



## **AGENDA MEMORANDUM**

Future Item for the City Council Meeting of September 20, 2016  
Action Item for the City Council Meeting of September 27, 2016

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**DATE:** September 12, 2016

**TO:** Margie C. Rose, City Manager

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|---|
| <p style="text-align: center;"><b><u>Engineering Services</u></b><br/><b>Street Preventative Maintenance Program (SPMP)</b><br/><b>FY 2016-2017</b></p> |
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### **CAPTION:**

Motion authorizing the City Manager, or designee, to execute a construction materials testing agreement with Rock Engineering of Corpus Christi, Texas for \$98,035 and professional services contract with LNV, Inc. of Corpus Christi, Texas in the amount of \$676,269 for 2016 and 2017 projects in the *Citywide Street Preventative Maintenance Program*. (SPMP)

### **PURPOSE:**

The purpose of this Agenda Item is to obtain authority to execute professional services for preparation of the Delivery Orders with LNV, Inc. for SPMP 2017 and a construction materials testing agreement for ongoing construction under SPMP 2016.

### **BACKGROUND AND FINDINGS:**

This project is the continuation of the City Council approved 10-year street maintenance program with an annual \$15M budget for citywide *Street Preventative Maintenance Program* (SPMP) funded in part by the approved street maintenance fee. The program is entering the 4th year (FY 2017) for design phase with the third year of construction ongoing for 2016. This item provides the engineering contract to prepare the Delivery Orders (DO's) for the 2017 program and the construction material testing for ongoing 2016

construction. To date, over 400 streets received seal coats or overlays. A program update is planned for presentation to City Council in November with the 2017 work plan and the award of the overlay construction contracts.

The previous overlay construction contract was developed as one large construction contract that was awarded and being successfully completed by Haas Anderson Contracting (HAC). However, future years are planned for rebid in October 2016 with two contracts with specific areas (east and west) to increase competition and opportunities for small contractors like the seal coat project.

The seal coat project was rebid in early 2016 with three individual contracts with defined areas (east, west and central) to increase competition and to improve construction capacity. Each of the three seal coat contracts is proceeding with a dedicated crew in each area to complete the work simultaneously thus reducing the overall construction duration for each program year.

This engineering services item includes the consultant to prepare Delivery Orders (DO's) on the 2017 program for overlays and seal coats for selected arterial, collector and local (residential) streets. The preparation of the DO's requires Multiple "Delivery Orders" (DO's) for each 1 of the 5 contracts for a total of approximately 20 DO's. The consultant engineer will conduct multiple site visits and meetings with both the City and the successful contractor to develop detailed site specific scope and quantities for each street within each DO to implement the approved street work-plan throughout the City. The contractor's bid prices will be used for each item. Each DO requires the following minimum documentation:

1. A short narrative of the expected work for each street
2. A complete listing of included streets with pertinent data on a street by street basis.
3. Cost data utilizing unit bid price matrix.
4. Aerial photo plans, depicting limits of construction, areas of pavement repair, and any items required that are included in the unit price bids.
5. Any additional information that may assist the Contractor during construction.

This agenda item also include the construction material testing agreement for on-going 2016 seal coat and overlay projects.

#### **ALTERNATIVES:**

1. Authorize execution of an engineering design contract and a construction materials testing agreement.
2. Do not authorize execution of an engineering design contract and a construction materials testing agreement. (Not Recommended)

#### **OTHER CONSIDERATIONS:**

LNV, Inc. is the design engineer that was selected for this project under RFQ 2014-08. Rock Engineering was selected under the same RFQ for geotechnical investigations and material testing.

#### **CONFORMITY TO CITY POLICY:**

This contract complies with City policy regarding Professional Service Contracts and financial policies.

#### **EMERGENCY / NON-EMERGENCY:**

Not applicable

#### **DEPARTMENTAL CLEARANCES:**

Street Department

**FINANCIAL IMPACT:**

X Operating

☐ Revenue☐ Capital☐ Not applicable

| <b>Fiscal Year<br/>2015-2016</b>                   | <b>Project to Date<br/>Expenditures</b> | <b>Current Year</b> | <b>Future Years</b> | <b>TOTALS</b>  |
|--|---|---------------------|---------------------|----------------|
| Budget   | \$49,760                                | \$774,304           | \$15,250,221        | \$16,074,285   |
| Encumbered /<br>Expended Amount                    | 49,760                                  | 0                   |                     | 49,760         |
| <b>This item</b>                                   |   | <b>676,269</b>      |                     | <b>676,269</b> |
| <b>This item</b>                                   |   | <b>98,035</b>       |                     | <b>98,035</b>  |
| Future Anticipated<br>Expenditures This<br>Project |   |                     | 14,538,410          | 14,538,410     |
| BALANCE  | \$0                                     | \$0                 | \$711,811           | \$711,811      |

Fund(s):

**Comments:** N/A**RECOMMENDATION:**

City staff recommends professional services contract with LNV, Inc. in the amount of \$676,269 for the Street Preventative Maintenance Program 2017 FY 2016-2017 and for the construction materials testing agreement with Rock Engineering for 2016 program.

**LIST OF SUPPORTING DOCUMENTS:**

Project Budget  
Engineering Design Contract  
Construction Materials Testing Agreement  
Form 1295