

# CITY OF CHICO - SERVICE PROVIDER AGREEMENT

## SUB TERRA CONSULTING PROVIDER

### SANTOS FIRE TRAILS REHABILITATION ARCHAEOLOGICAL SURVEY Project Title/Budget Account No. 002-682-5400

ATTACHMENT #1 TO EXHIBIT B  
SERVICE PROVIDER AGREEMENT DATED December 16, 2016  
(Agreement Term: November 1, 2016 through October 31, 2017)

#### SCOPE OF SERVICES - BASIC; NOTICE TO PROCEED; COMPLETION SCHEDULE

##### Scope of Services - Basic

The Provider shall perform the following Services:

##### Proposed Project

The Consultant shall assist the City in planning and management goals and professional cultural resource reporting requirements for proposed trail rehabilitation projects related to the August, 2016 Santos Fire. The Santos Fire burned a section of the south rim of Upper Park, and public use trails, vegetation, and soils and rock formations were severely damaged by the fire and by CalFire efforts to contain the fire. In order to address public safety concerns arising from erosion along designated and rogue trails in and around the fire area, the City plans extensive rehabilitation efforts.

The Consultant shall provide an archaeological survey of the Santos Fire trail areas identified in Map 1, attached. The polygons depicted in Map 1 are inclusive to automobile parking areas associated with trail use and to buffers incorporating all ad hoc and rogue trails and spurs, as well as potential trail redesign corridors. In some areas these buffers account for 30 foot to 60 foot zones on each side of the trail or affected landscape. For purposes of assessing the relative contribution of each trail area polygon to the total trail survey package identified in this proposal, each of four distinct trail elements are identified in Map 1:

Guardian Trail 28.0 acres  
Pine Trail 8.6 acres  
Ten Mile House Trail 13.0 acres  
Bloody Pin Trail Access 13.0 acres

## Compliance Context

The Santos Fire Trail Rehabilitation Project must be completed in compliance with provisions of the California Environmental Quality Act, which requires performance of a cultural resource records search and field survey, and production of a final report containing results and recommendations. If cultural resources are identified by the surveys, then the report must contain an assessment of potential direct or indirect effects related to project implementation. The report must also contain a description of any cultural resource likely to be affected, and an evaluation of eligibility for listing on the California Register of Historical Resources (CRHR). The final report must give consideration to protection—to the extent prudent and feasible—from material impairment and substantial adverse change (California Public Resources Code § 5024.1, 21083.2, and 21084.1, and California Code Regulations § 15064.5). The following cultural resource services are as follows:

### Task 1: Document Review

The Consultant shall conduct a document review at the California Historical Resources Information System, Northeast Information Center, California State University, Chico (NEIC), located in Chico, California. Maps and records on file at this facility will be consulted, along with the National Register of Historic Places Listed Properties and Determined Eligible Properties, the California Register of Historical Places, the California Points of Historical Interest, the California Inventory of Historical Resources, the California Landmarks registry, the Directory of Properties in the Historic Property Data File, and the Handbook of North American Indians, Volume 8: California. In addition, to the extent necessary to achieve thorough coverage, supplementary county historical information sources may be consulted.

### Task 2: Native American Coordination

The Consultant understands that Native American coordination for the project will occur in the context of the City's ongoing development of Native American coordination. The Consultant shall coordinate with the City in order to mesh with the City's existing protocols and procedures. In order to comply with State of California Tribal Coordination Guidelines, the Consultant recommends that the project commence with project-specific cultural resource inventory consultation practices. The Consultant shall: (1) Contact the California Native American Heritage Commission (NAHC) in order to request a Sacred Lands Inventory for the purpose of identifying potential Traditional Cultural Properties in the Project area; (2) Send letters to the three potentially affected tribes describing the proposed Project along with location maps to the Tribe's designated contacts, which in turn will have 14 days from the date of receipt to respond to our request for comment. These parties may provide information regarding the cultural significance of the area, or may express interests or concerns regarding the proposed Project; (3) Provide a copy of all Native American coordination activities and results in a log to appear in an appendix to the final report, and; (4) any responses received by the Consultant after filing of the report and conclusion of the Project will be forwarded to the City with recommendations.

### Task 3: Field Survey

The Project area will be covered using an intensive survey strategy consisting of close-spaced pedestrian transects, augmented by simple subsurface probes using a hand-driven bucket auger, where appropriate. Should any cultural resources be identified within the Project area they will be recorded using California Department of Parks and Recreation site record forms (Cal DPR-523a-1) and according to standards described in "Instructions for Recording Historical Resources" (California Office of Historic Preservation 1993). GPS data-logging of the Project area and other pertinent features will be accomplished using a Trimble GeoXM 3000 series handheld GPS unit using TerraSync 4.12 data collection software and Trimble's GPS Pathfinder Office software for the plotting interface. Points will be logged with a minimum of 20 positions. Area and linear features will be logged at 1-second intervals using a slow pace, approximately one position per 1-2 meters.

### Task 4: Report

Report content and organization shall be consistent with guidelines described in the California Office of Historic Preservation (OHP) publication "Archaeological Resource Management Reports (ARMR): Recommended Contents and Format" (ARMR Guidelines 1990), and will describe and summarize the results of document review, Native American coordination, and field methods and results. Should cultural resources be encountered, the report will describe, interpret, and evaluate them to the extent feasible, and offer management recommendations concerning the potential for direct effects to cultural resources should any be identified.

A draft report will be supplied to the City for review within 20 days of completion of the field survey. Upon receipt of comments on the draft final, the Consultant shall produce the final report within five days of the receipt of draft comments. Three bound copies, one unbound hard copy original, and one electronic copy will be submitted to the City.

### City Responsibilities - Basic

The City shall provide gate keys and right of entry to properties. The City shall notify all City personnel and other occupants using the parcel of activity and right of entry. The City shall provide a copy of maps, studies, or reports relevant to the project.

### Compensation

Compensation shall not exceed \$3,500.00 and shall be billed according to the rates set forth on Exhibit C of the Agreement. Compensation shall be based upon actual monthly invoices received.

### Notice to Proceed

This Attachment shall constitute the City's Notice to Proceed to the Provider.

Completion Schedule

The Provider shall complete all Services within two months of receipt of the City's Notice to Proceed.

**CITY OF CHICO - SERVICE PROVIDER AGREEMENT**

SUB TERRA CONSULTING  
Provider

ARCHAEOLOGY SURVEY SERVICES  
Project Title/Budget Account No. Various

EXHIBIT C

COMPENSATION

Compensation for services shall be in accordance with the schedule of hourly rates below:

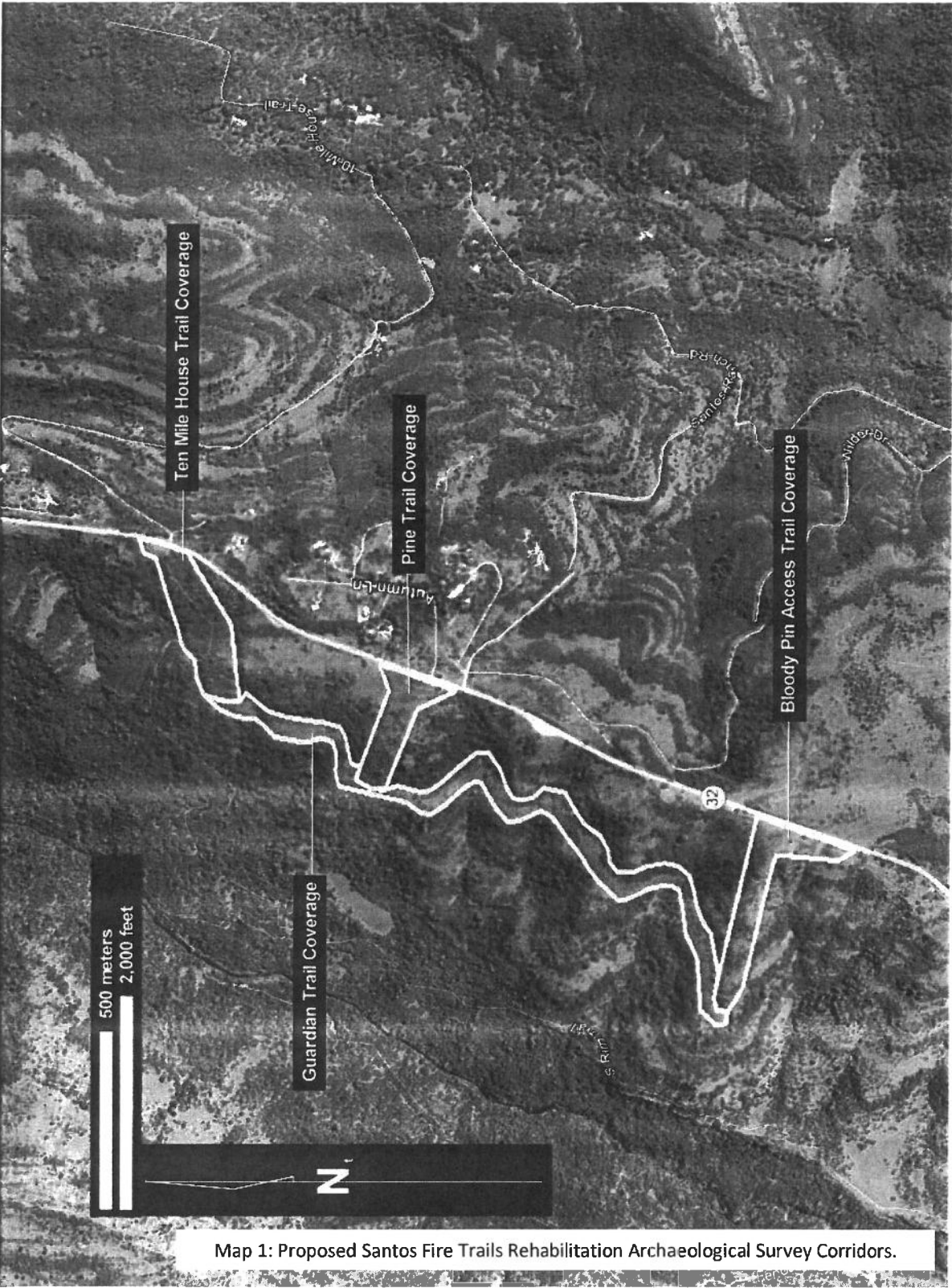
Sub Terra Consulting  
Standard Billing Rates

PERSONNEL

Principal Investigator Cultural Resources.....	\$ 87.70/Hour
Associate Investigator.....	\$ 63.50/Hour
Principal Investigator Paleontology.....	\$ 87.70/Hour
Project Crew Chief.....	\$ 34.80/Hour
Administrative Assistant.....	\$ 24.36/Hour
Senior Project Technician.....	\$ 24.36/Hour
Junior Project Technician.....	\$ 20.88/Hour

REIMBURSABLE EXPENSE SCHEDULE

Travel/Per Diem Overnight.....	\$ 45.00/Day
Travel/Lodging Rural.....	\$120.00/Day
Travel/Lodging Urban.....	\$180.00/Day
Automobile.....	\$ 0.54/Mile



Map 1: Proposed Santos Fire Trails Rehabilitation Archaeological Survey Corridors.