUCT PROJECT	1	$ 4,000.00	$ 4,000.00	$ 11,000.00	$ 11,000.00
4	12" STABILIZED SUBGRADE LBR 40 (FOR PAVEMENT RESTORATION)	116	$ 10.00	$ 1,160.00	$ 28.00	$ 3,248.00
5	12" COMPACTED SUBGRADE (SIDEWALK)	58	$ 5.00	$ 290.00	$ 32.00	$ 1,856.00
6	8" LIMEROCK BASE LBR 100 (FOR PAVEMENT RESTORATION)	116	$ 30.00	$ 3,480.00	$ 31.00	$ 3,596.00
7	1-1/2" TYPE S-III ASPHALTIC CONCRETE SURFACE (TWO ¾" LIFTS) (FOR PAVEMENT REST.)	116	$ 30.00	$ 3,480.00	$ 51.00	$ 5,916.00
8	ALLOWANCE FOR CONFLICTS			$ 5,000.00		$ 5,000.00
9	CONCRETE SIDEWALK 6" THICK	18	$ 60.00	$ 1,080.00	$ 85.00	$ 1,530.00
10	14"X23" RCP STORM DRAINAGE PIPE 0'-6' DEPTH (INCLUDES SOD RESTORATION AND DEWATERING FOR RESTORATION)	112	$ 90.00	$ 10,080.00	$ 125.00	$ 14,000.00
11	18" RCP STORM DRAINAGE PIPE 0'-6' DEPTH (INCLUDES SOD RESTORATION AND DEWATERING FOR INSTALLATION)	228	$ 100.00	$ 22,800.00	$ 120.00	$ 27,360.00
13	MITERED END FOR 14"X23" PIPE	4	$ 1,000.00	$ 4,000.00	$ 1,050.00	$ 4,200.00
14	FDOT TYPE E DITCH BOTTOM INLET DRAINAGE STRUCTURE W/ H-20 STEEL GRATE (INCLUDES SOD RESTORATION AND DEWATERING FOR INSTALLATION)	4	$ 3,000.00	$ 12,000.00	$ 3,500.00	$ 14,000.00
15	CONCRETE ENDWALL PER FDOT (INCLUDE SOD/BANK RESTORATION)	4	$ 2,000.00	$ 8,000.00	$ 4,200.00	$ 16,800.00
16	REQUIRED TESTING	1	$ 1,500.00	$ 1,500.00	$ 2,900.00	$ 2,900.00
17	PREPARE AND PROVIDE ALL REQUIRED ASBUILTS	1	$ 5,000.00	$ 5,000.00	$ 7,800.00	$ 7,800.00
18	NPDES (SILT FENCE, INLET FABRIC ETC...)	1	$ 500.00	$ 500.00	$ 6,800.00	$ 6,800.00
19	6" CONCRETE OVER PIPE AT MITERED ENDS	34	$ 60.00	$ 2,040.00	$ 127.00	$ 4,318.00
		TOTAL BID ALTERNATE NO. 1		**$ 90,010.00**		**$ 138,824.00**

CITY OF GREENACRES BID TABULATION

Note: All recommendations for award are unofficial until City Council approval

May 11, 2015

Mr. Terry Siegall, AIA
Capital Projects Coordinator
Planning and Engineering Department
City of Greenacres
5800 Melaleuca Lane
Greenacres, Florida 33463

RE: ORIGINAL SECTION DRAINAGE IMPROVEMENTS PHASE 2, DITCHES 1 TO 4
CITY OF GREENACRES BID NO. 16-007
CTA PROJECT NO. 13-0053-001-04

CRAVEN THOMPSON
& ASSOCIATES INC.
Engineers
Planners
Surveyors
Landscape Architects

Dear Terry:

Attached is the Bid Tabulation for the referenced project. Johnson-Davis, Inc. submitted the lowest base bid in the amount of $212,340.00.

Craven Thompson and Associates, Inc. (CTA) has reviewed the bid package provided by Johnson-Davis, Inc., which includes contacting, and confirming the project references provided by Johnson-Davis, Inc., as well as review of the project experience and company resources provided within the bid package submitted by Johnson-Davis, Inc. Based on the information provided in the bid package, CTA believes Johnson-Davis, Inc. is the low responsive and responsible bidder.

As a result of our review and conformance with the bid proposal, CTA has no objection to the City of Greenacres awarding the contract for Original Section Drainage Improvements Phase 2 Ditches 1 to 4 to Johnson-Davis, Inc. in the amount of $212,340.00.

Sincerely,

CRAVEN THOMPSON & ASSOCIATES, INC.

LEONARD Z. GAMBLE, P.E.
Senior Engineer

LZG/tg

Attachment

3563 N.W. 53rd Street
Fort Lauderdale, FL 33309-6311
(954)739-6400
Fax (954) 739-6409