



City of San Leandro

Meeting Date: July 7, 2014

Staff Report

File Number: 14-272

Agenda Section: CONSENT CALENDAR

Agenda Number: 8.H.

TO: City Council

FROM: Chris Zapata
City Manager

BY: Uchenna Udemezue
Engineering & Transportation Director

FINANCE REVIEW: David Baum
Finance Director

TITLE: Staff Report for a Resolution Awarding a Construction Contract to Flatiron Electric Group, Inc. for the Fiber Conduit for Broadband Network Project, Project No. 2013.0320

SUMMARY AND RECOMMENDATIONS

The subject project will install conduit and pull boxes ready for the insertion of fiber optic communication cable.

Staff recommends that the City Council award the contract to the lowest responsible bidder, Flatiron Electric Group, Inc., in the amount of \$1,325,350.00 for the subject project.

BACKGROUND

In partnership with Lit San Leandro and to promote business growth in the local area, the City desires to expand its high speed communication infrastructure into underserved industrial areas of the City. The City applied for and acquired grant funding from the United States Economic Development Agency (EDA) for installation of communications conduit. The project will expand the City's communications network capability by installing approximately seven miles of conduit ready to receive fiber optic cable.

The project included, as a base bid, the installation of a single two (2) inch diameter conduit. During the design process, an alternative installation of three 1-1/4 inch diameter conduits was considered. This alternative had advantages over the single conduit if additional fiber optic cable installations were desired in the future. Solicitations for bids included requests for both conduit options. The base bid option was designated as the method for determining the order of bids.

Analysis

The bids were opened on June 24, 2014. Six (6) bids were received ranging from \$1,258,262

to \$3,669,080 for the base bid option. Flatiron Electric Group, Inc. (Flatiron) was determined by staff to be the lowest responsible bidder. Flatiron's proposal for the optional conduit was \$67,088. Flatiron's total construction cost of \$1,325,350 is within the engineer's estimate for all work of \$1,740,465. Staff therefore recommends the inclusion of the alternate conduit in the project.

Staff verified that the contractor has a valid license with the Contractor's State License Board.

Environmental Review

The project has been determined categorically exempt from CEQA per section 15304(f) Minor Alteration to Land.

Permits and/or Variances Granted

Caltrans issued an Encroachment permit for the segment of work within the State right of way.

Union Pacific issued seven individual Wireline Crossing Agreements for the locations where the project crosses railroad right of way.

Fiscal Impacts

The total cost of this project including design, permits, construction, contingencies and construction management is estimated at \$2,300,000.

Budget Authority

The total appropriation for the Project is funded from the following sources:

EDA Grant	150-38-347	\$2,121,000
Developer Fees for Street Improvements (DFSI)	120-38-347	150,000
Capital Improvement Project Fund	210-38-347	<u>352,000</u>
Total		\$2,623,000

Through June 25, 2014 \$171,000 has been expended with the remaining balance of \$2,452,000.

ATTACHMENTS

- Bid Summary

PREPARED BY: John O'Driscoll, Associate Engineer, Engineering and Transportation Department

BID SUMMARY



This document is a summary of bids received for the subject project and are provided only as a convenience. Listing of a particular bid is not a finding that such bid has been found to be responsive or accepted as complete by the City. An award of contract, if any, is subject to approval of the City Council and/or the City Manager. Contractors should refer to the contract documents for bidding information.

PROJECT TITLE: Fiber Conduit for Broadband Network
 PROJECT NO.: 2013.032
 BID NO.: 13-14.017

BID OPENING		ENGINEER'S ESTIMATE				Flatiron Electric Group, Inc.		Columbia Electric, Inc.		Tennyson Electric, Inc.	
DATE: Tuesday, June 24, 2014		Date Approved: 06/11/2014				7911-A Pine Avenue		1980 Davis Street		7275 National Drive	
TIME: 3:00 p.m.		Prepared by: J. O'Driscoll				Chino, CA 91708		San Leandro, CA 94577		Livermore, CA 94550	
LOCATION: City Clerk's Office						Phone: (714) 228-9631		Phone: (510) 430-9505		Phone: (925) 606-1038	
						Fax: (909) 597-9151		Fax: (510) 430-1860		Fax: (925) 606-7656	
ITEM NO.	ITEM	QUANTITY	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST	
BASE BID											
1	Mobilization	1 LS	\$90,000.00	\$90,000.00	\$100,000.00	\$100,000.00	\$128,000.00	\$128,000.00	\$65,000.00	\$65,000.00	
2	Traffic Control and Stationary Construction Area Signs	1 LS	\$120,000.00	\$120,000.00	\$30,000.00	\$30,000.00	\$75,000.00	\$75,000.00	\$92,500.00	\$92,500.00	
3	Sheeting, Shoring & Bracing	1 LS	\$40,000.00	\$40,000.00	\$5,000.00	\$5,000.00	\$32,000.00	\$32,000.00	\$24,500.00	\$24,500.00	
4	Potholing	1 LS	\$130,000.00	\$130,000.00	\$189,000.00	\$189,000.00	\$43,000.00	\$43,000.00	\$68,500.00	\$68,500.00	
5	Asbestos Abatement	1 LS	\$12,000.00	\$12,000.00	\$3,700.00	\$3,700.00	\$17,500.00	\$17,500.00	\$7,841.00	\$7,841.00	
6	Furnish and Install 2 inch Conduit in Ground (Final Quantity)	38336 LF	\$25.00	\$958,400.00	\$17.00	\$651,712.00	\$23.00	\$881,728.00	\$28.00	\$1,073,408.00	
7	Furnish and Install 2 inch Conduit in Abandoned Pipeline (Final Quantity)	2025 LF	\$9.00	\$18,225.00	\$6.00	\$12,150.00	\$2.15	\$4,353.75	\$6.00	\$12,150.00	
8	Furnish and Install Pull Box	68 EA	\$2,500.00	\$170,000.00	\$1,900.00	\$129,200.00	\$1,250.00	\$85,000.00	\$950.00	\$64,600.00	
9	Furnish and Install Manhole	15 EA	\$5,000.00	\$75,000.00	\$7,500.00	\$112,500.00	\$3,700.00	\$55,500.00	\$6,000.00	\$90,000.00	
10	Replace existing pull box	4 EA	\$2,000.00	\$8,000.00	\$2,000.00	\$8,000.00	\$1,750.00	\$7,000.00	\$1,000.00	\$4,000.00	
11	Extend conduit into existing pull box or manhole	10 EA	\$1,500.00	\$15,000.00	\$1,000.00	\$10,000.00	\$500.00	\$5,000.00	\$1,650.00	\$16,500.00	
12	Furnish and install 8" PVC Extensions into Manholes	1 LS	\$8,000.00	\$8,000.00	\$7,000.00	\$7,000.00	\$12,000.00	\$12,000.00	\$18,200.00	\$18,200.00	
TOTAL BASE BID:				\$1,644,625.00		\$1,258,262.00		\$1,346,081.75		\$1,537,199.00	
ADDITIVE BID											
A1	Price difference to replace single 2 inch conduit with Bundled conduits (3 x 1-1/4 inch) (Final Quantity)	38336 LF	\$2.50	\$95,840.00	\$1.75	\$67,088.00	\$0.85	\$32,585.60	\$3.00	\$115,008.00	

BID SUMMARY

PROJECT TITLE: Fiber Conduit for Broadband Network

PROJECT NO.: 2013.032

BID NO.: 13-14.017

BID OPENING		ENGINEER'S ESTIMATE		Flatiron Electric Group, Inc.		Columbia Electric, Inc.		Tennyson Electric, Inc.			
DATE: Tuesday, June 24, 2014		Date Approved: 06/11/2014		7911-A Pine Avenue		1980 Davis Street		7275 National Drive			
TIME: 3:00 p.m.		Prepared by: J. O'Driscoll		Chino, CA 91708		San Leandro, CA 94577		Livermore, CA 94550			
LOCATION: City Clerk's Office				Phone: (714) 228-9631		Phone: (510) 430-9505		Phone: (925) 606-1038			
				Fax: (909) 597-9151		Fax: (510) 430-1860		Fax: (925) 606-7656			
ITEM NO.	ITEM	QUANTITY	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST	
TOTAL ADDITIVE BID:				\$95,840.00			\$67,088.00			\$32,585.60	\$115,008.00
TOTAL BASE BID:				\$1,644,625.00			\$1,258,262.00			\$1,346,081.75	\$1,537,199.00
TOTAL ADDITIVE BID:				\$95,840.00			\$67,088.00			\$32,585.60	\$115,008.00
TOTAL BID:				\$1,740,465.00			\$1,325,350.00			\$1,378,667.35	\$1,652,207.00
SUBCONTRACTORS:				Baileys Trenchless, Inc.		None		Cal, Inc.			
SECURITIES:				10% Bid Bond		10% Bid Bond		10% Bid Bond			
NOTES:				** Addendum #1 Received		** Addendum #1 Received		** Addendum #1 Received			

Reviewed by: John O'Driscoll Date: 6/24/14
 John O'Driscoll, Project Manager

Reviewed by: Ken Joseph Date: 6/23/14
 Ken Joseph, City Engineer

BID SUMMARY



PROJECT TITLE: Fiber Conduit for Broadband Network
PROJECT NO.: 2013.032
BID NO.: 13-14.017

BID OPENING		ENGINEER'S ESTIMATE			Golden State Utility Company		Ranger Pipelines, Inc.		Roadway Engineering Works, Inc.	
DATE: Tuesday, June 24, 2014 TIME: 3:00 p.m. LOCATION: City Clerk's Office		Date Approved: 06/11/2014 Prepared by: J. O'Driscoll			4425 Farm Supply Drive Ceres, CA 95307 Phone: (209) 579-3400 Fax: (209) 579-3497		P.O. Box 24109 San Francisco, CA 94124 Phone: (415) 822-3700 Fax: (415) 822-3703		3442 6th Street Ceres, CA 95307 Phone: (209) 541-0920 Fax: (209) 541-1065	
ITEM NO.	ITEM	QUANTITY	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST
BASE BID										
1	Mobilization	1 LS	\$90,000.00	\$90,000.00	\$6,120.00	\$6,120.00	\$100,000.00	\$100,000.00	\$120,000.00	\$120,000.00
2	Traffic Control and Stationary Construction Area Signs	1 LS	\$120,000.00	\$120,000.00	\$71,425.00	\$71,425.00	\$50,000.00	\$50,000.00	\$68,000.00	\$68,000.00
3	Sheeting, Shoring & Bracing	1 LS	\$40,000.00	\$40,000.00	\$14,150.00	\$14,150.00	\$20,000.00	\$20,000.00	\$5,000.00	\$5,000.00
4	Potholing	1 LS	\$130,000.00	\$130,000.00	\$235,265.00	\$235,265.00	\$30,000.00	\$30,000.00	\$76,000.00	\$76,000.00
5	Asbestos Abatement	1 LS	\$12,000.00	\$12,000.00	\$4,830.00	\$4,830.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
6	Furnish and Install 2 inch Conduit in Ground (Final Quantity)	38336 LF	\$25.00	\$958,400.00	\$36.30	\$1,391,596.80	\$80.00	\$3,066,880.00	\$20.00	\$766,720.00
7	Furnish and Install 2 inch Conduit in Abandoned Pipeline (Final Quantity)	2025 LF	\$9.00	\$18,225.00	\$32.00	\$64,800.00	\$40.00	\$81,000.00	\$10.00	\$20,250.00
8	Furnish and Install Pull Box	68 EA	\$2,500.00	\$170,000.00	\$6,700.00	\$455,600.00	\$3,200.00	\$217,600.00	\$2,700.00	\$183,600.00
9	Furnish and Install Manhole	15 EA	\$5,000.00	\$75,000.00	\$11,400.00	\$171,000.00	\$5,000.00	\$75,000.00	\$5,500.00	\$82,500.00
10	Replace existing pull box	4 EA	\$2,000.00	\$8,000.00	\$7,270.00	\$29,080.00	\$3,400.00	\$13,600.00	\$2,700.00	\$10,800.00
11	Extend conduit into existing pull box or manhole	10 EA	\$1,500.00	\$15,000.00	\$3,355.00	\$33,550.00	\$500.00	\$5,000.00	\$1,000.00	\$10,000.00
12	Furnish and install 8" PVC Extensions into Manholes	1 LS	\$8,000.00	\$8,000.00	\$18,920.00	\$18,920.00	\$5,000.00	\$5,000.00		\$0.00 **
TOTAL BASE BID:				\$1,644,625.00		\$2,496,336.80		\$3,669,080.00		\$1,347,870.00
ADDITIVE BID										
A1	Price difference to replace single 2 inch conduit with Bundled conduits (3 x 1-1/4 inch) (Final Quantity)	38336 LF	\$2.50	\$95,840.00	\$1.10	\$42,169.60	\$35.00	\$1,341,760.00		\$0.00 **

BID SUMMARY

PROJECT TITLE: Fiber Conduit for Broadband Network

PROJECT NO.: 2013.032

BID NO.: 13-14.017

BID OPENING		ENGINEER'S ESTIMATE		Golden State Utility Company	Ranger Pipelines, Inc.	Roadway Engineering Works, Inc.			
DATE: Tuesday, June 24, 2014		Date Approved: 06/11/2014		4425 Farm Supply Drive	P.O. Box 24109	3442 6th Street			
TIME: 3:00 p.m.		Prepared by: J. O'Driscoll		Ceres, CA 95307	San Francisco, CA 94124	Ceres, CA 95307			
LOCATION: City Clerk's Office				Phone: (209) 579-3400	Phone: (415) 822-3700	Phone: (209) 541-0920			
				Fax: (209) 579-3497	Fax: (415) 822-3703	Fax: (209) 541-1065			
ITEM NO.	ITEM	QUANTITY	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST	
TOTAL ADDITIVE BID:				\$95,840.00		\$42,169.60		\$1,341,760.00	\$0.00
TOTAL BASE BID:				\$1,644,625.00		\$2,496,336.80		\$3,669,080.00	\$1,347,870.00
TOTAL ADDITIVE BID:				\$95,840.00		\$42,169.60		\$1,341,760.00	\$0.00
TOTAL BID:				\$1,740,465.00		\$2,538,506.40		\$5,010,840.00	\$1,347,870.00
SUBCONTRACTORS:				Chrisp Company	Economy Trucking	None			
				Clark Pest Control					
				Precision Drilling, Inc.					
				Alecka Paving, Inc.					
				Leo Tidwell Excavating Corp.					
				Parc Environmental					
SECURITIES:				10% Bid Bond	10% Bid Bond	10% Bid Bond			
				** Addendum #1 Received	**Addendum #1 Received	** Addendum #1 Not Received			
NOTES:									

Reviewed by: John O'Driscoll Date: 6/24/14
 John O'Driscoll, Project Manager

Reviewed by: Ken Joseph Date: 6/25/14
 Ken Joseph, City Engineer



City of San Leandro

Meeting Date: July 7, 2014

Resolution - Council

File Number: 14-273 **Agenda Section:** CONSENT CALENDAR

Agenda Number:

TO: City Council

FROM: Chris Zapata
City Manager

BY: Uchenna Udemezue
Engineering & Transportation Director

FINANCE REVIEW: David Baum
Finance Director

TITLE: RESOLUTION Awarding a Construction Contract to Flatiron Electric Group, Inc. for the Fiber Conduit for Broadband Network Project, Project No. 2013.0320 (awards the contract to the lowest responsible bidder in the amount of \$1,325,350.00 to be paid from United States Economic Development Agency grant funding)

WHEREAS, the City of San Leandro did, on June 24, 2014 publicly open, examine and declare all sealed proposals or bids for doing the work described in the bid documents for the subject project; and

WHEREAS, said proposals were submitted to the Engineering and Transportation Director who has found that the proposal hereinafter mentioned is the lowest responsive bid by a responsible bidder for doing said work; and

WHEREAS, the subject project was determined categorically exempt from California Environmental Quality Act (CEQA) per section 15304(f) Minor Alteration to Land.

NOW, THEREFORE, the City Council of the City of San Leandro does RESOLVE as follows:

That said City Council hereby rejects all of said proposals or bids except that herein mentioned; hereby waives any irregularities in the proposal or bid of the lowest responsible bidder; and hereby awards the contract for doing said work to the lowest responsible bidder therefore, to wit Flatiron Electric Group, Inc., at the prices named in its bid on file in the Office of the City Clerk.

BE IT FURTHER RESOLVED:

That if the above named contractor is unable to execute the contract, then the City Manager is authorized to award this contract to the next lowest responsible bidder, execute all documents to effect the award, and take all actions necessary to recover any bid security from

the low bidder necessary to make the City whole in its acceptance of the lowest bid.