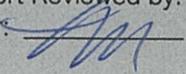


Agenda Report Reviewed by:  
City Manager: 

CITY OF SEBASTOPOL  
CITY COUNCIL  
STAFF REPORT

Meeting Date: August 7, 2018  
To: Honorable Mayor and Honorable City Councilmembers  
From: Henry Mikus, Engineering Manager  
Subject: Approval of Budget Adjustment for Installation of new Street Light Pole for the Bodega Avenue/Ragle Road Intersection Improvements  
Recommendation: Adopt a Minute Order authorizing staff to approve the extra cost proposal for installation of a streetlight at the intersection.  
Funding: Currently Budgeted:  Yes  No  N/A  
Net General Fund Cost: \$ \_\_\_\_\_  
The extra cost of \$15,575 would be drawn from the Traffic Impact Fund  
Account Number: 700-23-51-9901

**INTRODUCTION:**

This item is to request the City Council authorize staff to approve the extra cost proposal to install a new street light at the Bodega/Ragle intersection.

**BACKGROUND:**

The City of Sebastopol has contracted with the DC Electric Group for \$117,689 for construction of a new lighted crosswalk warning system at the intersection of Bodega Avenue and Ragle Road. The initial design included lighting improvements at the intersection involving re-using existing light poles, but the discovery of problems associated with one pole, will prevent its reuse. The contractor has provided a price quote for using a new pole, at \$18,825. The contractor also has provided a cost credit for not having to remove and reinstall the old pole at \$3,250; thus the net extra cost is \$15,575.

**DISCUSSION:**

There is long-documented data that shows one of the most effective means to improve safety for vehicles, pedestrians, and bicycles at any intersection would be illumination via street lights for the night time hours. During design of the Bodega/Ragle intersection safety improvements, adding effective lighting was one consideration. To this end, staff identified street lights that could be used to accomplish this goal. One light, at the northeast corner, would be effective as currently located. No similar light was in place across the intersection at the southwest corner; however, staff identified another existing light further west along Bodega Avenue whose benefit, due to location and vegetation, was minimal. That light was proposed to be moved to the intersection's southwest corner instead of purchasing an entirely new light.

As work has begun on the project, it was realized that the streetlight to be moved was installed in a manner that precluded removal and placement at a new location. Thus the contractor provided a quote for obtaining and installing a completely new light, for \$18,820; this amount, less the credit for not having to reuse the old pole of \$3,250 results in added cost of \$15,575. This quote also included some necessary unanticipated work getting electrical service to the new location. Further, consultation with the designers disclosed that a second streetlight was considered necessary for achieving the best safety situation possible. Based on the data regarding lit intersections and the designer's input, staff recommends approval of the added expenditure for the new light and utility work.

Currently the contractor is mobilizing for the work with a planned start occurring in late July with completion planned for the end of September. This project was originally planned to be done by July 2018 but was delayed by the bidding process and the contractor's difficulties obtaining proper insurance certifications from sub-contractors.

**RECOMMENDATION:**

Staff recommends the City Council authorize staff to approve the extra cost proposal to install a new street light at the Bodega/Ragle intersection, at \$15,575.

**ATTACHMENTS:**

- Site picture map with streetlight locations
- Contractor email about quote
- Contractor cost extra quote
- Contractor old pole credit email
- Design engineer email on the need for lighting

**Bodega-Ragle Intersection**  
Street Light locations

**Legend**  
[Icon] Langermann Health Club

North



Ragle Road

Obscured Street Light  
(could move)

Existing Street Light

Bodega Avenue

Proposed Street Light

Google Earth



**From:** Joe Gaffney  
**To:** [Henry Mikus](mailto:Henry.Mikus)  
**Cc:** [Reyna Ramirez](mailto:Reyna.Ramirez); [Dante Del Prete](mailto:Dante.Del.Prete)  
**Subject:** Bodega & Ragle RndRFB Project - Change Order Request #1 - Streetlight Pole & Service Feed  
**Date:** Wednesday, July 18, 2018 11:32:25 AM  
**Attachments:** [Sebastopol 7-2-18 - Bodega & Ragle RndRFB Project - COR #1 \(New SL & Service Feed\).pdf](#)

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Henry:

The relocated streetlight at Bodega/Ragle has now morphed into a new streetlight. The light on the north side of Bodega is a direct-bury pole and, as such, can't be relocated. The quote here is for a new streetlight on a new foundation.

Also, the service to the new streetlight will come from the existing streetlight service on the north side of Bodega. The contractor is proposing to intercept that service, install a pull box, and bore under Bodega to the new streetlight location. This bore was found to be cheaper than rockwheeling down the side of Ragle to a service point 3 houses away.

The total for the work is about \$18.8k. I'd like to give the contractor the green light so that we can keep the project moving. OK?

Joe Gaffney

----- Original Message -----

From: Tim Carter <[tim@dcelectricgroup.com](mailto:tim@dcelectricgroup.com)>  
To: 'Joe Gaffney' <[j\\_gaffney@comcast.net](mailto:j_gaffney@comcast.net)>  
Cc: 'Henry Mikus' <[hmikus@cityofsebastopol.org](mailto:hmikus@cityofsebastopol.org)>, 'Dante Del Prete' <[ddelprete@cityofsebastopol.org](mailto:ddelprete@cityofsebastopol.org)>, 'Reyna Ramirez' <[r Ramirez@cityofsebastopol.org](mailto:r Ramirez@cityofsebastopol.org)>, [tim@dcelectricgroup.com](mailto:tim@dcelectricgroup.com)  
Date: July 2, 2018 at 5:09 PM  
Subject: Bodega & Ragle RndRFB Project - Change Order Request #1 - Streetlight Pole & Service Feed

Hi Joe,

Attached, please find the Change Order Request #1 for the new streetlight pole/arm for Bodega & Ragle, as well as the new service feed from the N/W/C to the S/W/C as discussed in the field.

NOTE: The sidewalk area on the S/W/C is the only feasible location for the new streetlight pole, due to existing utilities (PG&E and AT&T) located behind the sidewalk where you originally wanted to put it (see pic).

Regarding the schedule, our concrete subcontractor was booked up through 7/20, so the earliest they can begin is 7/23. Fortunately this isn't a large project so he anticipates completing the work by the first week of August and we should be able to get everything up and running before school starts.

If you have any questions, give me a call or shoot me an email.

Thanks, I look forward to hearing from you!



Tim Carter

Regional Manager

DC Electric Group, Inc.

8023 Gravenstein Hwy S.

Cotati, CA 94931

(707) 992-0141 (Office)

(707) 781-8562 (Direct)

(707) 484-6128 (Cell)

(888) 525-8419 (Fax)

[tim@dcelectricgroup.com](mailto:tim@dcelectricgroup.com)

[www.DCElectricgroup.com](http://www.DCElectricgroup.com)

Lic. #949934

DIR #1000003395



July 2, 2018

City of Sebastopol  
Department of Public Works  
Attn: Henry Mikus, Engineering Manager  
714 Johnson St  
Sebastopol, CA 95472

Project Name: Bodega & Ragle RndRFB Flashing Beacon & Median Project – *Change Order Request #1*  
Scope of Work: Furnish and Install new Type 15 Streetlight and New Service Feed for Power  
Job Location: Bodega Ave & Ragle Rd, Sebastopol, CA 95472

Dear Henry:

Per our field meeting after the pre-construction meeting, it's understood the streetlight on the N/W/C is a direct-burial streetlight pole and will therefore remain in place in lieu of being relocated to the S/W/C per the project plans. *As requested, we offer to perform the following work based on our standard terms and conditions:*

- Contact USA to locate/mark underground utilities.
- Establish temporary traffic control with certified flaggers as needed.
- Pothole to identify existing utilities sizes and depths.
- Line-locate existing streetlight service feed on the N/W/C, intercept the existing conduit, and place a new #3.5 pull-box over conduit/conductors.
- Demolish one flag of sidewalk on the S/W/C (due to conflicting utilities where pole was designed to be installed per the project plans) and place a new #3.5 pull-box.
  - NOTE: New pole foundation included in existing contract base bid.
- Directional-drill and furnish and install one new 2" HDPE conduit across Bodega Ave between the two (2) aforementioned pull-boxes (approximately 8-LF).
- Furnish and install new #8 THW conductors, fuse/fuse-holder, and make the necessary splices to provide power to the subject streetlight.
- Replace asphalt per City Specifications for all pot-hole locations.
- Coordinate with City & PG&E for new streetlight number from PG&E (excludes any related/potential fees).
- Number the pole per PG&E-provided streetlight number.



All material is stock with DC Electric Group, Inc. and work can be completed in conjunction with existing work on the subject project. Three (3) additional working days are hereby requested for this additional work.

*Total Labor, Material & Equipment... \$18,825.00*

This price is good for (30) days.

The following is hereby accepted on this \_\_\_\_\_ day of \_\_\_\_\_, 2018.

**City of Sebastopol**

**DC Electric Group, Inc.**

A handwritten signature in black ink, appearing to read 'Tim Carter', is written over a horizontal line.

By: \_\_\_\_\_

Tim Carter

Title: \_\_\_\_\_

Regional Manager

**From:** Tim Carter  
**To:** "Joe Gaffney"  
**Cc:** Henry Mikus; [tim@dcelectricgroup.com](mailto:tim@dcelectricgroup.com)  
**Subject:** RE: Street Light Change Order  
**Date:** Wednesday, July 25, 2018 4:56:21 PM

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Hi Joe,

Please use \$3,250.00 total deduct for not needing to relocate the existing streetlight pole. This includes the foundation we no longer need to excavate/pour for that pole, as well as the work associated with relocating it across the street.

Thanks,



Tim Carter  
Regional Manager  
DC Electric Group, Inc.  
8023 Gravenstein Hwy S.  
Cotati, CA 94931  
(707) 992-0141 (Office)  
(707) 781-8562 (Direct)  
(707) 484-6128 (Cell)  
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Lic. #949934  
DIR #1000003395

**From:** Joe Gaffney <[j\\_gaffney@comcast.net](mailto:j_gaffney@comcast.net)>  
**Sent:** Wednesday, July 25, 2018 11:42 AM  
**To:** [tim@dcelectricgroup.com](mailto:tim@dcelectricgroup.com)  
**Cc:** Henry Mikus <[hmikus@cityofsebastopol.org](mailto:hmikus@cityofsebastopol.org)>  
**Subject:** Street Light Change Order

Tim:

In order to finalize the approval for the street light change order, I need the final

**From:** Cameron Nye  
**To:** [Henry Mikus](#)  
**Cc:** [Steve Weinberger](#)  
**Subject:** RE: Bodega & Ragle RndRFB Project - Change Order Request #1 - Streetlight Pole & Service Feed  
**Date:** Thursday, July 19, 2018 11:16:25 AM

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Henry, a street light on the south side of Bodega is necessary for safety. The street light in its existing location does not throw light to the southern side of the crosswalk.

After looking at the cost estimate from DC Electric, it is not as bad as first glance. Note that our plans called for the service point to be located so we were expecting a change order for this to come in, which will be taken care of with their estimate. Also, there should be a credit associated with leaving the street light where it is.

A couple line items that we think should be removed from the change order estimate, therefore reducing the price:

- "Contact USA to locate/mark underground utilities" – this should already have been included in the original estimate.
- "Establish temporary traffic control with certified flaggers as needed" – should have already been included. If anything, traffic control should be reduced as they are no longer moving the street light across Bodega.
- "Pothole to identify existing utilities sizes and depths." – should have already been included.

Let me know if you have any questions.

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**Cameron Nye**  
Assistant Engineer



Office 707.542.9500  
490 Mendocino Avenue, Suite 201 Santa Rosa, CA 95401  
[www.w-trans.com](http://www.w-trans.com)

**From:** Steve Weinberger  
**Sent:** Wednesday, July 18, 2018 4:16 PM  
**To:** Cameron Nye <[cnye@w-trans.com](mailto:cnye@w-trans.com)>  
**Subject:** FW: Bodega & Ragle RndRFB Project - Change Order Request #1 - Streetlight Pole & Service Feed

Please follow up.

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