



Office of the City Manager

CONSENT CALENDAR  
July 11, 2017

To: Honorable Mayor and Members of the City Council  
 From: Dee Williams-Ridley, City Manager  
 Submitted by: Phillip L. Harrington, Director, Department of Public Works  
 Subject: Contract: Chrisp Company for Roadway Thermoplastic Markings

RECOMMENDATION

Adopt a Resolution approving plans and specifications for the Roadway Thermoplastic Markings Project, 16-11078-C; and authorizing the City Manager to execute a five year contract period from July 1, 2017 through June 30, 2022, and any amendments, extensions or other change orders until completion of the project in accordance with the approved plans and specifications with Chrisp Company in an amount not to exceed \$1,250,000.

FISCAL IMPACTS OF RECOMMENDATION

Funding of \$200,000 annually is available in the FY 2018 and FY 2019 Adopted budget from the Measure B Local Streets and Roads Fund 391-4950-431-6520-13TM01, and Measure BB Local Streets and Roads Fund 406-4950-431-6520-13TM01 for roadway markings; and an annual recurring allocation of \$200,000 is planned for FY 2020 through FY 2022 and is subject to appropriation approval each fiscal year. An additional funding of approximately \$50,000 per year for five years (\$250,000 total) will come from grants and other capital improvement projects. However, funding for these on-call tasks will be identified and expended only for actual approved and budgeted projects and is subject to appropriation approval each fiscal year. The not to exceed amount of this on-call contract is \$1,250,000.

This contract has been assigned CMS No. EXG8T.

CURRENT SITUATION AND ITS EFFECTS

The City must periodically refresh pavement markings for roadway safety, especially those crosswalks, lane markings, and pavement legends that reinforce regulatory signs. Poor visibility of markings is likely to negatively affect safety for motorists, bicyclists, and pedestrians. This is particularly true on major streets, because drivers may have greater difficulty recognizing lane designations, pedestrian crossings, and changes in lane geometry.

The City also installs new thermoplastic markings related to bike and pedestrian improvements. This include the installation of new green bike lanes, a red transit lane,

high visibility crosswalks, bike signs and legends as needed or on trial basis to test new products. The City has had a contract with Chrisp Company (Chrisp) to provide these services since January 31, 2013 but it is set to expire June 30, 2017.

### BACKGROUND

The City does not have in-house staff or equipment resources to maintain all pavement markings on a regular basis. Specialized heavy equipment and trucks of the type owned and operated by Chrisp are needed to install double yellow center lines, bike lanes, two-way left turn lanes, and turn lanes. In recent years, the cost of installing thermoplastic markings has decreased making it more cost-effective to provide this type of treatment, particularly for heavily traveled roadways.

The proposed contract will allow the City to request on-call services from Chrisp for a five-year period. This multi-year project will allow timely and responsive upgrade of roadway markings Citywide, therefore a five year contract will allow the City to benefit from continuation of set unit prices through the contract period, subject to increases in the cost-of-living index.

On March 10, 2017, Department of Public Works Transportation Division issued Request for Bids and Specifications for Roadway Thermoplastic Markings (Specification No. 16-11078-C). Sierra Traffic Markings and Chrisp submitted bids, and Chrisp was determined to be the lowest responsive and responsible bidder at \$948,416.89. The unit bid pricing submitted by Chrisp for the roadway thermoplastic markings is comparable to and competitive with the City's current on-call contract with Chrisp, who has provided satisfactory services for the City from January 31, 2013 through June 30, 2017.

The quantities provided in the bid specification package were estimated to allow the City to set accurate unit prices of bid items, and to select the lowest bidder. Work will be performed in this new on-call contract on as needed basis, thus it is not possible to precisely identify bid item quantities in advance. In order to accommodate those uncertainties, and based upon experience of installing roadway thermoplastic markings, staff requests Council to authorize a not to exceed amount of \$1,250,000.

### ENVIRONMENTAL SUSTAINABILITY

The installation of thermoplastic markings is common practice among the transportation industry and more specifically in the Bay Area. These markings are widely used due to their high retro-reflectivity performance, long durability and cost effectiveness as compared to traffic paints. The City has used and maintained a thermoplastic treatment contracts for more than fifteen years, and no potential known negative environmental impacts due to the use of thermoplastic markings have arisen. Depending on roadway surface condition, thermoplastic marking may last between five and seven years, compared with one to two years for traffic paint markings.

RATIONALE FOR RECOMMENDATION

The City does not have in-house staff or equipment resources needed to maintain all thermoplastic markings on a regular basis. Upgrading roadway markings has been and will continue to be a priority activity for the Transportation Division of the Department of Public Works.

ALTERNATIVE ACTIONS CONSIDERED

No feasible alternative actions were identified.

CONTACT PERSON

Hamid Mostowfi, Supervising Traffic (510) 981-6403

Ahsan Kazmi, Assistant Traffic Engineer (510) 981-6416

Attachments:

- 1: Resolution
2. Abstract of Bids

RESOLUTION NO. ##,###-N.S.

CONTRACT: CHRISP COMPANY FOR ROADWAY THERMOPLASTIC MARKINGS

WHEREAS, area-wide refreshing and installation of new markings on roadways, especially at crosswalks and on major, multilane streets are an important factor in providing maximum safety for motorists, bicyclists, and pedestrians; and

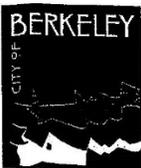
WHEREAS, On March 10, 2017, Department of Public Works Transportation Division issued Request for Bids and Specifications for Roadway Thermoplastic Markings (Specification No. 16-11078-C) and Chrisp Company was determined to be the lowest responsive and responsible bidder, meeting all requirements of the proposal and specifications; and

WHEREAS, an annual recurring allocation in the amount of \$200,000 is available in the FY 2018-19 Adopted Budget and is subject to appropriation in FY 2020-22 from the Measure B Local Streets and Roads Fund 391, and Measure BB Local Streets and Roads Fund 406, ; and

WHEREAS, approximately \$50,000 annually will be available for other projects but no costs will be incurred until applicable City projects emerge, for a total not to exceed amount of \$1,250,000.

NOW THEREFORE BE IT RESOLVED, by the Council of the City of Berkeley that the City Manager is authorized to execute a contract and any amendments until completion of the project in accordance with the approved plans and specifications, in an amount not to exceed \$1,250,000 for a period of five years from July 1, 2017 through June 30, 2022 (CMS No. EXG8T). A record signature copy of said agreement and any amendments to be on file in the Office of the City Clerk.

July 11, 2017



City of Berkeley  
Abstract of Bid Worksheet

Finance Department  
General Services Division

FOR: Roadway Thermoplastic Markings      Spec. # 16-11078-C      Bid Date: 04/06/17

|    | Bidders                 | Base Bid   | Nuc Free | Work Force Comp | Opp. States | Living Wage | EBO | Bid Bond | Addenda |
|----|-------------------------|------------|----------|-----------------|-------------|-------------|-----|----------|---------|
| 1  | SIERRA TRAFFIC MARKINGS | 854,632.05 | /        | /               | /           |             | /   | /        |         |
| 2  | CHRISP COMPANY          | 948,416.89 | /        | /               | /           |             | /   | /        |         |
| 3  |                         |            |          |                 |             |             |     |          |         |
| 4  |                         |            |          |                 |             |             |     |          |         |
| 5  |                         |            |          |                 |             |             |     |          |         |
| 6  |                         |            |          |                 |             |             |     |          |         |
| 7  |                         |            |          |                 |             |             |     |          |         |
| 8  |                         |            |          |                 |             |             |     |          |         |
| 9  |                         |            |          |                 |             |             |     |          |         |
| 10 |                         |            |          |                 |             |             |     |          |         |

Bid Recorder: [Signature]      04/06/17  
 Bid Opener: [Signature]      4/6/17

Project Manager: \_\_\_\_\_  
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