



ARCHAEOLOGY • ANTHROPOLOGY • HISTORY • HISTORIC ARCHITECTURE

February 26, 2018

Michelle Sadlier, Historic Preservation Officer
City of Olympia
601 4th Avenue E.
Olympia, WA 98507-1967

Subject: Proposal and Cost Estimate for a Reconnaissance-Level Cultural Resources Survey at Priest Point Park in Olympia, Washington

Dear Ms. Sadlier,

Statistical Research, Inc. (SRI), is pleased to provide a proposal and cost estimate for the Priest Point Park, 250-acre cultural resources survey in Olympia, Washington. We have thoroughly considered the Request for Proposal, understand the project background and scope of work, and have a locally based team to successfully complete the project.

Project Understanding and Approach

The City of Olympia (City) seeks a cultural resources survey to identify and document archaeological sites within Priest Point Park to help with planning and guide the long-term stewardship of the park and cultural landscape. The City will complete the project to support the management of the park, but states that the project is not associated with a federal or state regulatory process. The City obtained a Certified Local Government Grant from the Washington Department of Archaeology and Historic Preservation (DAHP) and has \$23,000 to complete the work.

The park is listed on the Olympia Heritage Register, and the protection of historic buildings and structures has been addressed under the local register designation, so the current survey will focus on archaeological resources. SRI proposes to conduct a thorough records review, survey the park for visible surface materials and buried cultural materials, document and evaluate archaeological sites or isolates, present findings to the Olympia Heritage Commission, and complete draft and final reports.

Archival Research and Records Review

DAHP's online database, WISAARD, shows that there are five known archaeological sites within the park, including two precontact sites, two multicomponent sites, and one historical-period site. Other than one survey completed by Maurice Majors in 2013 for a creek restoration project, no other professional surveys have been completed in the park. There are no cemeteries or resources listed on the State or National registers shown on WISAARD.

SRI will conduct a more comprehensive archival research and a records review using WISAARD to identify archaeological sites and isolates, cemeteries, previous cultural resource reports, historical property inventories, and properties listed in the National Register of Historic Places (NRHP) within 1 mile of the project area. SRI staff will consult with you and Jackie Wall, the Nisqually Indian Tribal Historic Preservation Officer (THPO), and Rhonda Foster, the Squaxin Island THPO, to discuss any resources the City or Tribe are aware of that are not documented on WISAARD. We will inspect historical maps (e.g., General Land Office plats, Metsker atlases, and Sanborn fire insurance maps) as available to gain an understanding of the history of the project vicinity, determine if previous historical-period buildings or structures previously existed on the property, and assess the potential for historical-period archaeological resources based on these findings.

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Field Methods

If awarded, SRI staff will coordinate with the City and request a utility locate at least 48 hours prior to the survey. SRI archaeologists will complete a pedestrian survey along transect lines spaced 15 m apart to inspect the ground surface for cultural resources and to identify any culturally modified trees. Along the shoreline and streams, where archaeological sensitivity is very high, SRI will survey and sample more intensively along 5-m intervals. Based on known sites and project specifications described in the RFP, SRI proposes to excavate approximately 60 shovel-test probes (STPs).

The number of STP excavations is partially dependent on the number of archaeological sites identified during the survey that will require documentation as well as available project funds. STPs will be 40 to 50 cm in diameter and up to 100 cm deep, depending on local ground conditions. Archaeologists will screen excavated sediments through 1/4-inch hardware mesh, describe and document sediment and soil characteristics, and look for buried cultural materials. Precise Global Positioning System (GPS) location data for all STPs will be collected using a Trimble GPS unit, and STPs will be backfilled as completed.

Due to the high probability for archaeological resources, the City estimates that we will locate 10–20 archaeological sites during the survey. SRI will document and map archaeological site boundaries, archaeological features, and isolates. Any identified artifacts will be analyzed and documented in the field, assigned appropriate field and database tracking numbers, and left on-site. All site documentation will meet DAHP standards.

If human remains are identified during the survey, SRI staff will halt the survey work and contact the Thurston County Coroner's office and the City. If the remains are non-forensic, Dr. Guy Tasa, the state physical anthropologist at the DAHP, will take jurisdiction over the remains and conduct formal consultation in accordance with RCW 27.44.

Technical Report

SRI will incorporate the results of the background research and the archaeological survey into a draft technical report of professional quality. The report will include a description of research methods and context, a detailed summary of archaeological site and artifact analysis, a summary table of potentially significant sites and sites and features, NRHP-eligibility evaluations, and management recommendations.

The draft technical report will be submitted electronically for City's review. SRI will incorporate comments and edits into a final report for submittal to the DAHP and Tribes. SRI staff will document archaeological sites and isolates using standard DAHP site or isolate inventory forms, following DAHP guidelines. These forms will be submitted electronically to DAHP to obtain Smithsonian numbers and appended to the draft and final reports.

Heritage Commission Meeting Presentations

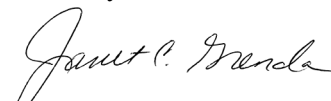
SRI staff will present project expectations, goals, and methods to the Heritage Commission meeting at the project's kick-off and present project results and findings once work is complete.

SRI Lead Team Members

SRI's proposed lead technical team members include Ms. Sarah Van Galder, Project Manager and Principal Investigator, and Ms. Stephanie Jolivet, Senior Project Director. Ms. Van Galder and Ms. Jolivet both meet the Secretary of the Interior's Professional Qualification Standards for a cultural resource professional and are members of the Register of Professional Archaeologists. Ms. Van Galder, who lives in Olympia and loves the park, will be responsible for overseeing all project tasks and will serve as the primary point of contact for the City. Ms. Jolivet will directly supervise all field efforts and cultural resource documentation and write the technical report. She will serve as the City's secondary point of the contact.

We appreciate the opportunity to provide the attached proposal and cost estimate. If selected, I will sign the City's Professional Services Agreement. If you have any questions, please contact Sarah Van Galder, the Lacey office director, at (360) 918-3621 at your convenience.

Sincerely,



Janet C. Grenda, Chairman/CEO
(909) 335-1896
jgrenda@sricrm.com

Statement of Qualifications

Statistical Research, Inc. (SRI), staff have extensive experience completing cultural resources surveys along shorelines in western Washington and have an excellent working relationships with both the Squaxin Island and Nisqually Indian Tribes. Below, we provide project summaries that demonstrate our experience providing services similar in scope to those anticipated for the City of Olympia (City), such as records searches, cultural resource surveys, archaeological site documentation and evaluation, technical reporting, public outreach and presentations, and Washington State Department of Archaeological and Historic Preservation (DAHP) and Tribal consultation. In addition, we have performed archaeological work partially funded with DAHP Certified Local Government (CLT) grants for an ongoing archaeological project for Pierce County Planning and Land Services.

Merrill Lake Wildlife Area Timber Thinning Project, 200-Acre Survey, Cowlitz County, Washington

Client: Washington Department of Fish and Wildlife (WDFW)

Date Completed: January 2018

Relevant Regulations: EO 05-05

Cultural Resource Tasks: Background research, 200-acre pedestrian and shovel-test-probe (STP) survey, archaeological site documentation, and technical report.

Description of Work: SRI was contracted by the WDFW to conduct a cultural resource records search and survey in support of a timber-thinning project within a newly acquired section of forest within the Merrill Lake Wildlife Area in southeast Cowlitz, Washington. The project entailed road improvements in three locations and timber thinning on 200 acres in two locations northwest of Lake Merrill. The project was on state land and funded with state funds and, as such, the cultural resource investigations were required to comply with EO 05-05.

The project schedule required SRI staff to conduct a ground-surface survey and excavation of 26 shovel-test probes, as well as relocate and document a historical-period trail (45CW235), the Kalama River trail, and six old-growth cedar-tree springboard stumps bearing evidence of historical-period springboard logging, in less than 3 weeks. SRI recommended these springboard tree stumps not eligible for listing in the National Register of Historic Places (NRHP) and found that no significant resources would be impacted by the proposed project activities. The report was submitted and accepted by WDFW and the Washington Department of Archaeology and Historic Preservation (DAHP).

Section 106 Archaeological Survey and Site Verification at Joint Base Lewis–McChord (JBLM), Fort Lewis, Washington

Client: Colorado State University (CSU) Center for Environmental Management of Military Lands (CEMML), Joint Base Lewis-McChord

Date Completed: December 2017

Relevant Regulations: Section 106 of the National Historic Preservation Act (NHPA)

Cultural Resource Tasks: Cultural resource pedestrian and STP survey (529 acres, over 1,700 shovel-test probes); archaeological site boundary delineation, documentation, and evaluation; extensive background research; tribal consultation; geoarchaeological assessment; artifact analysis; curation; and draft and final technical reports.

Description of Work: SRI was contracted in early 2017 by CSU CEMML to perform an intensive literature review, archaeological survey, and site verification of 529 acres within the Training Area 13 Maneuver Area on JBLM, Washington. Before fieldwork, an intensive records search and a literature review of the area were completed. Historical maps of the base area, including General Land Office plat maps, historical county atlases, and tax assessor's maps, as well as multiple maps created by the military during the formation of the base in the early 1900s, were photographed or scanned, georeferenced, and added to the geographic information systems (GIS) database in order to better assess the NRHP eligibility of historical-period sites.

SRI mobilized quickly to obtain all necessary permits and start fieldwork within 2 weeks of the notice to proceed. The intensive cultural resource survey was conducted in three phases and consisted of pedestrian and STP surveys in noncontiguous work areas. SRI archaeologists excavated more than 1,700 shovel-test

probes as part of the cultural resource work. In all, 19 precontact and historical-period resources were identified during the survey, including 4 precontact isolates, 4 historical-period isolates, and 11 historical-period sites. During the course of the project, it was necessary for SRI staff, Ms. Van Galder and Ms. Jolivet, to coordinate closely with the JBLM Cultural Resource Manager and work closely with the Nisqually Indian Tribal Historic Preservation Officer (THPO), Jackie Wall, and tribal monitors. The final report and associated deliverables have been accepted by CSU CEMML, the JBLM Cultural Resource Manager, and DAHP.

Key Peninsula Shoreline Archaeological Surveys and Sensitivity Model, Pierce County, Washington

Client: Pierce County Planning and Public Works **Date Completed:** December 2017 (Phases 1–4)

Relevant Regulations/Funding: State Environmental Policy Act (SEPA), CLT Grant

Cultural Resource Tasks: Extensive ethnographic and historical research, archaeological pedestrian and STP surveys, archaeological site delineation, community outreach and presentations, archaeological sensitivity model, and technical reports

Description of Work: In 2012, SRI was contracted to begin an ongoing archaeological survey project. The project has developed into a large survey to be completed in phases on many noncontiguous parcels along the shoreline of the Key Peninsula. The overall purpose of the project is to identify archaeological sites along the coastline of the Key Peninsula as well as high-sensitivity areas based on environmental criteria to be used to lay a foundation for a countywide context for prehistoric resources. SRI staff have conducted four phases of this project to date. The project required in-depth background and ethnographic research, six public community meetings, pedestrian and STP surveys, and site delineation within select parcels along the shorelines of four bays in the southern Key Peninsula to identify prehistoric, ethnographic, and historical-period archaeological resources. The project is funded by grants from the Pierce County Landmarks and Historic Preservation Commission, with matching funds from DAHP through their CLT Grant Program for two phases of the work.

During four phases of the project, SRI archaeologists identified eight precontact and two historical-period archaeological sites and two isolates. SRI staff used GIS data to develop a sensitivity model designed to predict the location of precontact archaeological sites along the shoreline. Results indicate that 22 of the sites that were inventoried in these four bays are within the high-sensitivity areas, 6 in the moderate-sensitivity areas, and none in the low-sensitivity areas designated by the SRI model, indicating that the model performed well in predicting site locations. In addition, SRI communicated with landowners and conducted community meetings prior to and after each phase of the survey work to keep Key Peninsula residents apprised of the project results, and teamed with the Burke Museum to sponsor an artifact day for the residents of the Key Peninsula. SRI staff coordinated an Artifact Identification Day with the Burke Museum for the Key Peninsula community. The reports for the four phases of work completed to date have been accepted by Pierce County, DAHP, and the local tribes. SRI archaeologists will complete Phase 5 of the project in 2018.

Western State Hospital New Kitchen, Pharmacy and Commissary Project, Lakewood, Washington

Client: Washington Department of Social and Health Services **Date Completed:** September 2016

Regulations: EO 05-05

Cultural Resource Tasks: Records search, background research, tribal consultation, survey, archaeological excavation permit, DAHP site form, archaeological monitoring, technical report

Description of Work: SRI conducted a cultural resources survey for a building construction project at Western State Hospital (WSH) in Lakewood, Washington, on behalf of the Washington Department of Social and Health Services (DSHS). The project is funded with State capital funds and is thus subject to the provisions of EO 05-05. The project is located within the Fort Steilacoom Historic District and within the Fort Steilacoom archaeological site. SRI conducted an in-depth records search and applied for and obtained a DAHP Site Excavation Permit and consulted with the Nisqually THPO prior to beginning fieldwork. SRI conducted a surface survey and excavated 117 shovel-test probes, resulting in the identification of precontact and historical-period artifacts. A 1-by-1-m unit was excavated to determine the context of artifacts found in one portion of the project area of potential effects (APE). A large subsurface stacked-brick feature was also located in several shovel-test probes. SRI has recommended monitoring during construction to determine its extent, purpose, and age. The final report was completed, approved by DSHS, and sent to DAHP for review. SRI will provide archaeological monitoring during building construction in spring 2018.

Lead Technical Team Members

SRI has 75 employees across the western United States, 15 of whom hold Ph.D. degrees and another 35 of whom hold M.A. degrees in archaeology, anthropology, history, or a related field. We have 3 full-time employees in our Lacey office, supplemented by several on-call archaeologists with M.A. or B.A. degrees who assist with field projects and laboratory work. We also have SRI employees with specialized expertise from across the company available to assist with projects, as necessary.

SRI's employees are the heart of the company, and their expertise is most critical to our ability to successfully complete cultural resource work for our clients. SRI's key team members include Ms. Sarah Van Galder, Project Manager (PM) and Principal Investigator (PI), and Ms. Stephanie Jolivet, Senior Project Director (SPD). Ms. Van Galder and Ms. Jolivet meet the Secretary of the Interior's Professional Qualification Standards for a cultural resource professional, are members of the Register of Professional Archaeologists (RPA), and have extensive experience working along the shorelines of Puget Sound. The summaries below further outline our key team member's qualifications.

Sarah Van Galder, M.A. (Washington State University, 2002), RPA No. 15711, will serve as PM and PI for the Priest Point Park Survey project, if awarded. Ms. Van Galder received her M.A. from Washington State University in 2002. She has 20 years of experience working in archaeology, 9 years in the Pacific Northwest, and more than 16 years of supervisory experience. Ms. Van Galder began her career at SRI in 2002 as a Crew Chief and has worked her way up to PM and PI for our northwest projects. As a result, Ms. Van Galder understands the full range of tasks necessary to successfully complete cultural resource projects.

Ms. Van Galder has worked on a broad range of projects ranging from extensive data recoveries in southern California; large archaeological testing and monitoring projects in Seattle, Washington; large survey projects at JBLM, and 1–3-day surveys conducted throughout Washington. She has supervised over 70 cultural resource projects in the Northwest, most located in western Washington, and many along the shoreline of Puget Sound, to comply with relevant state and federal laws, including, but not limited to, SEPA, EO 05-05 and Section 106 of the NHPA. Ms. Van Galder serves as PI on SRI's ongoing Pierce County Archaeological project described above. Currently, Ms. Van Galder serves as SRI's Lacey Office Director and PI and PM on SRI's Northwest projects. She will be responsible for overseeing all project tasks and serve as the primary point of contact for the City.

Stephanie Jolivet, M.A. (University of Washington, 2004), RPA No. 296944, serves as SPD on SRI's Washington projects. Ms. Jolivet has worked in the Pacific Northwest for 18 years and has focused on Northwest archaeology for 11 years. She has 7 years of supervisory experience, much of it gained while directing small to large survey projects. She is a faunal analyst with considerable experience identifying animal bones and shellfish from archaeological sites and has a special interest and extensive experience working in coastal environments. Ms. Jolivet also served as a human remains and repatriation specialist while employed at the Burke Museum of Natural History and Culture for more than 5 years and has considerable experience working with tribes from across the state.

Ms. Jolivet has served as Project Director (PD) on more than 30 of SRI's projects in the Pacific Northwest during the past 4 years, including many along the Puget Sound coast. She has served as PD or SPD on SRI's coastal projects for the Capital Land Trust, Pierce County, and the WDFW, to name a few clients. Recently, SRI was contracted by the National Park Service to write the Earliest American Theme Study for the Pacific West Region. Ms. Jolivet was the primary researcher and author for this project and the final document, submitted in 2017, will become a founding document for federal research surrounding the Paleoindian period in the western United States. Ms. Jolivet will directly supervise all field efforts and cultural resource documentation and write the technical report. She will serve as the City's secondary point of the contact for the Priest Point Park cultural resources survey project.

Cost Proposal

SRI is able to complete the tasks outlined in the cover letter for a cost of \$22,957.25. The cost breakdown is provided in Appendix 1. For this cost we assume the following:

- The project area is 250 acres in size
- No more than 50 shovel-test probes are required
- No more than 20 archaeological sites will be identified
- No artifacts will be collected
- SRI will provide one draft report and one final report
- Archaeological Site and Isolate forms will be appended to the draft and final reports

References

Katherine Kelly, WDFW Archaeologist
(360) 902-2573
Katherine.Kelly2@dfw.wa.gov
Projects: Merrill Lake Timber Thinning, Eells Springs Hatchery Renovation

Donna Turnipseed, JBLM Cultural Resources Director
(253) 966-1766
donna.l.turnipseed2.civ@mail.mil
Project: JBLM Archaeological Survey and Site Delineation

Cory Ragan, Associate Planner, Pierce County Planning and Public Works
(253) 798-2590
cragan@co.pierce.wa.us
Project: Key Peninsula Archaeological Survey

Penny Koal, DSHS
(360) 902-8156
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Projects: Western State Hospital New Kitchen, Pharmacy, and Commissary Development project, Western State Hospital Fence Installation project

Kristin Williamson, Salmon Restoration Biologist, South Puget Sound Salmon Enhancement Group (SPSSEG)
(360) 412-0808, ext. 103
kristinw@spsseg.org
Project: Filucy Bay Bulkhead Removal and Shoreline Restoration

Priest Point Park - Survey

Labor Costs	Person	Position	Rate	Unit	Admin	Pre-field	Records	Field Survey &	DAHP Site	Two	Report	Total	
					Hours	Logistics	Search	Documentation	Inventory	Presentations	Hours	Hours	Total
	Robert Heckman	Senior PI/PM	150.00	Hour	1.0						3.0	4.0	\$600.00
	Sarah Van Galder	PI/PM	90.00	Hour	4.0				2.0	4.0	6.0	16.0	\$1,440.00
	Stephanie Jolivet	SPD	87.00	Hour		1.0	1.0	28.0	24.0	20.0	40.0	114.0	\$9,918.00
	Sarah Hibdon	Crew Chief	54.00	Hour		1.0	3.0	28.0	48.0		8.0	88.0	\$4,752.00
	Staff	Field Technician	52.00	Hour				56.0				56.0	\$2,912.00
	Sarah Hibdon	Cartographer	54.00	Hour		1.0			8.0		6.0	15.0	\$810.00
	Maria Molina	Production Manager	104.00	Hour							2.0	2.0	\$208.00
	Staff	Editor	70.00	Hour							20.0	20.0	\$1,400.00
	Staff	Production Staff	56.00	Hour							5.0	5.0	\$280.00
	Staff	Graphics Staff	62.00	Hour							5.0	5.0	\$310.00
	Janet Grenda	Accounting/Contracts	131.00	Hour	1.0							1.0	\$131.00
Total Labor Cost					6	3	4	112	82	24	95	326	\$22,761.00
Direct Costs	Item												
	Rental vehicle		50.00	Day								3	\$150.00
	Gas		3.25	Gallon								5	\$16.25
	Misc. Supplies		30.00	Job								1	\$30.00
Total Direct Cost													\$196.25
Total Labor and Direct Expenses													\$22,957.25

Key assumptions:

Project area is 250 acres in size

No more than 20 sites

No more than 50 shovel-test probes (STPs)