

**COUNTY OF SAN LUIS OBISPO BOARD OF SUPERVISORS
AGENDA ITEM TRANSMITTAL**

(1) DEPARTMENT Public Works	(2) MEETING DATE 6/19/2012	(3) CONTACT/PHONE Eric Laurie, Project Manager (805) 788-2758	
(4) SUBJECT Request to approve an agreement for professional engineering services with MNS Engineers, Inc. in the amount of \$59,855 for the preparation of the County Service Area 7A Interceptor Sewer Risk Assessment Study; and authorize the Director of Public Works to sign amendments in an amount not to exceed \$10,000.			
(5) RECOMMENDED ACTION It is our recommendation that your Honorable Board: 1. Approve and execute an Agreement for Professional Engineering (Agreement) with MNS Engineers, Inc., in the amount of \$59,855 for preparation of the County Service Area 7A Interceptor Sewer Risk Assessment Study; and 2. Authorize the Director of Public Works to sign amendments to the Agreement in an amount not to exceed the contingency fund amount of \$10,000.			
(6) FUNDING SOURCE(S) County Service Area 7A	(7) CURRENT YEAR FINANCIAL IMPACT \$97,000.00	(8) ANNUAL FINANCIAL IMPACT N/A	(9) BUDGETED? Yes
(10) AGENDA PLACEMENT <input checked="" type="checkbox"/> Consent <input type="checkbox"/> Presentation <input type="checkbox"/> Hearing (Time Est. _____) <input type="checkbox"/> Board Business (Time Est. _____)			
(11) EXECUTED DOCUMENTS <input type="checkbox"/> Resolutions <input checked="" type="checkbox"/> Contracts <input type="checkbox"/> Ordinances <input type="checkbox"/> N/A		(12) BUDGET ADJUSTMENT REQUIRED? BAR ID Number: N/A <input type="checkbox"/> 4/5th's Vote Required <input checked="" type="checkbox"/> N/A	
(13) OUTLINE AGREEMENT REQUISITION NUMBER (OAR) 19001134		(14) W-9 <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	
(15) LOCATION MAP Attached	(16) BUSINESS IMPACT STATEMENT? No	(17) AGENDA ITEM HISTORY <input checked="" type="checkbox"/> N/A Date	
(18) ADMINISTRATIVE OFFICE REVIEW <i>Nikki J. Schmidt</i>			
(19) SUPERVISOR DISTRICT(S) District 1 -			

Reference: 12JUN19-C-5

County of San Luis Obispo



TO: Board of Supervisors
FROM: Public Works
Eric Laurie, Project Manager (805) 788-2758
Tom Trott, Project Engineer
VIA: Dean Benedix, Utilities Division Manager
DATE: 6/19/2012

SUBJECT: Request to approve an agreement for professional engineering services with MNS Engineers, Inc. in the amount of \$59,855 for the preparation of the County Service Area 7A Interceptor Sewer Risk Assessment Study; and authorize the Director of Public Works to sign amendments in an amount not to exceed \$10,000.

RECOMMENDATION

It is our recommendation that your Honorable Board:

1. Approve and execute an Agreement for Professional Engineering (Agreement) with MNS Engineers, Inc., in the amount of \$59,855 for preparation of the County Service Area 7A Interceptor Sewer Risk Assessment Study; and
2. Authorize the Director of Public Works to sign amendments to the Agreement in an amount not to exceed the contingency fund amount of \$10,000.

DISCUSSION

The County Services Area 7A (CSA 7A) wastewater treatment and collection system in the Oak Shores Village on the north shore of Lake Nacimiento currently serves 513 residences. The system may provide service to approximately 400 residences at build-out. All of the wastewater generated by these residences drains into the "Interceptor Sewer," an approximate 2-mile long sewer line that is located entirely below the high water elevation of Lake Nacimiento (Lake). Exhibit "A" provides a layout map of the Interceptor Sewer.

Since its installation in 1977, portions of the Interceptor Sewer and connected laterals, cleanout laterals, and sewer mains have been exposed due to erosion caused by fluctuating lake levels and wave action. The exposed portions are susceptible to damage, putting the lake at risk of wastewater contamination.

On March 29, 2011, Public Works' staff presented a discussion of risks to your Board as a result of significant infiltration that occurred in one of the Interceptor laterals. The incident on March 26, 2011, resulted in the shutdown of recreational use and drinking water supply systems for several days while County Operations staff and Water Quality Lab staff evaluated the incident to determine that wastewater was not contaminating the lake. The following summarizes follow up with your Board:

- Staff committed to performing an audit of the County's Sanitary Sewer System Management Plan (SSMP) and preparing a risk assessment study for the CSA 7A Interceptor Sewer; and
- The results of the SSMP audit were presented to your Board on November 1, 2011; and
- Staff reported that an update would follow regarding the risk assessment study.

Approval of this recommendation will provide for an agreement with MNS Engineers, Inc. to perform the CSA 7A Interceptor Sewer Risk Assessment Study. MNS Engineers, Inc. was selected, in accordance with County Consultant Selection Policies. The study will include an engineering analysis and evaluation of the existing Interceptor Sewer to identify its vulnerabilities, communicate with agencies impacted by the risks, and generate estimated costs to remedy high risk situations and present alternatives to minimize the risks. The study is anticipated to be complete by the end of the calendar year. Staff will return to your Board subsequent to that time to present the results and provide recommendations for next steps.

OTHER AGENCY INVOLVEMENT/IMPACT

Agencies that may be involved in the review of the CSA 7A Interceptor Sewer System include:

Heritage Ranch Owner's Association
Oak Shores Community Association
Nacitone Watershed Steering Committee
Monterey County Water Resources Agency
Monterey County Parks
Marinas within Lake Nacimiento
Regional Water Quality Control Board
California Department of Fish and Game
Nacimiento Project Commission

County Counsel has reviewed the Agreement for legal form and effect.

FINANCIAL CONSIDERATIONS

Project costs, including staff time, are anticipated to be \$97,000. There is sufficient savings in the current year budget to fund this amount.

RESULTS

Approval of the recommended action will provide for the completion of a Risk Assessment Study which will generate alternatives and recommendations to minimize and/or eliminate potential risks to the CSA 7A Oak Shores Interceptor Sewer System. This will contribute to the County's goals of maintaining a safe, healthy and livable community.

File: CF 320.90.03

Reference: 12JUN19-C-5

L:\UTILITY\JUN12\BOS\CSA 7A Interceptor Sewer Risk Assmnt brd ltr.doc.EL:lc

ATTACHMENTS

1. Vicinity Map
2. Exhibit A - Layout Map
3. Agreement
4. Exhibit A to Agreement
5. Exhibit B to Agreement
6. Exhibit C to Agreement