

Agenda Report Reviewed by:
City Manager: 

CITY OF SEBASTOPOL
CITY COUNCIL
STAFF REPORT

Meeting Date: November 21, 2017
To: Honorable Mayor and Honorable City Councilmembers
From: Henry Mikus, Engineering Manager
Subject: Approval of Acceptance of Bids for Contract number 2017-07, HAWK Crosswalk Installation at the Bodega Avenue – Nelson Way Intersection.

Recommendation: Adopt a Minute Order authorizing the City Manager to execute Contract with Mike Brown Electric Company.

Funding: Currently Budgeted: Yes No N/A
Net General Fund Cost: \$ none

The engineer’s cost estimate is \$271,876 and the low bid was \$245,143; funds are available from the Traffic Impact Fund code 700-23-51-9901, Project Management code TRRC18-07403.

INTRODUCTION:

This item is to request the City Council approve staff to enter into a contract with the Mike Brown Electric Company for installing a HAWK flashing light crosswalk warning system at the intersection of Bodega Avenue and Nelson Way, for \$245,143.

BACKGROUND:

In 2016 the City Council held a discussion regarding safety along the Bodega Avenue Corridor. One action stemming from this discussion was the City commissioned a safety study for the Bodega Avenue corridor with the aim of identifying areas where additional safety enhancements could be implemented. Five intersections were identified as suitable for additional pedestrian safety measures, which included the Bodega Avenue/Nelson Way intersection. Bodega/Nelson was selected as the first priority, and the City Council authorized using a HAWK system. HAWK protected crosswalks offer an added layer of safety by using red (rather than amber) lights because such lights make stopping by vehicles compulsory (such as at a red light) rather than elective (such as with amber flashing traffic lights).

The five intersection projects were programmed into the City Capital Improvement Plan (CIP) as part of the very next cycle which occurred in Spring 2017. The CIP is the vehicle for scheduling and determining funding sources for City construction projects. With CIP approval by the Council in June 2017, work began on the Bodega/Nelson design.

DISCUSSION:

The engineering consultant, W-Trans has prepared a design with a bid package for installing a HAWK signal at the intersection, which includes some improvements to the median strip and curbs. The project went to bid, and three bids were received:

Mike Brown Electric Company	\$245,143.00
St. Francis Electric, LLC.	\$265,476.00
Pat Nelson Construction, Inc.	\$277,153.80

Two of the bids were below the engineer's cost estimate for the work of \$271,876.

Staff recommends entering into a contract for the HAWK installation with Mike Brown Electric Company. Their bid was deemed complete and acceptable, and references were good. Their bid was the lowest price presented.

The project, as with other safety related improvements, is to be paid for from the Traffic Impact Fund (TIF), cost accounting code 700-23-51-9901. The approximate TIF Fiscal Year 2018 beginning balance is \$924,690. With the project cost added to the other CIP approved TIF projects for the year, there still is a sufficient TIF balance to accommodate the project.

RECOMMENDATION:

That the City Council Adopt a Minute Order authorizing staff to enter into a contract with the Mike Brown Electric Company for installing a HAWK flashing light crosswalk warning system at the intersection of Bodega Avenue and Nelson Way, for \$245,143.

ATTACHMENTS:

- Bid Summary
- Brown Company Bid Sheet
- Engineer's Cost Estimate



Contract No. 2017-07
BODEGA AVENUE/NELSON WAY "HAWK" PEDESTRIAN HYBRID BEACON PROJECT

Engineer's Estimate: \$247,000.00

Bid Opening: Thursday, October 26, 2017, 2:00 P.M.
City of Sebastopol Engineering Division
714 Johnson Street, Sebastopol, CA 95472

Present: Joe Gaffney, City Engineer

BID SUMMARY

	BIDDER	BASE BID
1	Mike Brown Electric Co.	\$245,143.00
2	St. Francis Electric, LLC	\$265,476.00
3	Pat Nelson Construction, Inc.	\$277,153.80

Apparent Low Bidder: Mike Brown Electric Co.

BIDDER'S PROPOSAL

(DO NOT DETACH)

**BODEGA AVENUE/NELSON WAY "HAWK" PEDESTRIAN HYBRID BEACON PROJECT
Contract 2017-07**

To the Honorable City Council
City of Sebastopol
Sebastopol, California

Gentlemen:

The undersigned, as a bidder, declares he has carefully examined the location of the proposed work and that he has examined the plans and specifications and hereby proposes to furnish all materials and to do all work required to complete the work in accordance with the plans and specifications. Bidder hereby agrees to commence work under this contract on or before a date specified in written "Notice to Proceed" of the Owner, and to complete the work within 120 working days as stipulated in the specifications, or agree to the assessment of liquidated damages, and to accept payment in full for the work at the prices as set forth on the attached Bidder's sheets.

Bidders must possess a valid **Class A or C-10** license in accordance with the provisions of the State Contractor's License Act.

(If an individual, so state. If a firm or co-partnership, state the firm name and give the names of all individual co-partners comprising the firm. If a corporation, state legal name of corporation and also name of President, Secretary, Treasurer and manager thereof).

Mike Brown Electric Co.
A California Corporation
James G. Brown, President & Treasurer
Tiffany Howe, Vice-President & Secretary

DATED: Oct. 26, 2017

BID SCHEDULE

BODEGA AVENUE/NELSON WAY "HAWK" PEDESTRIAN HYBRID BEACON PROJECT

CITY OF SEBASTOPOL
CONTRACT NO. 2017-07

ITEM NO.	DESCRIPTION	UNIT BID PRICES	UNIT	ESTIMATED QUANTITY	BID ITEM TOTAL
1	Traffic Control <i>James G. Brown</i>	\$ <u>10,800.⁰⁰</u>	LS	1	\$ <u>10,800.⁰⁰</u>
2	Remove Median Island	\$ <u>14,000.⁰⁰</u>	LS	1	\$ <u>14,000.⁰⁰</u>
3	Remove Asphalt Concrete	\$ <u>126.⁰⁰</u>	SY	183	\$ <u>23,058.⁰⁰</u>
4	Asphalt Concrete	\$ <u>350.⁰⁰</u>	TON	65	\$ <u>22,750.⁰⁰</u>
5	Minor Concrete, Median Curb, Type B3	\$ <u>45.⁰⁰</u>	LF	402	\$ <u>18,090.⁰⁰</u>
6	Minor Concrete, Median Sidewalk	\$ <u>41.⁰⁰</u>	SF	396	\$ <u>16,236.⁰⁰</u>
7	Electrical Work	\$ <u>129,314.⁰⁰</u>	LS	1	\$ <u>129,314.⁰⁰</u>
8	Traffic Striping, Marking and Signing	\$ <u>3,895.⁰⁰</u>	LS	1	\$ <u>3,895.⁰⁰</u>
9	Mobilization	\$ <u>7,000.⁰⁰</u>	LS	1	\$ <u>7,000.⁰⁰</u>
TOTAL ALL BID ITEMS					\$ <u>245,143.⁰⁰</u> ✓

In Figures

Two Hundred Forty Five Thousand One Hundred Forty Three Dollars
AND NO CENTS

(in words)

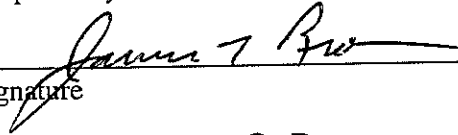
Above unit prices shall include all costs for performing the entire contract as shown on the plans and included in these specifications and shall include but not be limited to all labor, materials, tools, equipment, mobilization, tree preservation, profit, overhead, insurance, bonds, and the like required to finish the various forms of work.

Bidder understands that the Owner reserves the right to reject any or all bids and to waive any informality in the bidding.

The bidder agrees that this bid shall be good and may not be withdrawn for a period of 30 calendar days after the scheduled closing time for bids.

Upon receipt of written notice of the acceptance of this bid, bidder will execute the formal contract attached within 10 days and deliver a Surety Bond or Bonds as required by the section of the General Conditions entitled "Contract Security." The bid security attached in the sum of 10% (\$ _____), is to become the property of the Owner in the event the contract and bond are not executed within the time and additional expense to the Owner caused thereby.

Respectfully Submitted,



Signature

James G. Brown

Print Name

President

Title

Ad **Mike Brown Electric Co.**
561-A Mercantile Drive
Cotati, CA 94931-3040
707-792-8100 - 707-792-8110-Fax
Cit, **License No. 306767**

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City of Sebastopol

Engineer's Estimate of Probable Construction Cost for

Bodega Avenue/Nelson Way HAWK Pedestrian Hybrid Beacon

September 2017

Item No.	Item Description	Estimated Quantity	Unit of Measure	Unit Cost	Item Total
1	Traffic Control	1	L.S.	\$11,400.00	\$11,400.00
2	Remove Median Island	1	L.S.	\$10,000.00	\$10,000.00
3	Remove Asphalt Concrete	183	S.Y.	\$30.00	\$5,490.00
4	Asphaltic Concrete	65	Tons	\$150.00	\$9,750.00
5	Minor Concrete, Median Curb, Type B3	402	L.F.	\$25.00	\$10,050.00
6	Minor Concrete, Median Sidewalk	396	S.F.	\$16.00	\$6,336.00
7	HAWK Traffic Signal	1	L.S.	\$184,000.00	\$184,000.00
8	Traffic Signing and Striping	1	L.S.	\$8,050.00	\$8,050.00
9	Mobilization	1	L.S.	\$2,100.00	\$2,100.00
				Subtotal	\$247,176.00
				10% Contingency	\$24,700.00
				Total Construction Cost	\$271,876.00