



Agenda Date: 9/7/2016  
Agenda Placement: 71

## Napa Sanitation District Board Agenda Letter

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**TO:** Honorable Board of Directors  
**FROM:** Timothy Healy - General Manager  
NS-Technical Services/Engineer  
**REPORT BY:** Robin D. Gamble, Junior Engineer - 258-6000 x-531  
**SUBJECT:** Award Contract for the Manhole Rehabilitation - Nipak Project (CIP 17703)

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### **RECOMMENDATION**

Award construction contract for the Manhole Rehabilitation - Nipak Project (CIP 17703) to H&R Plumbing and Drain Cleaning, Inc. for the bid amount of \$83,680 and; Authorize the General Manager to execute the Agreement with the Contractor and issue the Notice to Proceed, when appropriate.

### **EXECUTIVE SUMMARY**

On August 26, 2016 the District received one bid from H & R Plumbing and Drain Cleaning, Inc. for the bid amount of \$83,680 for the Manhole Rehabilitation - Nipak Project (CIP 17703). The Engineer's Estimate for the project was \$100,000. The bid amount is 16.3% less than the engineer's estimate.

The purpose of this project is rehabilitate approximately 42 manholes by grout injecting the cracks and voids and lining the manholes with grout and epoxy to reduce infiltration. The project will rehabilitate all of the manholes in the State Streets and represents approximately one-third of the manholes in the collection system where Nipak pipe liners were installed. District staff will perform construction management and inspection for the project.

Staff believes the bid amount is competitive and the pricing was lower than expected. Staff recommends award of the total project.

Notice to Proceed is expected to be issued in mid-September 2016 and construction is expected to start in October 2016. The Contractor has 60 calendar days to substantially complete the project from Notice to Proceed.

### **FISCAL IMPACT**

Is there a Fiscal Impact?	Yes
Is it currently budgeted?	Yes
Where is it budgeted?	This project is budgeted for under CIP 17703 with \$90,000 available in Fiscal Year 16/17.
Is it Mandatory or Discretionary?	Discretionary
Discretionary Justification:	The project is necessary to increase the longevity of the manholes and reduce groundwater infiltration.
Is the general fund affected?	Yes
Future fiscal impact:	None.
Consequences if not approved:	Infiltration will continue to enter the collection system from the cracks and joints in the manholes and the internal condition of the manholes will continue to deteriorate.

Additional Information:

### **ENVIRONMENTAL IMPACT**

On August 3, 2016 the Board concurred with Staff's determination that the project is Categorical Exempt under California Environmental Quality Act (CEQA) Guidelines Article 19, Section 15301 (b). The Notice of Exemption was filed with Napa County Recorder on August 4, 2016.

### **BACKGROUND AND DISCUSSION**

The District completed a project in 2011 that rehabilitated the packing at the pipe-to-manhole termini in the State Street area. The pipes had been lined with a Nipak liner in the 1970s and the packing was beginning to deteriorate. During the post-construction maintenance inspection staff observed that due to the effectiveness of the 2011 project the ground water table had risen and water was entering the manholes in cracks and joints that previously were not sources of infiltration.

### **SUPPORTING DOCUMENTS**

- A . CIP 17703 Project Map
- B . CIP 17703 Bid Results

Napa Sanitation District: Approve

Reviewed By: Timothy Healy