

**REQUEST FOR APPROVAL**

**To:** Howard Levenson  
Deputy Director, Materials Management and Local Assistance Division

**From:** Brenda Smyth  
Branch Chief, Statewide Technical and Analytical Resources Branch

**Request Date:** November 30, 2013

**Decision Subject:** Approval of Scope of Work and California State University, Chico Research Foundation as Contractor for the Tire-Derived Aggregate Technology Center and Civil Engineering Material Testing Services Contract (Tire Recycling Management Fund, FY 2013/14, 2014/15)

**Action By:** December 17, 2013

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**Summary of Request:**

Staff requests approval of the Scope of Work (SOW) and California State University, Chico Research Foundation (CSUCRF) as contractor for the Tire-Derived Aggregate Technology Center and Civil Engineering Material Testing Services Contract.

**Recommendation:**

Staff recommends that CalRecycle enter into a contract with California State University, Chico Research Foundation as the Contractor, for the Tire-Derived Aggregate Technology Center and Civil Engineering Material Testing Services Contract in an amount not to exceed \$200,000 for the tasks outlined in the attached Scope of Work.

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Funding for this contract will utilize \$100,000 from FY 2013/14 and \$100,000 from FY 2014/15 funds allocated to the Tire-Derived Aggregate (TDA) Technology Center and Laboratory Testing Services line item, as shown in the current (7<sup>th</sup> Edition) Five Year Tire Plan summarized in the table below.

Contract	Fund Source	Amount Available	Amount to Fund Item	Amount Remaining	Line Item
CSUCRF TDA Technology Center and Material Testing Services	Tire Recycling Management Fund, FY 2013/14	\$100,000	\$100,000	\$0	TDA Technology Center and Laboratory Testing Services
	Tire Recycling Management Fund, FY 2014/15	\$100,000	\$100,000	\$0	TDA Technology Center and Laboratory Testing Services

**Deputy Director Action:**

On the basis of the information and analysis in this Request for Approval and the findings set out below, I hereby approve the SOW and California State University, Chico Research Foundation as Contractor for the Tire-Derived Aggregate Technology Center and Civil Engineering Material Testing Services Contract in an amount not to exceed two hundred thousand dollars (\$200,000), subject to availability of funds appropriated to this program.

**Dated:** 12/17/13  


Howard Levenson  
Deputy Director

Attachment 1: Scope of Work

**Background Information, Analysis, and Findings**

Using waste tires in civil engineering applications is an important part of CalRecycle’s efforts to divert waste tires from landfills in California. Under previous contracts, the TDA Technology Center has supported CalRecycle’s efforts by providing general TDA technology transfer to local governments as well as material testing for TDA projects. This contract will continue these efforts as well as expand the material testing services to include rubberized asphalt concrete (RAC) in addition to TDA. The two primary functions of this contract are described below.

First, the Contractor will continue the operation of the TDA Technology Center, which was established with the current CSUCRF contract (DRR11049) and will expire May 15, 2014. Under the TDA Technology Center, the Contractor will provide general technical support and outreach to engineers in both the private and public sectors as described in the SOW for this contract (Attachment 1). This contract will supplement the efforts of the “Engineering and Construction Management Services for Civil Engineering Applications using Tire-Derived Aggregate Contract,” that provides engineering support and construction management services

for TDA pilot projects and technical support for projects under the TDA Grant Program. Continuing to operate the TDA Technology Center is an important component of our outreach efforts to gain acceptance and promote TDA as a viable civil engineering construction material.

Second, the Contractor will provide testing services for TDA and RAC to verify material specifications and engineering properties which can be used to support local agency projects. These testing services will include: sampling, engineering property testing, and other specification related testing services that are necessary in order to ensure the performance of TDA and RAC projects as described in the Scope of Work. Typically, local government agencies do not have the testing equipment and resources necessary to verify that the material used in their project is meeting required specifications and will need more testing support which the Contractor will be able to provide. The CalRecycle Contract Manager must approve all testing services provided under this contract.

Since we are proposing to award this contract to the CSUCRF rather than directly to CSU, Chico, we will be entering into a standard agreement rather than an interagency agreement. The agreement will comply with Government Code section 19130 and contain the state's standard terms and conditions. However, because all of the research will be done by CSU, Chico faculty, staff, and students, the functions of the contract are exempt from civil service and will not be competitively bid.

