

EXHIBIT 4-A

VENTANA WILDLIFE SOCIETY
Conserving Native Wildlife and their Habitats

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SCOPE OF WORK

Overview


Project Title	The Carmel River Riparian Corridor Point Count Census
Proposal Date	March 13, 2018
Submitted By	Ventana Wildlife Society, 9699 Blue Larkspur Ln., Suite 105, Monterey, CA 93940
Submitted To	Monterey Peninsula Water Management District
Proposed Project Area	Carmel River, Monterey County
Principal Investigator	Mike Stake
Organizational Information	501(c)3 Non-Profit Organization; EIN#94-2795935
Email	mikestake@ventanaws.org
Project Duration	May 1, 2018 through August 31, 2018
Proposed Budget Estimate	\$4,718

EXHIBIT A SCOPE OF WORK

PROPOSAL FOR PROFESSIONAL AVIAN MONITORING SERVICES The Carmel River Riparian Corridor Point Count Census

This proposal encompasses the two tasks outlined below. Exhibits B and C (attached) detail a fee and work schedule.

Task 1: DATA COLLECTION for Avian Point Count Census



One biologist from Ventana Wildlife Society will conduct avian point count surveys at 36 points previously established at 9 sites (4/site) in the Carmel River riparian corridor. The biologist will be the same observer used in all previous surveys at the site since 2009. The biologist will conduct 4 rounds of surveys at each of the sites (i.e., 4 visits to each of the 36 survey points) in 2018. One round each will be conducted during the following periods:

1. 1-15 May
2. 16-31 May
3. 1-15 June
4. 16-30 June

All point count surveys will be conducted during morning hours, starting within 30 minutes after sunrise and finishing within 4 hours after sunrise. Each round of surveys will require 2 mornings to complete. On survey mornings, the biologist will drive between sites and navigate survey points on foot with a GPS unit. At each survey point, the biologist will record all birds detected by sight and sound in a 5-minute period. Each bird will be recorded in one of several distance categories to indicate distance from the survey point location. Data recorded will include species, number of individuals, estimated distance intervals, date of the survey, time of the survey, and general weather conditions. Surveys will not be conducted during periods of rain or excessive wind.

Task 2: REPORTING for Avian Point Count Census

Ventana Wildlife Society will enter data and maintain a database available to Monterey Peninsula Water Management District. A brief report will be submitted that contains tables of species encountered, the number of detections, and species diversity index. This report, along with copies of original data forms, and any GIS/geo-database files created, will be delivered to Monterey Peninsula Water Management District by 31 August 2018.

EXHIBIT B FEE SCHEDULE

Total Cost for Tasks 1-2 is \$4,718

Task 1-2: The total cost to Monterey Peninsula Water Management District for Tasks 1-2 is \$4,718. Costs for each task are projected as: Task 1 - \$3,818; Task 2 - \$900. Invoicing will follow completed work and be submitted in two installments. Invoicing for Task 1 will follow completion of field work on 30 June 2018. Invoicing for Task 2 will follow completion of the report on 31 August 2018. Invoices for each task will not exceed the projected amounts.

Task 1: Data Collection

Description	days	hr / day	Total hr	Rate (\$/hr)	Cost
Round 1 (36 Pts, May 1-15)	2	5	10	90	\$ 900
Round 2 (36 Pts, May 16-31)	2	5	10	90	\$ 900
Round 3 (36 Pts, June 1-15)	2	5	10	90	\$ 900
Round 4 (36 Pts, June 16-30)	2	5	10	90	\$ 900
Mileage (400 mi at \$0.545/mi)					\$ 218
Task 1 Total					\$ 3,818

Task 2: Reporting

Description	Days	Hours / Day	Total Hr	Rate (\$/hr)	Cost
Data Entry	1	5	5	90	\$ 450
Report Preparation	1	5	5	90	\$ 450
Task 2 Total					\$ 900

Budget Justification: Ventana Wildlife Society staff biologist hourly rates are multiplied by projected hours. Hourly rate includes indirect costs, but not travel costs. Travel expenses (fuel and maintenance costs) are projected using the standard U.S. General Services Administration rates for privately owned vehicles of \$0.545/ mile multiplied by the estimated mileage.

EXHIBIT C WORK SCHEDULE

Task 1: The completion goal for DATA COLLECTION is 30 June 2018. All data collection in the field will be conducted in May and June 2018.

Task 2: The completion goal for REPORTING is 31 August 2018.