



# CITY OF SANTA BARBARA

## COUNCIL AGENDA REPORT

**AGENDA DATE:** December 6, 2011

**TO:** Mayor and Councilmembers

**FROM:** Engineering Division, Public Works Department

**SUBJECT:** Purchase Order For Installation And Monitoring Of Inclinometers In The Conejo Slide Area

### **RECOMMENDATION:**

That Council find it to be in the City's best interest to waive the formal bidding process in accordance with Section 4.52.020 (K) of the Santa Barbara Municipal Code and issue a Purchase Order in the amount of \$63,500 to Cotton, Shires and Associates for the installation and monitoring of inclinometers in the Conejo Slide Area, and authorize the Public Works Director to approve expenditures of up to \$6,350 for extra services of Cotton, Shires and Associates that may result from necessary changes in the scope of work.

### **DISCUSSION:**

As a result of continued movement of Slide Mass C in the Conejo Slide Area, the City has hired Penfield & Smith to prepare conceptual designs for potential short-term and long-term roadway improvements at several locations within the Slide Area. Penfield & Smith has hired a sub-consultant, Cotton, Shires and Associates, Inc., (CSA), a geotechnical consulting engineering firm that specializes in landslides and soil stability, to assist with this effort.

CSA has recommended that three inclinometers be installed within the Conejo Slide Area, which will be used to gather detailed data about the Slide Mass's characteristics, including the depth, rate, and direction of movement. This data will then be used for developing recommendations and conceptual designs for potential long-term repairs. The data will also provide valuable slide monitoring capabilities during and after implementation of short-term repairs within the area. To maximize the value of the inclinometers, they will be installed at the beginning of the rainy season and monitored throughout the rainy season.

Council Agenda Report

Purchase Order For Installation And Monitoring Of Inclinometers In The Conejo Slide Area

December 6, 2011

Page 2

It is crucial to the success of this type of analysis that the same firm that uses the inclinometer data for developing recommendations and conceptual designs also perform the inclinometer installation and data collection. This consistency ensures that the firm developing the recommendations is confident in the method of inclinometer installation and monitoring. For this reason, staff believes it is in the City's best interest to issue a Purchase Order to CSA for this work, which constitutes "services involving peculiar ability" under subsection (K) of Santa Barbara Municipal Code section 4.52.020 – pertaining to the City's Purchasing Ordinance.

**BUDGET/FINANCIAL INFORMATION:**

There are sufficient funds in the Streets Fund to cover the \$69,850 cost of the services to be provided by Cotton, Shires and Associates.

**PREPARED BY:** John Ewasiuk, Principal Civil Engineer/AS/kts

**SUBMITTED BY:** Christine F. Andersen, Public Works Director

**APPROVED BY:** City Administrator's Office