



BOARD OF SUPERVISORS  
AGENDA LETTER

Agenda Number:

Clerk of the Board of Supervisors  
105 E. Anapamu Street, Suite 407  
Santa Barbara, CA 93101  
(805) 568-2240

**Department Name:** Public Works  
**Department No.:** 054  
**For Agenda Of:** May 19, 2020  
**Placement:** Administrative  
**Estimated Tme:** N/A  
**Continued Item:** No  
**If Yes, date from:**  
**Vote Required:** Majority

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**TO:** Board of Supervisors  
**FROM:** Department Scott D. McGolpin, P.E., Director, (805) 568-3010  
Director(s)  
Contact Info: Leslie Wells, Deputy Director, (805) 882-3611  
**SUBJECT:** Professional services contract with SCS Field Services for SCADA and Telemetry Repairs at the Tajiguas Landfill, Third Supervisorial District

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**County Counsel Concurrence**

As to form: Yes

**Auditor-Controller Concurrence**

As to form: Yes

**Other Concurrence:** Risk Management

As to form: Yes

**Recommended Actions:**

That the Board of Supervisors:

- a) Approve and authorize the Chair to execute the professional services agreement with Stearns, Conrad and Schmidt, Consulting Engineers, Inc. dba SCS Field Services for supervisory control and data acquisition (SCADA) and telemetry repairs in an amount not to exceed \$391,922; and
- b) Determine that the proposed SCADA and Telemetry Repairs Project for the Tajiguas Landfill is categorically exempt from the California Environmental Quality Act (CEQA) pursuant to 14 CCR 15301 and 15308 and approve the filing of the attached Notice of Exemption on that basis.

**Summary Text:**

This item is on the agenda in order to approve the Agreement for professional services with Sterns, Conrad, and Schmidt, Consulting Engineers, Inc. dba SCS Field Services to provide design and repairs of the supervisory control and data acquisition (SCADA) and telemetry systems at the Tajiguas Landfill, as directed by the Public Works, Resource Recovery and Waste Management Division (RRWMD). The scope of these services includes design of a Cloud SCADA system, repairs to current and installation of new telemetry components, wiring and field modification of electrical control systems, and training and service support for RRWMD staff. The purpose of the SCADA system is to remotely monitor and

control environmental management systems (EMS) at the Tajiguas landfill and ensure environmental compliance, efficient operation, and safety for RRWMD staff.

**Background:**

The RRWMD is responsible for the operation and management of the Tajiguas Landfill in Santa Barbara County. The Tajiguas Landfill is subject to compliance with state and federal regulations that contain discharge specifications, water quality protection standards, and provisions intended to protect the environment by mitigating impacts to water quality and air quality. RRWMD operates EMS at the Tajiguas Landfill in order to comply with regulations and has historically utilized SCADA and telemetry components to automate operation and monitoring of select EMS. The existing SCADA system has components in need of repair and currently are inhibiting staff's ability to monitor and operate several EMS during the rainy season due to limited vehicle access and/or dangerous working conditions. In addition, SCADA upgrades are needed for compatibility with the operation of the new ReSource Center facilities. Approval of the Agreement will assist RRWMD in continued compliance with regulatory requirements for operations of the EMS; which include the leachate and groundwater management systems, potable water system, and landfill gas treatment system (see Attachment A).

SCS Field Services' scope of work includes the design of a Cloud SCADA system; repairs to current and installation of new remote terminal units and controls, while utilizing existing field hardware; purchase, programming, and installation of one cellular network modem for internet connectivity; wiring and field modification of electrical control systems; initial startup testing, calibration, and integration of the Cloud SCADA network; preparation of operation and maintenance documentation and training support for RRWMD staff; and a 2-year warranty for hardware and software products, including web hosting for one (1) year.

The proposed activities would repair or replace electrical and telemetry service to existing and permitted EMS. Activities would not enlarge or expand the EMS, and the EMS are required by regulatory agencies for the protection of the environment. Therefore, the contract and associated activities are determined to be exempt from CEQA pursuant to CEQA Guidelines Section 15301 and 15308 and a Notice of Exemption dated April 10, 2020 is included in Attachment B.

SCS Field Services is listed on the Public Works Department's Prequalified Consultant Listing for 2018-2020, approved by your Board at the January 9, 2018 hearing. SCS Field Services has historically provided consulting services to the RRWMD for over 10 years. SCS Field Services has niche expertise in landfill remediation systems, including electrical, mechanical, and SCADA design. Staff is requesting that the professional services Agreement with SCS Field Services be authorized in the amount of \$391,922 with an end date of June 30, 2021.

**Fiscal and Facilities Impacts:**

Budgeted: Yes

**Fiscal Analysis:**

Narrative:

Costs are budgeted in the RRWMD Enterprise Fund, Permits and Engineering Program. Costs estimated for this service are to be incurred in fiscal years 19/20 and 20/21.

<b>Funding Sources</b>	<b>FY 2019/20 Cost:</b>	<b>Annualized On-going Cost:</b>	<b>Total One-Time Project Cost</b>
General Fund	\$ -	\$ -	\$ -
State	\$ -	\$ -	\$ -
Federal	\$ -	\$ -	\$ -
Fees	\$ -	\$ -	\$ -
SWEF	\$ 260,000	\$ 131,922	\$ 391,922
Total	\$ 260,000	\$ 131,922	\$ 391,922

**Key Contract Risks:**

The risk rating level for this agreement is estimated to be low due to the contract type. The Agreement will provide authorization of funding and services to maintain ongoing regulatory compliance pertaining to water quality and air quality at the Tajiguas Landfill without interruption.

**Special Instructions:**

Following Board approval, please direct the Clerk of the Board to post a stamped copy of the Notice of Exemption. Please also forward a copy of the stamped NOE, signed Agreements, and a certified Minute Order approving these actions to:

Public Works, Resource Recovery and Waste Management Division, Attn: Jeanette Gonzales-Knight, 805-882-3627, 130 E. Victoria Street, Suite 100, Santa Barbara, CA 93101.

**Attachments:**

Attachment A: Agreement for Professional Services with SCS Field Services (3 originals)

Attachment B: Notice of Exemption

**Authored by:**

Jeanette Gonzales-Knight, Compliance Manager, (805) 882-3627