

INFORMATION TO OFFERORS

Request For Quotes (RFQ) No. R6-OLY-4-0031

PROJECT DESCRIPTION: Stream Surveys FY 2004

QUOTATION RECEIPT DATE: July 13, **2004** (PDT), at USDA Olympic National Forest, 1830 Black Lake Blvd. SW, Suite A, Olympia, WA 98512-5623. There will not be a public bid opening, nor releasable quote results as this is a negotiated procurement.

THE FOLLOWING INFORMATION FOR THIS PROJECT MUST BE COMPLETED AND PROVIDED WHEN SUBMITTING YOUR QUOTATION:

- 1. Standard Form (SF) 18, Request for Quotation**
- 2. Section K – Representations, Certifications, and Other Statements of Offerors or Respondents**
- 3. Amendments to Solicitation (*if any*)**
- 4. Past and Current Contract Information Sheet**

NOTE: FACSIMILE TRANSMISSION OF QUOTATIONS, MODIFICATIONS, OR OTHER CONTRACTUAL DOCUMENTS WILL BE ACCEPTED UNDER THIS SOLICITATION AND RESULTANT CONTRACT. Fax quotations to: 360-956-2277.

Direct any questions to Justin Holder, Contracting Officer,
(360) 956-2273; FAX: (360) 956-2277, E-Mail: jholder@fs.fed.us

REQUEST FOR QUOTATION <i>(THIS IS NOT AN ORDER)</i>			THIS RFQ <input checked="" type="checkbox"/> IS <input type="checkbox"/> IS NOT A SMALL BUSINESS SET- ASIDE			PAGE OF PAGES 1 28	
1. REQUEST NO. RFQ-OLY-4-0031		2. DATE ISSUED 06/28/2004		3. REQUISITION/PURCHASE REQUEST NO.		4. CERT. FOR NAT.DEF. UNDER BDSA REG. 2 AND/OR DMS REG. 1	
5a. ISSUED BY USDA Forest Service Olympic National Forest 1835 Black Lake Blvd. SW, Suite A Olympia, WA 98512-5607						6. DELIVER BY (Date) Project is to be completed within 170 days after issuance of the Notice to Proceed.	
5b. FOR INFORMATION CALL (NO COLLECT CALLS)						7. DELIVERY <input type="checkbox"/> FOB DESTINATION <input type="checkbox"/> OTHER (See Schedule)	
NAME Justin Holder			TELEPHONE NUMBER AREA CODE NUMBER 360 956-2273			9. DESTINATION a. NAME OF CONSIGNEE	
8. TO:						b. STREET ADDRESS	
a. NAME			b. COMPANY			c. CITY	
c. STREET ADDRESS						d. STATE e. ZIP CODE	
d. CITY			e. STATE		f. ZIP CODE		
10. PLEASE FURNISH QUOTATIONS TO THE ISSUING OFFICE IN BLOCK 5A ON OR BEFORE CLOSE OF BUSINESS July 13, 2004			IMPORTANT: This is a request for information, and quotations furnished are not offers. If you are unable to quote, please so indicate on this form and return it to the address in BLOCK 5A. This request does not commit the Government to pay any costs incurred in the preparation of the submission of this quotation or to contract for supplies or services. Supplies are of domestic origin unless otherwise indicated by quoter. Any representations and/or certifications attached to this Request for Quotations must be completed by the quoter.				
11. SCHEDULE (Include applicable Federal, State and local taxes)							
ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)		
	STREAM SURVEYS FY 2004 Please See Attached Schedule of Items						
12. DISCOUNT FOR PROMPT PAYMENT		a. 10 CALENDAR DAYS (%)	b. 20 CALENDAR DAYS	c. 30 CALENDAR DAYS	d. CALENDAR DAYS NUMBER PERCENTAGE		
NOTE: Additional provisions and representations <input type="checkbox"/> are <input type="checkbox"/> are not attached.							
13. NAME AND ADDRESS OF QUOTER				14. SIGNATURE OF PERSON AUTHORIZED TO SIGN QUOTATION		15. DATE OF QUOTATION	
a. NAME OF QUOTER				16. SIGNER			
b. STREET ADDRESS							
c. COUNTY				a. NAME (Type or print)		b. TELEPHONE	
d. CITY				e. STATE		AREA CODE	
				f. ZIP CODE		NUMBER	
c. TITLE (Type or Print)							

PART I—THE SCHEDULE

SECTION B--SUPPLIES OR SERVICES AND PRICES/COSTS

SCHEDULE OF ITEMS
Stream Surveys FY2003
Olympic National Forest

The Quoter must quote on all items.

NOTE: If Quoter does not intend to charge for a quote Item, a price of "0" or "NO COST" should be shown. If the price is left blank or shown as "No Bid", the entire Quote will be considered Non-Responsive.

ITEM NUMBER	DESCRIPTION	METHOD OF MEAS.	PAY UNIT	EST. QUANTITY	UNIT PRICE	AMOUNT BID
1.0	Conduct stream surveys and submit Stream Survey Report for Salmon Creek and Surveyed Tributaries					
1.1	Bear Cr. (0329)	AQ	Miles	9.8	\$ _____	\$ _____
1.2	0333 (Redoubt Cr.)	AQ	Miles	1.4	\$ _____	\$ _____
1.3	0334	AQ	Miles	.5		
	TOTAL OFFER ITEM 1.0		Miles	11.7		\$ _____
2.0	Conduct stream surveys and submit Stream Survey Report for the Snow Creek and Surveyed Tributaries					
2.1	Camp Cr.	AQ	Miles	2.5	\$ _____	\$ _____
	TOTAL OFFER ITEM 2.0		Miles	2.5	\$ _____	
3.0	Conduct stream surveys and submit Stream Survey Report for the Snow Creek and Surveyed Tributaries					
3.1	Bockman Cr. (0320)	AQ	Miles	3.5	\$ _____	\$ _____
	TOTAL OFFER ITEM 3.5		Miles	3.5	\$ _____	\$ _____
TOTAL QUOTE PRICE (ALL ITEMS)					\$ _____	

SECTION C--DESCRIPTION/SPECIFICATIONS/STATEMENT OF WORK

C.1 General Specifications

a) Scope of Contract

The purpose of this solicitation is to perform stream surveys (also known as stream inventories) and write survey reports for the Olympic National Forest. Surveys will collect data on the physical, hydrologic, and biological components of stream systems and adjacent riparian areas through field surveys.

The Contractor shall follow the Forest Service Region 6 Stream Inventory Handbook (Version 2.2) and additional Olympic National Forest methodology specified in Section J.

The expected products from this contract include:

- 1) Data diskette(s) containing complete and corrected field data entered into an Excel Data base.
- 2) Paper copies of all field data forms and computer printouts.
- 3) Photos of stream reaches as described in the specifications.
- 4) Field topographic maps showing finalized stream reaches and special features as described in the specifications.
- 5) A stream inventory report for each item following the example provided as Appendix C to these specifications.
- 6) A final consolidated (Compact Disk) electronic copy of all data and products related to this contract.

b) Location and Description

Streams to be inventoried are located on private land and within the boundaries of the Pacific Ranger District of the Olympic National Forest.

Streams listed in the Schedule of Items shall be surveyed from the stream mouth or confluences to the upstream extent of fish habitat. Survey locations are shown on attached maps. Survey locations and stream lengths are approximated. Actual field surveys may be longer or shorter than indicated on the maps. End of fish habitat for the streams covered by this contract shall be defined as a sustained channel gradient of 16% or greater AND absence of salmonids (including resident cutthroat trout).

c) Accessibility

All steam basins to be surveyed are reached by roads. Many roads are accessible by standard pickup, however, many roads have been closed to vehicle traffic. The Contractor is encouraged to contact the local Ranger District prior to field surveys in order to obtain current road access information.

Actual access to and physical conditions of the streams to be surveyed vary considerably. Long hikes and surveys over uneven, brushy, and steep terrain may be common, especially in middle and upper

reaches. Walk-ins of greater than 1 mile may be expected. Overnight camp-outs may expedite work on more remote streams. It is the responsibility of the Contractor to determine local access conditions.

d) Contractor Responsibilities

The Contractor shall provide all equipment, supplies, labor, and incidentals to perform stream inventories and prepare reports in accordance with these specifications. The Contractor shall provide training of all crew persons in the Region 6 stream inventory techniques using Forest Service Region 6 Level II Stream Survey (Hankin and Reeves) survey methodology and Olympic National Forest modifications. The Contractor shall ensure that persons assigned to perform the project (and phases there-of) meet the qualifications specified in Section C.2., subsection f. The Forest Service will perform field verification of skill prior to beginning the field surveys. Each survey crewmember will be required to successfully pass a test reach and a quality control quiz prior to performing stream surveys.

e) Government-Furnished Property And Services

The Government will provide the following items of Government property and services to further the Contractor's efforts in accomplishing this work. This property shall be used and maintained by the Contractor in a manner to preserve its value for future use. Pertinent materials are also available for viewing prior to receipt of proposals by appointment only, at the Pacific Ranger District, Forks Office, 437 Tillicum Lane, Forks, WA.

- 1) District maps, Aerial Photos or Color Copies, R6 Stream Inventory Handbook, and additional background/file information that are needed to accomplish this survey.
- 2) The Forest Service will complete and provide at the pre-work meeting, Survey Form (Formally A Form) and Preliminary Reach Identification (Formally B1 Form), for each stream to be surveyed.

C.2 Technical Specifications

a) Survey Methodology

- 1) The Contractor shall follow the Forest Service Region 6 Stream Inventory Handbook (version 2.4) Level II Methodology and additional Olympic National Forest methodology specified in Section J.
- 2) The Contractor shall collect all information necessary to complete the Preliminary Reach form, Channel Unit Form, Special Cases Form, Remarks Form, Aquatic Biota Form, Discharge Form, and Wolman Pebble Count Form. Samples of these forms are included in the Forest Service Region 6 Stream Inventory Handbook. In addition a Photo Documentation form and Daily Diary form are required. The Contractor shall copy onto "Rite in the Rain," or equivalent water-resistant paper, as many of the forms as needed to complete the surveys.
- 3) In addition to completing comment sections on forms specified in C.2., subsection a.2, each survey crew shall complete a diary after each day of survey for each reach surveyed, to record qualitative observations of general stream and riparian conditions. Diary entries will describe average conditions of the reach as well as highlight unique conditions. Diary entries should reference Sequence Order number, Channel Unit number and Reach numbers. This information is necessary to complete the final reports.

b) Physical Survey Standards

- 1) Reach Breaks: The beginning of each reach and the end of the survey shall be marked by the Contractor with aluminum tags. Date of survey, surveyors, reach #, and the sequence order (SO) number shall be scribed on each tag. In Addition, azimuth, slope distance and percent slope from the reference tags to the sequence order start location shall be scribed on the tag. Tags shall be affixed, using a minimum of two aluminum nails, on live trees likely to withstand 50-year flood events and tags shall be visible from the stream channel. Nails shall be securely anchored yet allow adequate distance between the tree and the tag to allow for tree growth, without dislodging the tag. Tags shall be at a minimum height of 5' above the current flow level. Trees on which the tags have been placed shall also have the bole encircled by two pieces of flagging.
- 2) Measurement Frequency: The Contractor shall measure at a sampling frequency sufficient to ensure at least 10 pools and 10 riffles AND 10% of all pools and all riffles are sampled as measured habitats for each observer on each stream. Shorter streams may require a much greater sampling frequency to achieve the necessary number of measured units. If a certain habitat type is uncommon, it is possible that 100% of those habitat units must be measured to achieve the minimum of 10 measured units of both habitat units. The Contractor shall use a sampling frequency that spreads the measured units evenly throughout the stream or tributary.
- 3) Measured Habitat Flagging: The Contractor shall mark the downstream and upstream ends of each measured unit with biodegradable, cotton-blend type flagging. The flagging shall be hung from tree branches or other objects as close to the center of the channel as possible. On each flag the Contractor shall write, in indelible marker, the Sequence Order (SO), the channel unit and number, date and observers initials.
- 4) Observer Requirements: The survey crewmember that performs the visual estimation (the observer) shall continue to make visual estimates at least through an entire sub-item. The Contractor shall not change observers within a sub-item unless the Contracting Officer approves the change. The observer shall complete an entire bid sub-item before proceeding to a new sub-item.
- 5) Dry Channels: Note that there may be dry sections of stream between flowing sections. In this case, surveyors shall continue the survey for a minimum of 1/4 mile until they are certain that the stream does not resume flow at an upstream point.
- 6) Acceptable Measuring Tools: Lengths of all habitat units are to be measured not estimated. Length and width measurements shall be made to the nearest foot and depth measurements shall be made to the nearest 1/10th foot. A hip chain is not acceptable for any measurement necessary to complete the survey. A trailing tape (surveyor's rope) dragged behind the observer is the most efficient method for measuring channel length. Government approval is required for any measuring tools other than measuring tapes. A clinometer is not acceptable for channel gradient measurements.
- 7) Channel Orientation: Left bank and Right bank are oriented while looking downstream.
- 8) Photograph Documentation: Photographs shall be taken in 35 mm color print format, or with a digital format camera. Photos shall be taken at the beginning and end of each reach and shall include one photograph each of all typical habitat units present in each reach, pool, riffle, special

features, and side channels. The prints shall be numbered and labeled by stream, reach, date, SO number, and channel unit with a brief description of the photo. Labels shall be computer generated and affixed to each photo.

- 9) Tributaries: The Contractor shall record tributary information (tributary orientation, percent flow, gradient, temperature and map location) per Region 6 Stream Inventory Handbook (version 2.4) Level II Methodology.

c) Biological Survey Standards

- 1) Stream reaches shall be inventoried for the fish assemblage. Efforts must attempt to define the spatial distribution of all species encountered within the portion of the stream network, which received a formal Level II stream inventory. All sub-items shall be inventoried by snorkeling. No other method shall be used unless expressly approved by the COR. Visual sightings or hook and line methods are not adequate to establish the fish assemblage present in the Sub-items. The first measured riffle shall be the first riffle biologically sampled. Each measured pool and every other measured riffle shall be surveyed to determine relative fish distribution.
- 2) Data to be collected will include the distribution of fish and amphibians by species.
- 3) Snorkel surveys of an individual habitat unit will be initiated at least 4 hours after completing the physical survey on that unit to avoid biasing fish sampling results.
- 4) Fish surveys for each entire stream segment shall be completed within 10 days of completing the physical survey for that segment.

d) Contractor Responsibilities for Safety

The Contractor shall exercise caution for personal safety when conducting surveys. The Government assumes no responsibility for personal injuries or damage to equipment due to the Contractor's work on this project. If a dangerous condition is found during the course of a survey (e.g. an impassable series of falls within a narrow gorge), the Contractor shall make attempts to complete the survey by avoiding the dangerous section. If the Contractor does not feel that the survey can be safely completed, the Contracting Officer's Representative (COR) shall be contacted immediately.

e) Data Preparation and Reporting

- 1) Within 1 calendar days after completing the physical and biological surveys of a sub-item, the Contractor shall submit to the COR a data set including:
 - A) Hard copies of Level II, Sequence Order form, Preliminary Reach form, Channel Unit form, Special Cases form, Remarks form, Aquatic Biota form, Discharge form, Wolman Pebble Count form, Photo Log form and Daily Diary form.
 - B) Legible copy of 1:34,000, 7-1/2 min. USGS quad map showing beginning and end points of final reach breaks, end of survey point, and all tributaries referencing tributary number.
 - C) A corrected electronic Excel database with Headers the same as the Channel Unit form.

- 2) The contractor will be responsible for calculating the necessary attributes to assess the condition of the stream and produce a report. These attributes will include but not limited to the following:
 - A) Graph and table of habitat composition per reach based on the percent of the surface area of turbulent and non-turbulent (fastwater), scour and dammed (slowwater) habitats.
 - B) Table summary of small, medium and large pieces of wood per mile and wood per channel width in each stream reach.
 - C) Tabular summary of pool, pools > 3 feet per mile and pools per channel width with each reach.
 - D) Tabular summary of average substrate composition per reach.
 - E) Tabular summary of fish densities per reach by age class and habitat type in which found.
 - F) Tabular summary of tributary stream information with name (if applicable), percent flow, gradient, temperature and map locations.
 - 3) Draft Reports for each survey, including maps and photos, shall be submitted for review to the Contracting Officer prior to the submittal of the Final Reports. Amendments or changes to the draft reports will be recommended by the Contracting Officer in writing and will be submitted to the Contractor within 21 calendar days after receipt of draft reports. The Contractor shall then make the suggested amendments or changes prior to submitting final reports.
 - 4) The Contractor shall submit two (2) copies of each Final Report. Reports shall be done in the format and to the same quality standard as that set by the sample report included as an attachment to this contract and referenced in Section VII. In addition to hard copies the contractor will submit one (1) electronic copy of the final report including photos.
 - 5) The Contractor shall submit a final consolidated electronic copy of the following: Survey Reports, Remarks Form, Aquatic Biota Form, Discharge Form, Wolman Pebble Count Form, Daily Diary Data Form, and the photo files.
- f) Stream Surveyor Credentials/Qualifications
- 1) Project Leader, Supervisor:
 - A) Duties: Supervises survey crew(s), manages and transmits data, ensures quality control, reviews stream survey reports.
 - B) Minimum Requirements: A bachelor's degree in fisheries biology or related field and one season of stream survey experience.
- Or--
- Three seasons of experience directly related to stream survey of fish habitat evaluation that has provided knowledge equivalent to above requirements.

- 2) Steam Survey Crew:
 - A) Duties: Conducts stream surveys, collects data, and writes stream survey reports.
 - B) Minimum Requirements: One crewmember with one full season of stream survey experience plus demonstrated knowledge in R-6 Stream Survey techniques.

Second crewmember with demonstrated knowledge in R-6 stream survey techniques.

SECTION D--PACKAGING AND MARKING

{For this Solicitation, there are NO clauses in this Section}

SECTION E--INSPECTION AND ACCEPTANCE

E.1 FAR 52.252-2 Clauses Incorporated by Reference (FEB 1998)

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es): www.arnet.gov/far/

FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1) CLAUSES

52.246-4 Inspection of Services--Fixed-Price (AUG 1996)

E.2 Inspections and Acceptance

- a) The COR or Inspector(s) will make periodic inspections while work is in progress to assure that work is proceeding satisfactorily. It is recommended that the Contractor accompany the Inspector during these checks.
- b) As the basis of payment, the COR will inspect for compliance with specifications the stream surveys and final reports submitted as complete by the Contractor. The Contractor shall correctly sequence SO numbers, reaches, and habitat unit types. The Contractor shall collect all physical and biological information with an accuracy of at least 90 percent. Re-performance by the contractor shall be required for work accomplished with less than 90 percent accuracy.
- c) Each work item or sub-item, as designated by the attached map and described in the Schedule of Items, will be inspected as a separate item or sub-item and will not be averaged with any other item or sub-item for acceptance or payment.
- d) The COR or Inspector(s) will examine a sub-sample of surveyed habitat units to determine that 90% of the stream survey data collected by the Contractor is accurate.
 - 1) Inspectors will consider MEASURE or COUNT-type attributes (for example, a measured length or depth, conifer counts, or fish counts), accurate if error is within plus or minus 10% of the correct value as determined by the Inspectors.

- 2) Inspectors will consider Contractor estimates of Valley Floor Width accurate if estimates are within plus or minus 20% of the inspector's estimation.
- 3) Inspectors will consider QUALITATIVE-type attributes (for example, valley form, channel unit, or successional class) accurate based on attribute descriptions in the Stream Survey Handbbok and Olympic National Forest Modifications.
- 4) Inspectors will consider estimated length, width, and depth dimensions to be accurate if they are reasonable approximations of the true dimensions and if they are generally consistently in the magnitude and direction (either greater or smaller than the true value) of error.

SECTION F--DELIVERIES OR PERFORMANCE

F.1 FAR 52.252-2 Clauses Incorporated by Reference (FEB 1998)

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es): www.arnet.gov/far/

FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1) CLAUSES

- 52.242-15 Stop Work Order (AUG 1989)
52.242-17 Government Delay of Work (APR 1984)

F.2 AGAR 452.211-74 Period of Performance (FEB 1988)

The period of performance of this contract is from the date of issuance of the notice to proceed through December 15, 2004.

F.3 Deliveries or Performance

a) Contract Time and Required Rate of Progress

1) TIMING OF FIELD SURVEYS

The field portion of surveys, the physical and biological surveys, shall be conducted during summer low flow conditions. The field surveys shall not begin before July 1, 2004 nor continue beyond September 30, 2004. The Government will determine the order in which the individual stream surveys shall occur.

2) TIMING OF DATA SUBMISSION

Within 15 calendar days after completing the physical and biological surveys of a sub-item, the Contractor shall submit to the COR: Hard copies of Forms: Final Reach Delineation Form, Channel Unit Form, Special Cases Form (includes culverts, extra information for waterfalls and chutes), Remarks Forms, Aquatics Biota Forms, Discharge Forms, Wolman Pebble Count Forms, Daily Diary Data Form, Photo Log Forms, and Field Maps.

3) TIMING OF REPORTS

A) Draft Stream Survey Reports, including maps and electronic data files for the Remarks Form, Aquatic Biota Form, Discharge Form, Wolman Pebble Count Form, and the Photo Log and Photos, shall be submitted for review to the COR no later than November 1, 2004. Amendments or changes to the draft reports will be recommended by the Contracting Officer in writing and will be submitted to the contractor no later than 21 calendar days after receipt of draft reports. The Contractor shall make the suggested amendments or changes prior to submitting final reports.

B) Final Reports shall be submitted to the COR no later than December 15, 2004.

b) Interruption of Work

The count of calendar days to be charged against contract time shall begin on the day established by the Notice to Proceed and shall continue through the date of completion as specified in IV.A1 and A3.

The Contractor shall prosecute the work at a rate that will result in completion of all work within the time specified. It is not anticipated that adverse weather or road conditions will prevent access to the work sites or prevent performance to specifications.

Work under the project may be dependent upon certain critical conditions such as stream flows, weather or other factors. These conditions may limit actual performance. The Contracting Officer will be responsible for determining when conditions are suitable for performance. Suspend and resume work orders will be issued accordingly.

Equitable time adjustments may be made for suspension of work not due to any fault or negligence of the Contractor.

c) Substitutions:

Stream mileages are generally estimated to encompass suitable fish habitat. Actual mileages as determined in the field will vary. However, if there is a tendency for actual stream surveys to be shorter than estimated by the Forest Service, and if mutually agreed, the parties may add other stream segments to make up for the shortfall of quantities. If any stream within this contract becomes a completely dry channel prior to when the estimated upstream end of the survey is reached, the Contractor shall immediately contact the Contracting Officer for possible substitution of stream segments.

SECTION G--CONTRACT ADMINISTRATION DATA

G.1 AGAR 452.215-73 Post Award Conference (NOV 1996)

A post award conference with the successful offeror is required. It will be scheduled within 14 days after the date of contract award. The conference will be held at a Government location agreed upon by all parties.

G.2 Government-Furnished Property

The Government will provide the following item(s) of Government property to the Contractor for use in the performance of this contract. This property shall be used and maintained by the Contractor in accordance with the provisions of the "Government Property" FAR clause contained elsewhere in the contract.

See Attachment listed in Section J.

G.3 Designation of Contracting Officer's Representative

The Contracting Officer, upon contract award, will designate in writing a Contracting Officer's Representative (COR).

G.4 Measurement and Payment

- a) Contractor Quality Control: The Contractor shall develop and maintain a Quality Assurance Plan. A Quality Control Plan (QCP) shall be provided to the Contracting Officer no later than the performance or pre-work conference. The Contractor shall develop and implement procedures to identify, prevent, and ensure non-recurrence of defective service. As a minimum, the Contractor shall describe what methods and timeframes the Contractor will use to self inspect work in the field, and related work after survey, making sure that all forms are completed, readable, and in compliance with Section C.2; and that the stream survey report meets the standard provided in the example listed as an attachment in Section J.
- b) Quality Assurance: The Government will periodically evaluate the Contractor's performance in accordance with the Quality Assurance Surveillance Plan.
- c) Government Remedies: The Contracting Officer will follow the clauses incorporated in Section I, Region 6 Stream Survey Inventory handbook (Version 2.2 or newer), Additional Olympic National Forest Methodology specified in Section J, and specification in Section C.2.

G.5 Quality Assurance Surveillance Plan For Stream Survey Services

INTRODUCTION

This Quality Assurance Surveillance Plan (QASP) has been developed to evaluate contractor actions while implementing this Statement of Work. It is designed to provide an effective surveillance method of monitoring contractor performance for each listed objective in this service contract.

The QASP provides a systematic method to evaluate the services the Contractor is required to furnish. This QASP is based on the premise the government desires to maintain a quality standard in stream survey field work and survey reports that this service contract provides and is the best means of achieving the objective.

The Contractor, and not the Government, is responsible for management and quality control actions to meet the terms of the contract. The role of the Government is quality assurance to ensure contract standards are achieved.

In this contract, the quality control program is the driver for payment. The Contractor is required to develop a comprehensive program of inspections and monitoring actions. The first major step to ensuring a "self-correcting" contract is to ensure that the quality control program approved at the beginning of the contract provides the measures needed to lead the contractor to success.

Once the quality control program is approved, careful application of the process and standards presented in the remainder of this document will ensure a robust quality assurance program.

Performance Objective	SOW Paragraph	Performance Threshold
<u>Collecting all physical and biological information.</u> Correctly sequence SO number, reach, and habitat unit types	E.2.-b	Meets 90% or greater
<u>Surveyed Habitat Units.</u> Stream Survey data collected	E.2.-d	Meets 90% or greater
Measure or Count- Type Attributes A measured length or depth, fish counts	E.2.-d.1	With in plus or minus 10%
<u>Valley floor widths</u>	E.2.-d.2	Within plus or minus 20% of inspectors estimate
<u>Quantitative type attributes.</u> Valley form, channel unit, or successional class	E.2.-d.3	Accurate base on attribute description in the stream survey hand book and Olympic National Forest Modification
<u>Estimated Values.</u> Length, widths, and depth dimensions and directions	E.2.-d.4	Reasonable approximation

SURVEILLANCE:

The Contracting Officer's Representative (COR) will monitor contractor's quality control inspections (QCI) for compliance.

STANDARD:

If the government COR or inspector finds that through the surveillance inspection of the contractors Quality Control Plan that they are not in compliance with the standards stated in Section E.2, re-work of all data collected from the last acceptable COR inspection to present will be required.

PROCEDURES:

The COR shall in writing and verbally notify the Contractor's Quality Control Inspector (QCI) of any unacceptable surveillance inspection. The QCI will be given two day after notification to correct the unacceptable items and re-inspect from the point of last successful surveillance inspection. If the QCI challenges the finding of the surveillance inspection The CO will be notified. The Contracting officer will investigate the validity of the complaint and notify the contractor of the findings.

METHOD OF MEASUREMENT:

Stream mileages for payment in this contract will be calculated from the Corrected stream miles as calculated from a summarization of channel unit lengths, excluding side-channel lengths. This figure gives a close approximation of the actual main channel stream distance surveyed.

BASIS OF PAYMENT:

Payment will be made on the basis of actual measured stream miles surveyed for each item, excluding side-channel lengths.

CALCULATION OF PAYMENT:

A partial payment of 60% may be made upon submission and acceptance of the complete physical, biological and electronic data set as specified under C.2, Subsection E.1. for EACH SUB-ITEM.

Final payment will be made upon submission and acceptance of the final report for EACH ITEM. No payment will be made for a partially completed Final Report.

SECTION H--SPECIAL CONTRACT REQUIREMENTS

H.1 AGAR 452.237-74 Key Personnel (FEB 1988)

- a) The Contractor shall assign to this contract the following key personnel: **On the Ground Supervisor.**
- b) During the first ninety (90) days of performance, the Contractor shall make no substitutions of key personnel unless the substitution is necessitated by illness, death, or termination of employment. The Contractor shall notify the Contracting Officer within 15 calendar days after the occurrence of any of these events and provide the information required by paragraph (c) below. After the initial 90-day period, the Contractor shall submit the information required by paragraph (c) to the Contracting Officer at least 15 days prior to making any permanent substitutions.
- c) The Contractor shall provide a detailed explanation of the circumstances necessitating the proposed substitutions, complete resumes for the proposed substitutes, and any additional information requested by the Contracting Officer. Proposed substitutes should have comparable qualifications to those of the persons being replaced. The Contracting Officer will notify the Contractor within 15 calendar days after receipt of all required information of the decision on substitutions. The contract will be modified to reflect any approved changes of key personnel.

H.2 Contractor's On-The-Ground Supervisor

One supervisor, conversant in the English language, shall be designated in writing by the Contractor for each crew. The written designation shall indicate the limits of the supervisor's authority. Where two or more people are designated as supervisor, their written delegation shall indicate the priority of their designations so no more than one person shall be in charge of a crew at any one time.

Work shall be performed in an organized systematic manner.

At all times during performance of this contract, and until the work is completed and accepted, the Contractor shall directly superintend the work or assign and have on the work site a competent superintendent who is satisfactory to the Contracting Officer and has authority to act for the Contractor.

H.3 Schedules for Service Contract

The Contractor shall submit a work schedule plan to the COR at the beginning of the contract period and contact the Contracting Officer a minimum of five working days prior to beginning a survey item.

The Contractor shall submit a brief written report of progress to the Contracting Officer weekly during the course of the contract. The date of the first Progress Report shall be the second Friday after the start work date specified on the Notice to Proceed.

H.4 Notice to Proceed

A Notice to Proceed will be issued in writing by the Contracting Officer. No work shall begin until receipt of this notice. Contract time shall commence on the day indicated on the Notice to Proceed.

After work has started, progress will be made in accordance with the proposed progress schedule agreed upon at the pre-work meeting when weather and ground conditions are satisfactory, as determined by the Contracting Officer or COR.

H.5 Property and Personal Damage

- a) The Contractor shall use every precaution necessary to prevent damage to public and private property.
- b) The Contractor shall be responsible for all damage to property and to persons, including third parties, that occur as a result of his or her agent's or employee's fault or negligence. The term "third parties" is construed to include employees of the Government.

H.6 Use of Premises

The Contractor shall comply with the regulations governing the operation of premises that are occupied and shall perform contract in such a manner as not to interrupt or interfere with the conduct of Government business.

Forest Service regulations for use of campgrounds prohibit occupancy of developed recreation sites for other than primarily recreation purposes. A camping permit is required on National Forest land for commercial purposes. Such permits are to be obtained by the Contractor through the Contracting Officer. A camp is interpreted to include the campsite or trailer parking area of any employee working on the project for the Contractor. Such permits, if granted, will be without charge to the Contractor.

H.7 Post Award Conference

A post award conference with the successful offeror is required. It will be scheduled and held within 15 days after the contract award. The conference will be held at the location listed below, or another agreed to location:

OLYMPIC NATIONAL FOREST
PACIFIC RANGER DISTRICT
437 Tillicum Lane
Forks, WA 98548

H.8 Trash and Refuse Material

- a) Contractor shall remove all of his/her own trash and refuse from the contract area. Material to be removed includes, but is not limited to: used engine oil, oil filters, oil cans, grease cartridges, camp refuse such as tin cans, paper garbage, excess materials, temporary structures, and equipment. In short, all parts of the work areas shall be left in a neat and presentable condition.
- b) Sanitary requirements, all placements of sanitary facilities will require prior approval of the Contracting Officer.

H.9 Motorized Equipment

Use of motorized equipment other than hand-held equipment will not be permitted off designated roads in the project area without approval of the Contracting Officer or as elsewhere provided herein.

H.10 Fire Prevention and Control

a) The Contractor shall be governed by the following in addition to any fire plan contained in the contract:

- 1) **Contractor's Responsibility in Fighting Own Fire:** The Contractor under the direction of the Forest Supervisor or in absence of said officer, acting independently, shall immediately extinguish without expense to the Government, all fires on or in the vicinity of the project that are caused by him or his employees whether set directly or indirectly as a result of the work on this project. The Contractor may be held liable for all damages resulting from fires set or caused by his employees or resulting from the operation of this contract. If the amount and character of labor, subsistence, supplies, and transportation which the Contractor is in a position to furnish promptly, for fire suppression, prove inadequate, the Forest Supervisor is authorized to procure such items and services as he may deem necessary and charge to the Contractor.
- 2) **Use of the Contractor's Employees to Fight Other Fires.** For the purpose of fighting forest fires on or in the vicinity of the project, which are not caused by the Contractor or his employees, the Contractor, when requested by the Contracting Officer, shall place his employees and equipment temporarily at the disposal of the Forest Service. The Government will make payment for such services not less than the current rate for fire-fighting services established by the Forest Service in the area concerned. Any employees and equipment furnished will be relieved from fire fighting as soon as the Forest Service finds that it is practicable to employ other labor and equipment adequate for the protection of the area. An equitable adjustment in contract time may be made for this period.
- 3) Specific fire precautionary measures are as follows:

A) Smoking and Open Fires

Smoking and fires shall be permitted only at the option of the Contractor. The Contractor shall not allow open fires on the project area without advance permission in writing from Forest Service.

Unless restricted by State Law or Federal Regulation, smoking shall be permitted only in such portions of the project area that are free of flammable material. Smokers shall sit down to smoke in such a position that any burning material will fall within a cleared area, and shall extinguish and press out in mineral soil all burning material before leaving the cleared area.

B) Fire Extinguishers and Equipment on Trucks, Tractors, etc.

All power-driven equipment operated by the Contractor on National Forest land, except portable fire pumps, shall be equipped with one fire extinguisher having a UL rating of at least 5 BC, and one "D" handled or long handled round point shovel, size "O" or larger. In addition, each motor patrol, truck and passenger-carrying vehicle shall be equipped with a double-bit axe or Pulaski, 3-1/2 pounds or larger.

Equipment shall be kept in a serviceable condition and shall be readily available.

C) Spark Arresters and Mufflers

Each internal combustion engine shall be equipped with a spark arrester meeting either (1) USDA Forest Service Standard 5100-1a, or (2) appropriate Society of Automotive Engineers (SAE) recommended practice J335(b) and J350(a) as now or hereafter amended unless it is:

- i) A passenger-carrying vehicle or light truck, or medium truck up to 40,000 GVW, used on roads and equipped with a factory-designed muffler complete with baffles and an exhaust system in good working condition.

Exhaust equipment described in this subsection, including spark arresters and mufflers, shall be properly installed and constantly maintained in serviceable condition.

D) Emergency Fire Precautions

The Contractor shall restrict operations in accordance with the Industrial Fire Precaution Levels. A copy of the precaution levels will be supplied at the prework meeting. The Forest Service may change the Industrial Fire Precaution Levels to other values upon revision of the National Fire Danger Rating System and may change the specific Industrial Fire Precaution Levels when such changes are necessary for the protection of the National Forest. When sent to the Contractor, the revised Industrial Fire Precaution Levels will supersede the attached levels.

H.11 Subcontracts

The Contractor wishing to subcontract any portion of the contract shall furnish name(s) of the subcontractor(s) to the Contracting Officer. Any subcontract agreement shall contain all terms and conditions of the prime contract.

PART II--CONTRACT CLAUSES

SECTION I--CONTRACT CLAUSES

I.1 FAR 52.252-2 Clauses Incorporated by Reference (FEB 1998)

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es):

www.arnet.gov/far/

www.usda.gov/procurement/policy/agar.html

FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1) CLAUSES

- 52.209-6 Protecting the Government's Interest when Subcontracting with Contractors Debarred, Suspended, or Proposed for Debarment (JUL1995)
- 52.215-8 Order of Precedence--Uniform Contract Format (OCT 1997)
- 52.219-6 Notice of Total Small Business Set-Aside (JUN 2003)
- 52.222-3 Convict Labor (JUN 2003)
- 52.222-21 Prohibition of Segregated Facilities (FEB 1999)
- 52.222-26 Equal Opportunity (APR 2002)
- 52.222-35 Equal Opportunity for Special Disabled Veterans, Veterans of the Vietnam Era, and other Eligible Veterans (DEC 2001) (*Applicable if contract exceeds \$25,000*)
- 52.222-36 Affirmative Action for Workers with Disabilities (JUN 1998) (*Applicable if contract exceeds \$10,000*)
- 52.222-37 Employment Reports on Special Disabled Veterans, Veterans of the Vietnam Era, and other Eligible Veterans (DEC 2001) (*Applicable if contract exceeds \$25,000*)
- 52.222-41 Service Contract Act of 1965, as Amended (MAY 1989)
- 52.223-5 Pollution Prevention and Right-to-Know Information (AUG 2003)
- 52.223-6 Drug-Free Workplace (MAY 2001) (*Applicable if contract is awarded to an individual*)
- 52.225-13 Restrictions on Certain Foreign Purchases (DEC 2003)
- 52.232-1 Payments (APR 84)
- 52.232-8 Discounts for Prompt Payment (FEB 2002)
- 52.232-11 Extras (APR 1984)
- 52.232-23 Assignment of Claims (JAN 1986)
- 52.232-25 Prompt Payment (OCT 2003)
- 52.232-33 Payment by Electronic Funds Transfer – Central Contractor Registration (OCT 2003)
- 52.233-1 Disputes (JULY 2002)
- 52.233-3 Protest After Award (AUG 1996)
- 52.237-2 Protection of Government Buildings, Equipment, and Vegetation (APR 1984)
- 52.243-1 Changes--Fixed-Price (AUG 1987)--Alternate I (APR 1984)
- 52.245-1 Property Records (APR 1984)
- 52.245-4 Government-Furnished Property (Short Form) (JUN 2003)
- 52.249-1 Termination for Convenience of the Government (Fixed-Price) (Short From) (APR 1984)
- 52.249-8 Default (Fixed-Price Supply and Service) (APR 1984)
- 52.253-1 Computer Generated Forms (JAN 1991)

AGRICULTURE ACQUISITION REGULATION (48 CFR CHAPTER 4) CLAUSES

- 452.237-70 Loss, Damage, Destruction or Repair (FEB 1988)
- 452.237-75 Restrictions Against Disclosure (FEB 1988)

I.2 FAR 52.204-7 Central Contractor Registration (Oct 2003)

a) Definitions. As used in this clause-

"Central Contractor Registration (CCR) database" means the primary Government repository for Contractor information required for the conduct of business with the Government.

"Data Universal Numbering System (DUNS) number" means the 9-digit number assigned by Dun and Bradstreet, Inc. (D&B) to identify unique business entities.

"Data Universal Numbering System +4 (DUNS+4) number" means the DUNS number assigned by D&B plus a 4-character suffix that may be assigned by a business concern. (D&B has no affiliation with this 4-character suffix.) This 4-character suffix may be assigned at the discretion of the business concern to establish additional CCR records for identifying alternative Electronic Funds Transfer (EFT) accounts (see the FAR at Subpart 32.11) for the same parent concern.

"Registered in the CCR database" means that-

- 1) The Contractor has entered all mandatory information, including the DUNS number or the DUNS+4 number, into the CCR database; and
 - 2) The Government has validated all mandatory data fields and has marked the record "Active".
- b)
- 1) By submission of an offer, the offeror acknowledges the requirement that a prospective awardee shall be registered in the CCR database prior to award, during performance, and through final payment of any contract, basic agreement, basic ordering agreement, or blanket purchasing agreement resulting from this solicitation.
 - 2) The offeror shall enter, in the block with its name and address on the cover page of its offer, the annotation "DUNS" or "DUNS +4" followed by the DUNS or DUNS +4 number that identifies the offeror's name and address exactly as stated in the offer. The DUNS number will be used by the Contracting Officer to verify that the offeror is registered in the CCR database.
- c) If the offeror does not have a DUNS number, it should contact Dun and Bradstreet directly to obtain one.
- 1) An offeror may obtain a DUNS number-
 - i) If located within the United States, by calling Dun and Bradstreet at 1-866-705-5711 or via the Internet at <http://www.dnb.com>; or
 - ii) If located outside the United States, by contacting the local Dun and Bradstreet office.
 - 2) The offeror should be prepared to provide the following information:
 - i) Company legal business.
 - ii) Tradestyle, doing business, or other name by which your entity is commonly recognized.

- iii) Company Physical Street Address, City, State, and Zip Code.
 - iv) Company Mailing Address, City, State and Zip Code (if separate from physical).
 - v) Company Telephone Number.
 - vi) Date the company was started.
 - vii) Number of employees at your location.
 - viii) Chief executive officer/key manager.
 - ix) Line of business (industry).
 - x) Company Headquarters name and address (reporting relationship within your entity).
- d) If the Offeror does not become registered in the CCR database in the time prescribed by the Contracting Officer, the Contracting Officer will proceed to award to the next otherwise successful registered Offeror.
- e) Processing time, which normally takes 48 hours, should be taken into consideration when registering. Offerors who are not registered should consider applying for registration immediately upon receipt of this solicitation.
- f) The Contractor is responsible for the accuracy and completeness of the data within the CCR database, and for any liability resulting from the Government's reliance on inaccurate or incomplete data. To remain registered in the CCR database after the initial registration, the Contractor is required to review and update on an annual basis from the date of initial registration or subsequent updates its information in the CCR database to ensure it is current, accurate and complete. Updating information in the CCR does not alter the terms and conditions of this contract and is not a substitute for a properly executed contractual document.
- g) 1) i) If a Contractor has legally changed its business name, "doing business as" name, or division name (whichever is shown on the contract), or has transferred the assets used in performing the contract, but has not completed the necessary requirements regarding novation and change-of-name agreements in Subpart 42.12, the Contractor shall provide the responsible Contracting Officer a minimum of one business day's written notification of its intention to (A) change the name in the CCR database; (B) comply with the requirements of Subpart 42.12 of the FAR; and (C) agree in writing to the timeline and procedures specified by the responsible Contracting Officer. The Contractor must provide with the notification sufficient documentation to support the legally changed name.
- ii) If the Contractor fails to comply with the requirements of paragraph (g)(1)(i) of this clause, or fails to perform the agreement at paragraph (g)(1)(i)(C) of this clause, and, in the absence of a properly executed novation or change-of-name agreement, the CCR information that shows the Contractor to be other than the Contractor indicated in the contract will be considered to be incorrect information within the meaning of the "Suspension of Payment" paragraph of the electronic funds transfer (EFT) clause of this contract.

2) The Contractor shall not change the name or address for EFT payments or manual payments, as appropriate, in the CCR record to reflect an assignee for the purpose of assignment of claims (see FAR Subpart 32.8, Assignment of Claims). Assignees shall be separately registered in the CCR database. Information provided to the Contractor's CCR record that indicates payments, including those made by EFT, to an ultimate recipient other than that Contractor will be considered to be incorrect information within the meaning of the "Suspension of payment" paragraph of the EFT clause of this contract.

h) Offerors and Contractors may obtain information on registration and annual confirmation requirements via the internet at <http://www.ccr.gov> or by calling 1-888-227-2423, or 269-961-5757.

I.3 FAR 52.222-42 Statement of Equivalent Rates for Federal Hires (MAY 1989)

In compliance with the Service Contract Act of 1965, as amended, and the regulations of the Secretary of Labor (29 CFR Part 4), this clause identifies the classes of service employees expected to be employed under the contract and states the wages and fringe benefits payable to each if they were employed by the contracting agency subject to the provisions of 5 U.S.C. 5341 or 5332.

*This Statement is for Information Only:
It Is Not A Wage Determination.*

<u>Employee Class</u>	<u>Monetary Wage--Fringe Benefits</u>
<u>Biological Technician – GS 3</u>	<u>\$10.89 Wage + Fringe</u>
<u>Biological Technician – GS 5</u>	<u>\$13.67 Wage + Fringe</u>

I.4 FAR 52.244-6 Subcontracts for Commercial Items (MAY 2004)

a) *Definitions.* As used in this clause-

"Commercial item" has the meaning contained in the clause at 52.202-1, Definitions.

"Subcontract" includes a transfer of commercial items between divisions, subsidiaries, or affiliates of the Contractor or subcontractor at any tier.

b) To the maximum extent practicable, the Contractor shall incorporate, and require its subcontractors at all tiers to incorporate, commercial items or nondevelopmental items as components of items to be supplied under this contract.

c) 1) The following clauses shall be flowed down to subcontracts for commercial items:

i) 52.219-8, Utilization of Small Business Concerns (MAY 2004) (15 U.S.C. 637(d)(2) and (3)), in all subcontracts that offer further subcontracting opportunities. If the subcontract (except subcontracts to small business concerns) exceeds \$500,000 (\$1,000,000 for construction of any public facility), the subcontractor must include 52.219-8 in lower tier subcontracts that offer subcontracting opportunities.

ii) 52.222-26, Equal Opportunity (APR 2002) (E.O. 11246).

iii) 52.222-35, Equal Opportunity for Special Disabled Veterans, Veterans of the Vietnam Era and Other Eligible Veterans (DEC 2001) (38 U.S.C. 4212(a)).

- iv) 52.222-36, Affirmative Action for Workers with Disabilities (June 1998) (29 U.S.C. 793).
 - v) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (APR 2003) (46 U.S.C. Appx 1241 and 10 U.S.C. 2631) (flow down required in accordance with paragraph (d) of FAR 52.247-64).
- 2) While not required, the Contractor may flow down to subcontracts for commercial items a minimal number of additional clauses necessary to satisfy its contractual obligations.
- d) The Contractor shall include the terms of this clause, including this paragraph (d), in subcontracts awarded under this contract.

PART III--LIST OF DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS

SECTION J--LIST OF ATTACHMENTS

J.1 LIST OF ATTACHMENTS

Appendix A	Project Area Map	5 pages
Appendix B	Olympic Modifications of R6 Handbook	2 page
Appendix C	Guidelines for Preparation of Stream Survey Reports	2 pages
Appendix D	Government Supplied Equipment	1 page
Appendix E	Contractor Supplied Equipment	1 page
Appendix F	Wage Determination No.1977-0209	3 pages
Appendix G	Fire Plan	9 pages
Appendix H	Past and Current Contract Information Sheets	2 pages

PART IV--REPRESENTATIONS AND INSTRUCTIONS

SECTION K--REPRESENTATIONS, CERTIFICATIONS, AND OTHER STATEMENTS OF OFFERORS OR RESPONDENTS

K.1 FAR 52.252-1 Solicitation Provisions Incorporated by Reference (FEB 1998)

This solicitation incorporates one or more solicitation provisions by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. The offeror is cautioned that the listed provisions may include blocks that must be completed by the offeror and submitted with its quotation or offer. In lieu of submitting the full text of those provisions, the offeror may identify the provision by paragraph identifier and provide the appropriate information with its quotation or offer. Also, the full text of a solicitation provision may be accessed electronically at this/these address(es): www.arnet.gov/far/

FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1)

52.222-38 Compliance with Veterans' Employment Reporting Requirements (DEC 2001)

NOTE: Offerors should address questions concerning VETS-100 reporting and reporting requirements to the Office of Veterans Employment and Training Services offices at the following address:

*U. S. Department of Labor
VETS-100 Reporting
6101 Stevenson Avenue
Alexandria, VA 22304-3540
Telephone: (703) 461-2460
E-mail: VETS100@dyncorp.com
Website: www.vets100.cudenver.edu*

K.2 FAR 52.204-3 Taxpayer Identification (OCT 1998)

a) *Definitions.*

"Common parent," as used in this provision, means that corporate entity that owns or controls an affiliated group of corporations that files its Federal income tax returns on a consolidated basis, and of which the offeror is a member.

"Taxpayer Identification Number (TIN)," as used in this provision, means the number required by the Internal Revenue Service (IRS) to be used by the offeror in reporting income tax and other returns. The TIN may be either a Social Security Number or an Employer Identification Number.

b) All offerors must submit the information required in paragraphs (d) through (f) of this provision to comply with debt collection requirements of 31 U.S.C. 7701(c) and 3325(d), reporting requirements of 26 U.S.C. 6041, , 6041A, and 6050M and implementing regulations issued by the IRS. If the resulting contract is subject to the reporting requirements described in Federal Acquisition Regulation (FAR) 4.904, the failure or refusal by the offeror to furnish the information may result in a 31 percent reduction of payments otherwise due under the contract.

c) The TIN may be used by the Government to collect and report on any delinquent amounts arising out of the offeror's relationship with the Government (31 U.S.C. 7701(c)(3)). If the resulting contract is subject to the payment reporting requirements described in FAR 4.904, the TIN provided hereunder may be matched with IRS records to verify the accuracy of the offeror's TIN.

d) *Taxpayer Identification Number (TIN).*

TIN:_____.

___ TIN has been applied for.

___ TIN is not required because:

Offeror is a nonresident alien, foreign corporation, or foreign partnership that does not have income effectively connected with the conduct of a trade or business in the U. S. and does not have an office or place of business or a fiscal paying agent in the U.S.;

Offeror is an agency or instrumentality of a foreign government:

Offeror is an agency or instrumentality of a Federal, state or local government;

e) *Type of organization.*

___ Sole proprietorship;

___ Partnership;

___ Corporate entity (not tax-exempt);

___ Corporate entity (tax-exempt);

___ Government entity (Federal, State, or local);

___ Foreign government;

___ International organization per 26 CFR 1.6049-4;

___ Other _____.

f) *Common Parent.*

___ Offeror is not owned or controlled by a common parent as defined in paragraph (a) of this provision.

___ Name and TIN of common parent:

Name_____

TIN_____

K.3 FAR 52.219-1 Small Business Program Representations (MAY 2004)

- a)
- 1) The North American Industry Classification System (NAICS) code for this acquisition is **541620**
 - 2) The small business size standard is **6.0 Million**.
 - 3) The small business size standard for a concern which submits an offer in its own name, other than on a construction or service contract, but which proposes to furnish a product which it did not itself manufacture, is 500 employees.

b) *Representations.*

- 1) The offeror represents as part of its offer that it [] is, [] is not a small business concern.
- 2) [*Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.*] The offeror represents, for general statistical purposes, that it [] is, [] is not, a small disadvantaged business concern as defined in 13 CFR 124.1002.
- 3) [*Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.*] The offeror represents as part of its offer that it [] is, [] is not a women-owned small business concern.
- 4) [*Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.*] The offeror represents as part of its offer that it [] is, [] is not a veteran-owned small business concern.
- 5) [*Complete only if the offeror represented itself as a veteran-owned small business concern in paragraph (b)(4) of this provision.*] The offeror represents as part of its offer that it [] is, [] is not a service-disabled veteran-owned small business concern.
- 6) [*Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.*]

The offeror represents, as part of its offer, that –

- i) It [] is, [] is not a HUBZone small business concern listed, on the date of this representation, on the List of Qualified HUBZone Small Business Concerns maintained by the Small Business Administration, and no material change in ownership and control, principal office, or HUBZone employee percentage has occurred since it was certified by the Small Business Administration in accordance with 13 CFR part 126; and
- ii) It [] is, [] is not a joint venture that complies with the requirements of 13 CFR part 126, and the representation in paragraph (b)(6)(i) of this provision is accurate for the HUBZone small business concern or concerns that are participating in the joint venture. [*The offeror shall enter the name or names of the HUBZone small business concern or concerns that are participating in the joint venture: _____*]. Each HUBZone small business concern participating in the joint venture shall submit a response signed copy of the HUBZone representation.

c) *Definitions.* As used in this provision--

"Service-disabled veteran-owned small business concern"--

- 1) Means a small business concern--
 - i) Not less than 51 percent of which is owned by one or more service-disabled veterans or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more service-disabled veterans; and
 - ii) The management and daily business operations of which are controlled by one or more service-disabled veterans or, in the case of a service-disabled veteran with permanent and severe disability, the spouse or permanent caregiver of such veteran.
- 2) Service-disabled veteran means a veteran, as defined in 38 U.S.C. 101(2), with a disability that is service-connected, as defined in 38 U.S.C. 101(16).

"Small business concern" means a concern, including its affiliates, that is independently owned and operated, not dominant in the field of operation in which it is bidding on Government contracts, and qualified as a small business under the criteria in 13 CFR part 121 and the size standard in paragraph (a) of this provision.

"Veteran-owned small business concern" means a small business concern--

- 1) Not less than 51 percent of which is owned by one or more veterans (as defined at 38 U.S.C. 101(2)) or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more veterans; and
- 2) The management and daily business operations of which are controlled by one or more veterans.

"Women-owned small business concern" means a small business concern--

- 1) That is at least 51 percent owned by one or more women; or, in the case of any publicly owned business, at least 51 percent of the stock of which is owned by one or more women; and
- 2) Whose management and daily business operations are controlled by one or more women.

d) *Notice.*

- 1) If this solicitation is for supplies and has been set aside, in whole or in part, for small business concerns, then the clause in this solicitation providing notice of the set-aside contains restrictions on the source of the end items to be furnished.

- 2) Under 15 U.S.C. 645(d), any person who misrepresents a firm's status as a small, HUBZone small, small disadvantaged, or women-owned small business concern in order to obtain a contract to be awarded under the preference programs established pursuant to section 8(a), 8(d), 9, or 15 of the Small Business Act or any other provision of Federal law that specifically references section 8(d) for a definition of program eligibility, shall--
- i) Be punished by imposition of fine, imprisonment, or both;
 - ii) Be subject to administrative remedies, including suspension and debarment; and
 - iii) Be ineligible for participation in programs conducted under the authority of the Act.

K.4 FAR 52.222-22 Previous Contracts and Compliance Reports (FEB 1999)

The offeror represents that--

- a) It [] has, [] has not participated in a previous contract or subcontract subject to the Equal Opportunity clause of this solicitation;
- b) It [] has, [] has not filed all required compliance reports; and
- c) Representations indicating submission of required compliance reports, signed by proposed subcontractors, will be obtained before subcontract awards.

K.5 FAR 52.222-25 Affirmative Action Compliance (APR 1984)

The offeror represents that--

- a) It [] has developed and has on file, [] has not developed and does not have on file, at each establishment, affirmative action programs required by the rules and regulations of the Secretary of Labor (41 CFR 60-1 and 60-2); or
- b) It [] has not previously had contracts subject to the written affirmative action programs requirement of the rules and regulations of the Secretary of Labor.

SECTION L--INSTRUCTIONS, CONDITIONS, AND NOTICES TO OFFERORS OR RESPONDENTS

L.1 FAR 52.252-1 Solicitation Provisions Incorporated by Reference (FEB 1998)

This solicitation incorporates one or more solicitation provisions by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. The offeror is cautioned that the listed provisions may include blocks that must be completed by the offeror and submitted with its quotation or offer. In lieu of submitting the full text of those provisions, the offeror may identify the provision by paragraph identifier and provide the appropriate information with its quotation or offer. Also, the full text of a solicitation provision may be accessed electronically at this/these address(es):

www.arnet.gov/far/

www.usda.gov/procurement/policy/agar.html

FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1)

- 52.204-6 Data Universal Numbering System (DUNS) (OCT 2003)
- 52.215-1 Instructions to Offerors--Competitive Acquisition (JAN 2004)
- 52.237-1 Site Visit (APR 1984)

AGRICULTURE ACQUISITION REGULATIONS (48 CFR CHAPTER 4) CLAUSES

- 452.204-70 Inquiries (FEB 1988)

L.2 FAR 52.215-5 Facsimile Proposals (OCT 1997)

- a) *Definition.* "Facsimile proposal," as used in this provision, means a proposal, revision or modification of a proposal, or withdrawal of a proposal that is transmitted to and received by the Government via facsimile machine.
- b) Offerors may submit facsimile proposals as responses to this solicitation. Facsimile proposals are subject to the same rules as paper proposals.
- c) The telephone number of receiving facsimile equipment is: **360-956-2277**
- d) If any portion of a facsimile proposal received by the Contracting Officer is unreadable to the degree that conformance to the essential requirements of the solicitation cannot be ascertained from the document--
 - 1) The Contracting Officer immediately shall notify the offeror and permit the offeror to resubmit the proposal.
 - 2) The method and time for resubmission shall be prescribed by the Contracting Officer after consultation with the offeror; and
 - 3) The resubmission shall be considered as if it were received at the date and time of the original unreadable submission for the purpose of determining timelines, provided the offeror complies with the time and format requirements for resubmission prescribed by the Contracting Officer.

- e) The Government reserves the right to make award solely on the facsimile proposal. However, if requested to do so by the Contracting Officer, the apparently successful offeror promptly shall submit the complete original signed proposal.

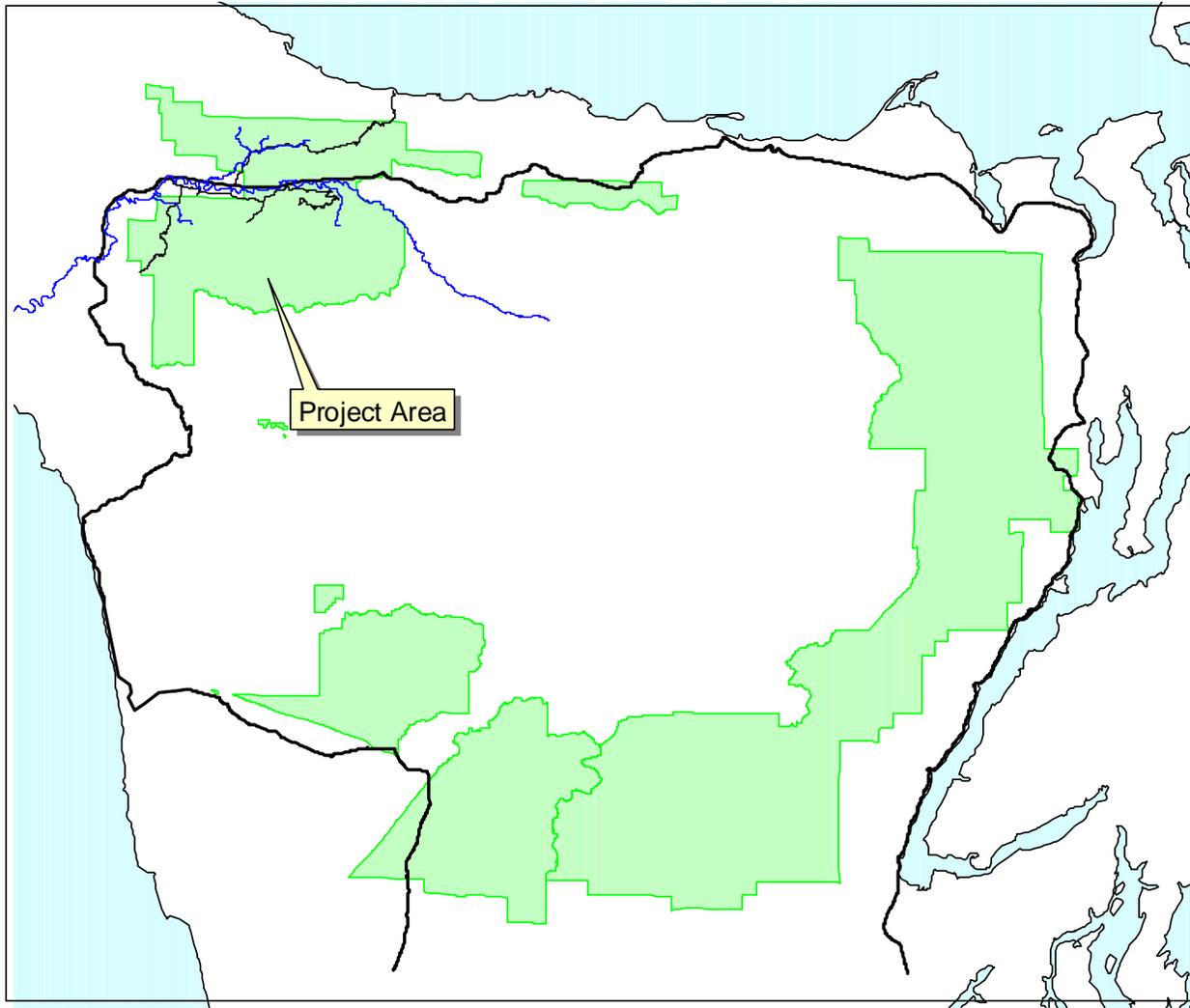
SECTION M--EVALUATION FACTORS FOR AWARD

AWARD DETERMINATION

Award will be made to the quoter (1) whose past performance has allowed for ease of administering projects and (2) whose past performance/cost relationship is the most advantageous to the Government.

EVALUATION FACTORS

Quoters will be evaluated on price and past performance. Attached is a past and current information sheet that the quoter must fill out and submit with their quotation. Projects similar in scope to the project outlined in this solicitation should be included to demonstrate the quoter's familiarity with this type of work.

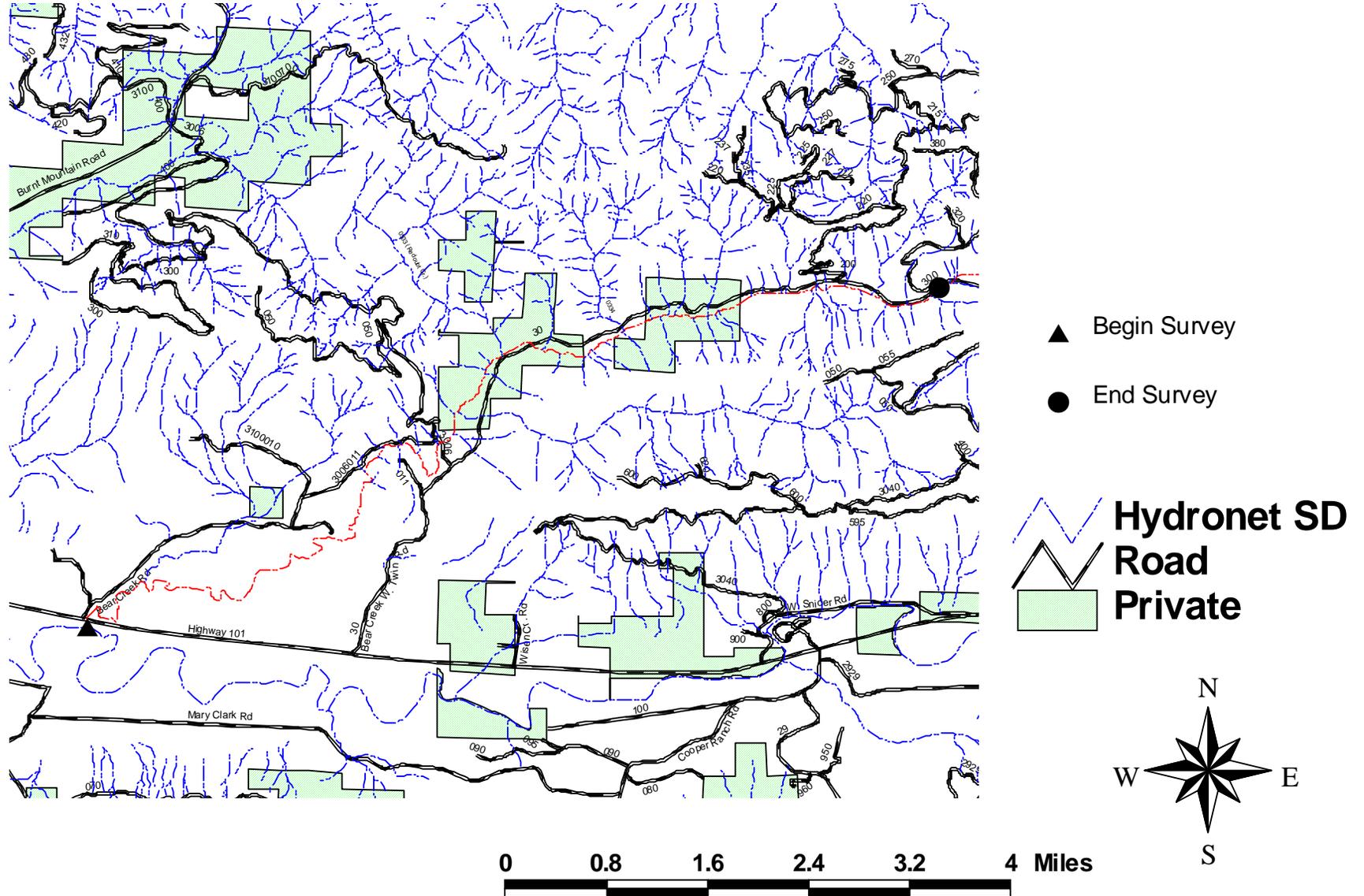


Vicinity Map

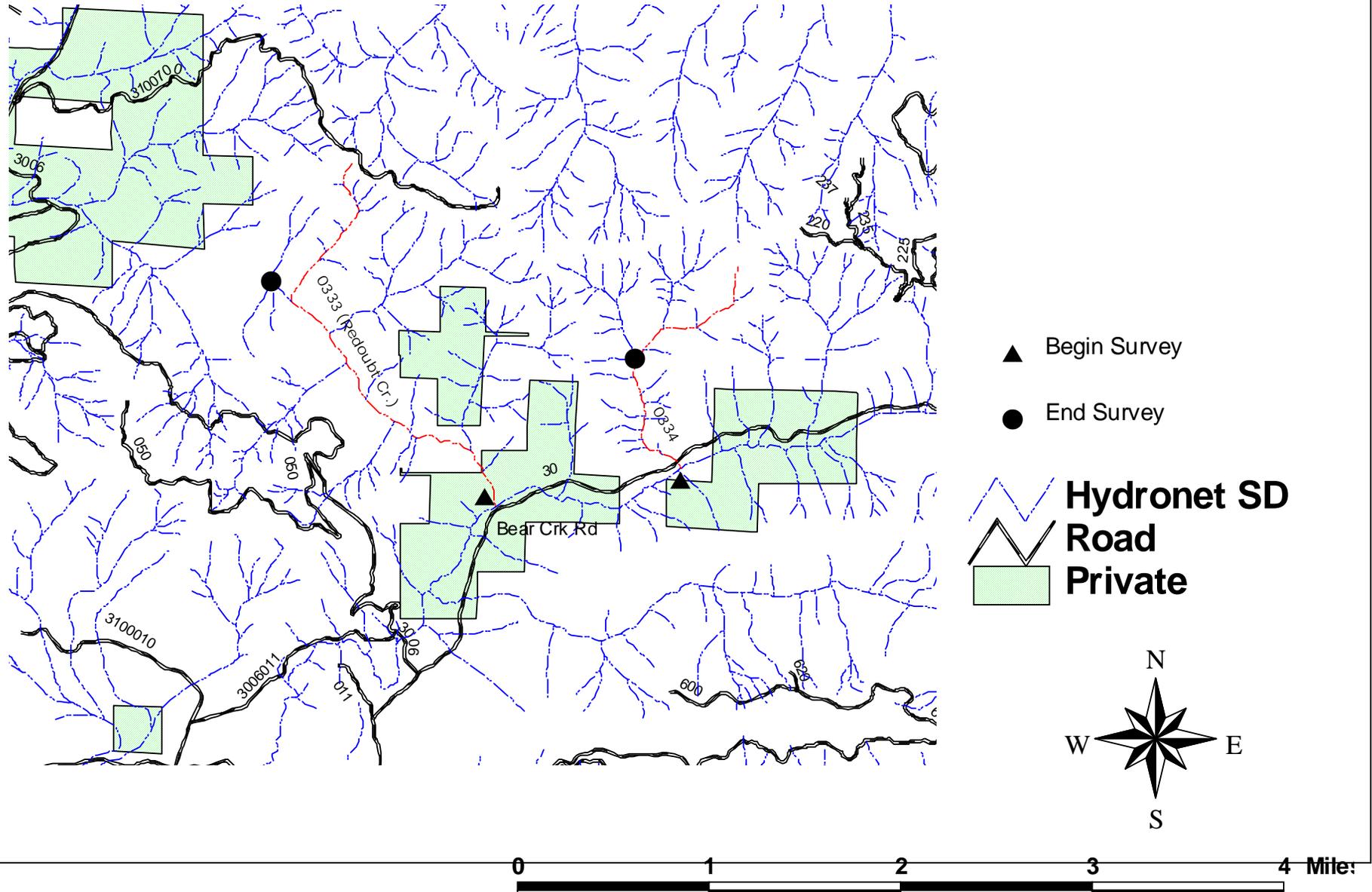
2004 Olympic National Forest Stream Survey Project



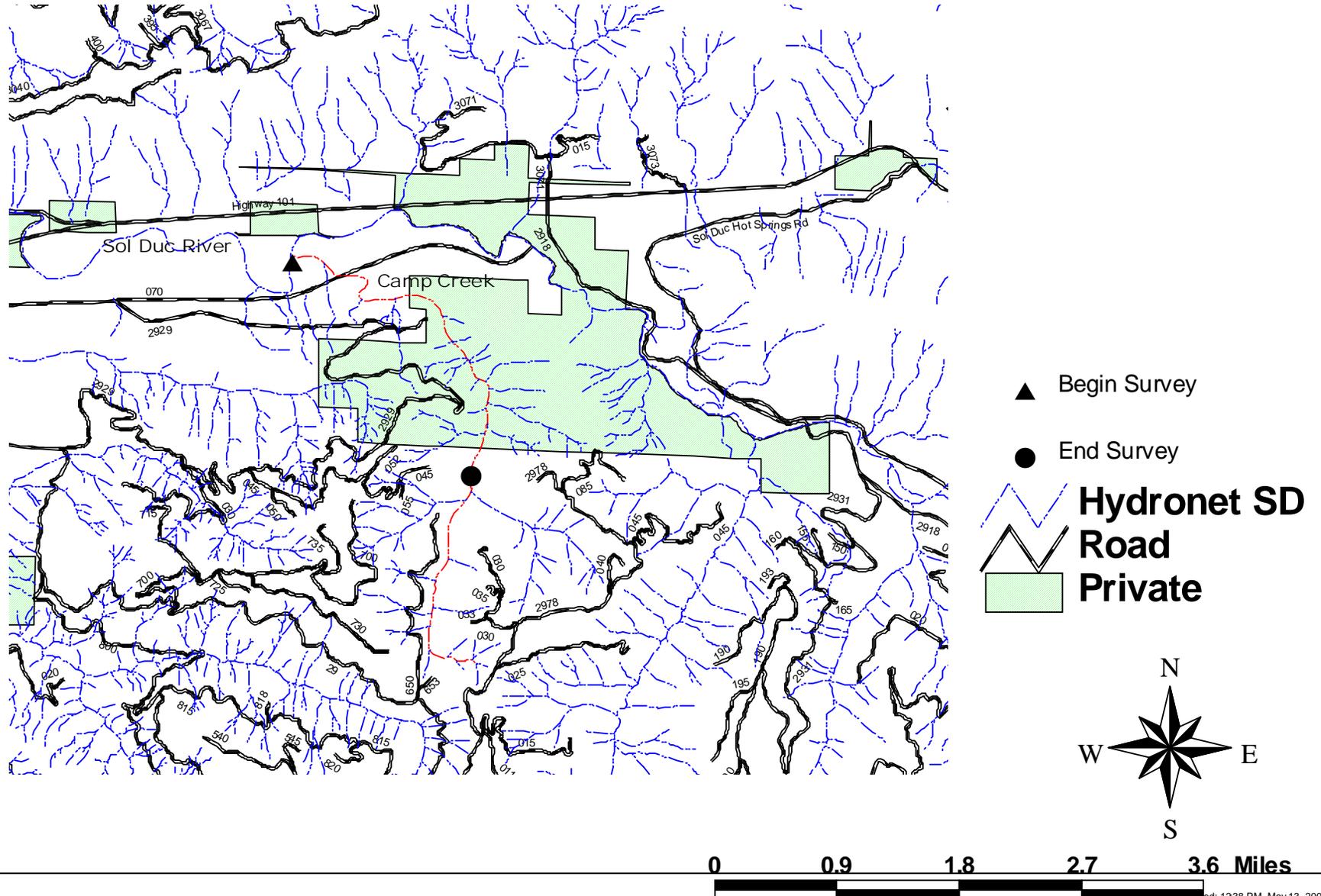
Bear Creek



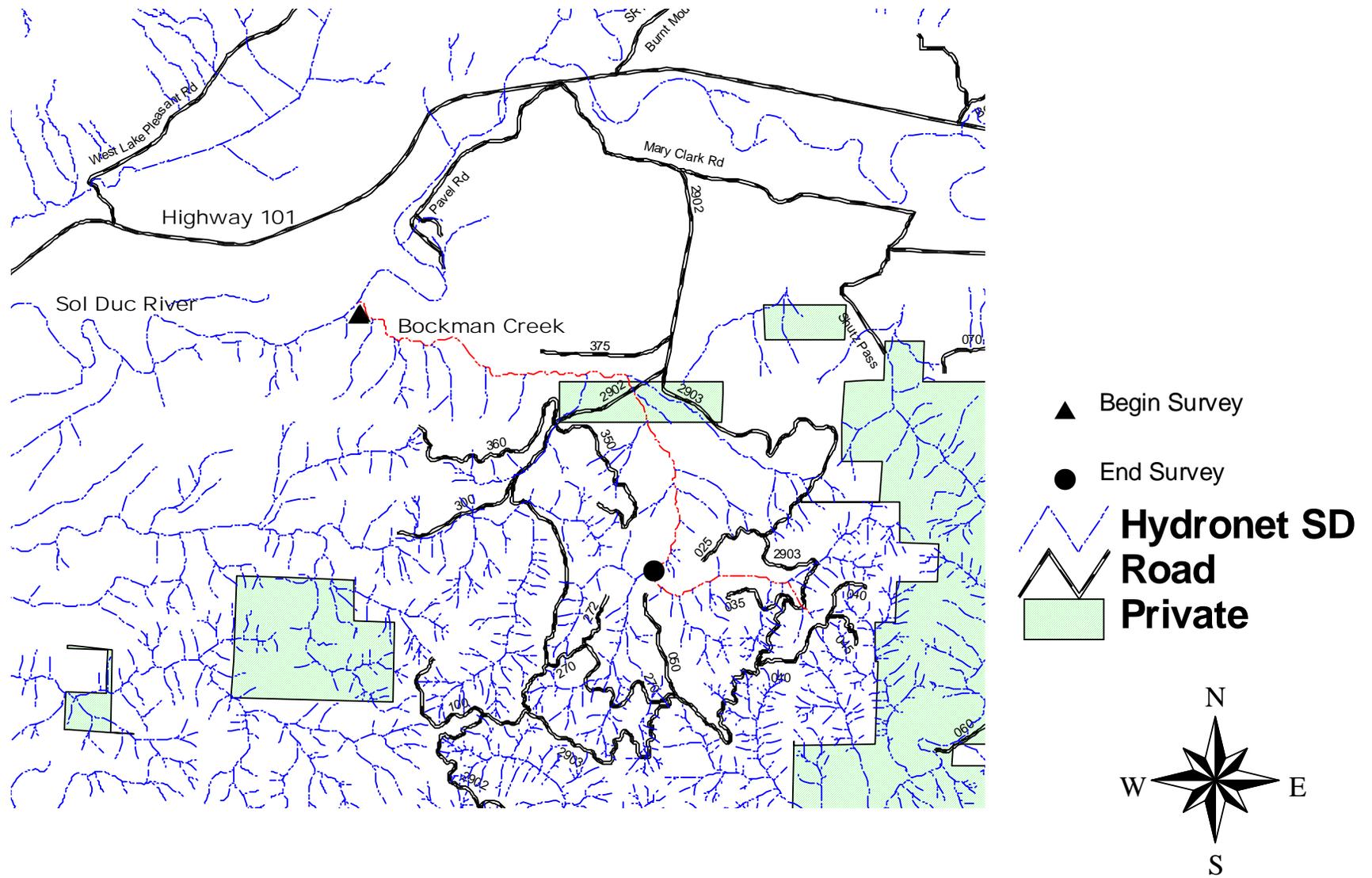
0333 and 0334



Camp Creek



Bockman Creek



OLYMPIC NATIONAL FOREST MODIFICATIONS and ADDITIONS TO R6 HANDBOOK

The following items shall be recorded on the Channel Unit Form either in place of or in addition to attributes described in the Region 6 Stream Inventory Handbook, version 2.4.

All other instructions for this attribute are identical to the Region 6 Stream Inventory Handbook. All other codes are identical to the R6 Handbook and data entry is identical.

1. ADDITIONAL ATTRIBUTE

Streambed Substrate: Enter the estimated percent that each size class of substrate comprises of the wetted streambed for measured units as described in the R-6 Survey Handbook.

2. MODIFIED ATTRIBUTE

Locations of Wolman Pebble Counts will be flagged on the ground and located on project maps.

3. MODIFIED ATTRIBUTE

Geomorphic Channel Units – Level 2 delineation is required on Form A, Level 3 is optional.

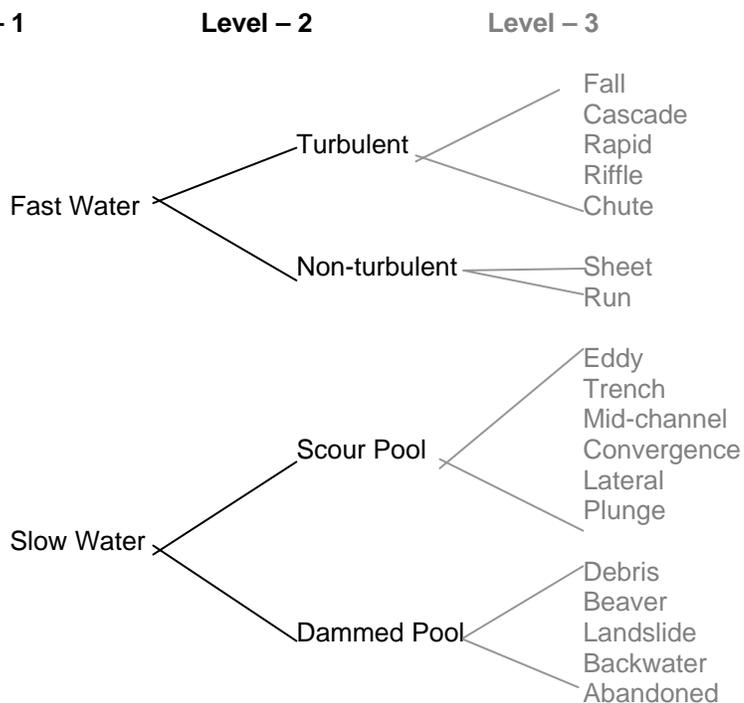


Figure 3.1 Channel geomorphic unit and habitat typing (Hawkins et al. 1993)

4. MODIFIED ATTRIBUTE

Floodplain Vegetation: Do not stratify the floodplain into two different zones. Assume that Zone 1 extends from 0 - 100 feet. Enter data only for Zone 1.

Understory Dominant Species: Document the tree species which dominates the understory component and is likely to replace the overstory dominant tree species if no disturbance removes the overstory.

5. MODIFIED ATTRIBUTE

SPECIES CODES - Species codes will be provided by the District.

Young-of-the-year (0+) cutthroat and steelhead trout too small to confidently identify to a species shall be recorded as ONXX.

6. ADDITIONAL ATTRIBUTE

Water temperature will be taken at identified long-term thermograph locations, in addition to those temperatures taken at measured units.

7. ADDITIONAL ATTRIBUTE

TFW Small Wood: Enter total count of TFW small wood. TFW small wood is defined as any LWD larger than 10 cm. diameter and 2 meters length and smaller than R6 Level II small size class of 12 inches and 25 feet. Where numerous pieces are encountered estimates may be made.

STREAM INVENTORY REPORT GUIDELINES**A. Purpose**

The purpose of a formal stream inventory report is to characterize the habitat conditions of the basin in which surveys have occurred. In addition, the report shall clarify the distribution of aquatic-dependent species within the basin. Regardless of the number of inventories completed within a basin by the Contractor, a single report synthesizes the information for the entire drainage basin.

B. Integration

The report shall integrate the physical data collected with the biological data; comments and reach diaries shall also be used in developing a narrative report of the conditions observed in the drainage basin. Unique conditions of the surveyed reaches shall be included in the narrative.

C. Format

The following is the format outline for the drainage basin report. See Appendix C for additional clarity concerning the specific format for each basin report. Appendix C provides a template for a report; the template (Appendix C) shall be considered the minimum standard for a formal stream inventory report:

- Cover Page
- Basin Summary
- Reach Summaries
- Maps
- Photos / Photographic Log
- Summary Tables for the main stream surveyed in the basin and the summary tables for all tributaries surveyed within the drainage basin
- Reach Diaries / Field Comments

D. Report Maps

1. Every final stream inventory report shall include two (2) separate maps; a physical feature map and a biological map. Each map shall possess:
 - a map legend which includes the stream name, the year of the survey and the name of the Contractor.
 - the reach number as well as the startpoints and endpoints of all surveyed reaches.
 - a label for all tributary junctions recorded as habitat units; label must include NSO number of the tributary and the tributary sequence number.

2. The physical feature map shall also include the locations of special feature habitats and any noteworthy aquatic, riparian or upland conditions in the drainage basin. Specific examples of conditions that are required to be mapped include:

- all beaver dams, both functional and broken.
- all waterfalls that are greater than 5 ft. in height.
- all debris jams judged to be migration barriers.
- riparian areas with significant blown down trees.
- all landslides contributing sediment or organic debris to the valley floor.
- thermograph and wolman pebble count locations.

3. The biological map shall include:

- the location of high quality spawning grounds for anadromous species in a reach that generally offers very little spawning opportunity.
- the location of high quality rearing, summer holding or use areas.
- the identification of fish use by species, delineated with upper and lower limits of use.

E. Additions

Pool frequency shall additionally be reported as channel widths per pool, and large woody debris frequency reported as pieces per channel width. See equations below.

Pool Frequency = $(L/BW)/P$
L=Length of survey reach
BW=Average bankfull width for reach
P=Number of pools

LWD frequency = $(N/L) BW$
N= Number of pieces
L=Length of survey reach
BW= Average bankfull width for reach

GOVERNMENT-FURNISHED PROPERTY

The following property will be furnished to the Contractor after award:

1. Olympic NF maps showing the areas of streams to survey.
2. Completed Level I forms (Survey Form and Preliminary Reach Forms) for every subitem.
3. Aerial Photos or color copies of aerial photographs of the survey area.
4. Applicable, available reports and field forms from previous Forest Service surveys.
5. Sample data forms.
6. Aluminum tags and nails.
7. Stream Inventory Handbook: Level I and II, Pacific Northwest Region (Region 6), 2002, Version 2.3.
8. Ethanol and specimen jars for fish requiring laboratory identification.

CONTRACTOR-SUPPLIED EQUIPMENT

Items of equipment and supplies furnished by the Contractor include, but are not limited to:

1. Mechanical pencils.
2. Clipboard.
3. Distance Measuring devices such as range finder, sonar distance meter, and tape measure. Bungie cords are recommended to hold tape taut on bankfull measurements.
4. Digital Camera or Camera and 35mm color print film (ISO 800).
5. Water velocity meter (approval by Government is required).
6. Handheld submersible thermometer (Centigrade only).
7. Abney level and/or hand level.
8. Clinometer.
9. Deck of 10 cards (Ace to 10).
10. Biodegradable flagging and permanent marker.
11. scaled ruler at least 15 cm long (in increments of millimeters).
12. Computer disks.
13. Polarized sunglasses.
14. Grease Pencils.
15. "Rite in the Rain", or water repellent paper for use in the field for field data and field maps.
16. boots, waders, and felt wading shoes and/or korkers.
17. Submersible flashlight.
18. First Aid kit.

REGISTER OF WAGE DETERMINATIONS UNDER THE
SERVICE CONTRACT ACT

By direction of the Secretary of Labor

William W. Gross Director Division of Wage
Determinations

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON, D.C. 20210

Wage Determination No.: 1977-0209

Revision No.: 29

Date of Last Revision: 05/27/2004

State: Washington
Area: Washington Statewide

****Fringe Benefits Required Follow the Occupational Listing****

Forestry Industry

OCCUPATION CODE - TITLE	MINIMUM WAGE RATE
08010 - Brush/Precommercial Thinner	11 .76
08040 - Choker Setter	14 .08
08070 - Faller/Bucker	20 .56
08100 - Fire Lookout	8 .97
08160 - Forestry/Logging Heavy Equipment Operator	15 .91
08190 - Forestry Technician	15 .91
08190 - Forestry Truckdriver	15 .91
08250 - General Forestry Laborer	11 .75
08280 - Nursery Specialist	14 .57
08310 - Slash Piler/Burner	8 .97
08340 - Tree Climber	13 .16
08370 - Tree Planter	11 .75
08400 - Tree Planter, Mechanical	11 .75

ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:

HEALTH & WELFARE: \$2.59 an hour or \$103.60 a week or \$448.93 a month

VACATION: 1 week paid vacation after 1 year of service with a contractor or successor; 2 weeks after 2 years; and 3 weeks after 5 years. Length of service includes the whole span of continuous service with the present contractor or successor, wherever employed, and with the predecessor contractors in the performance of similar work at the same Federal facility. (Reg. 29 CFR 4.173)

HOLIDAYS: A minimum of ten paid holidays per year: New Year's Day, Martin Luther King Jr.'s Birthday, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. (A contractor may substitute for any of the named holidays another day off with pay in accordance with a plan communicated to the employees involved.) (See 29 CFR 4.174)

**** UNIFORM ALLOWANCE ****

If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage

determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of \$3.35 per week (or \$.67 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the contractor, by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance costs.

**** NOTES APPLYING TO THIS WAGE DETERMINATION ****

Source of Occupational Title and Descriptions:

The duties of employees under job titles listed are those described in the "Service Contract Act Directory of Occupations," Fourth Edition, January 1993, as amended by the Third Supplement, dated March 1997, unless otherwise indicated. This publication may be obtained from the Superintendent of Documents, at 202-783-3238, or by writing to the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Copies of specific job descriptions may also be obtained from the appropriate contracting officer.

REQUEST FOR AUTHORIZATION OF ADDITIONAL CLASSIFICATION AND WAGE RATE {Standard Form 1444 (SF 1444)}

Conformance Process:

The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed classes of employees shall be paid the monetary wages and furnished the fringe benefits as are determined. Such conforming process shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees. The conformed classification, wage rate, and/or fringe benefits shall be retroactive to the commencement date of the contract. {See Section 4.6 (C)(vi)} When multiple wage determinations are included in a contract, a separate SF 1444 should be prepared for each wage determination to which a class(es) is to be conformed.

The process for preparing a conformance request is as follows:

- 1) When preparing the bid, the contractor identifies the need for a conformed occupation(s) and computes a proposed rate(s).
- 2) After contract award, the contractor prepares a written report listing in order proposed classification title(s), a Federal grade equivalency (FGE) for each proposed classification(s), job description(s), and rationale for proposed wage rate(s), including information regarding the agreement or disagreement of the authorized representative of the employees involved, or where there is no authorized representative, the employees themselves. This report should be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work.
- 3) The contracting officer reviews the proposed action and promptly submits a report of the action, together with the agency's recommendations and pertinent information including the position of the contractor and the employees, to the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, for review. (See section 4.6(b)(2) of Regulations 29 CFR Part 4).
- 4) Within 30 days of receipt, the Wage and Hour Division approves, modifies, or disapproves the action via transmittal to the agency contracting officer, or notifies the contracting officer that additional time will be required to process the request.
- 5) The contracting officer transmits the Wage and Hour decision to the contractor.
- 6) The contractor informs the affected employees.

Information required by the Regulations must be submitted on SF 1444 or bond paper.

When preparing a conformance request, the "Service Contract Act Directory of Occupations" (the Directory) should be used to

compare job definitions to insure that duties requested are not performed by a classification already listed in the wage determination. Remember, it is not the job title, but the required tasks that determine whether a class is included in an established wage determination. Conformances may not be used to artificially split, combine, or subdivide classifications listed in the wage determination.

APPENDIX G

PACIFIC NORTHWEST REGION

FIRE PROTECTION AND SUPPRESSION

1. Fire Period and Closed Season

Specific fire prevention measures are listed below and shall be effective for the period April 1 to October 31 of each year. The Forest Service may change the dates of said period by advance written notice if justified by unusual weather or other conditions. Required tools and equipment shall be kept currently in serviceable *condition and* immediately available for initial attack on fires.

2. Fire Plan

Before starting any operations on the project, the Contractor, Permittee, Licensee, or Purchaser, hereinafter referred to as the "Contractor," shall prepare a fire plan in cooperation with the Contracting officer providing for the prevention and control of fires in the project area.

The Contractor shall certify compliance with fire protection and suppression requirements before beginning operations during the fire period and closed season, and shall update such certification when operations change.

3. Substitute Measures

The Contracting officer may by written notice authorize substitute measures or equipment or may waive specific requirements during periods of low fire danger.

4. Emergency Measures

The Forest Service may require emergency measures, including the necessary shutting down of equipment or portions of operations in the project area during periods of fire emergency created by hazardous climatic conditions.

5. Fire Control

The Contractor shall, independently and in cooperation with the Forest Service, take all reasonable action to prevent and suppress fires in the project area. Independent initial action shall be prompt and shall include the use of all personnel and equipment available in the project area.

For the purpose of fighting forest fires on or in the vicinity of the project which are not caused by the Contractor's operations, the Contractor shall place employees and equipment temporarily at the disposal of the Forest Service. Any individual hired by the Forest Service will be employed in accordance with the Interagency Pay Plan for Emergency Firefighters. The Forest Service will compensate the Contractor for equipment rented at fire fighting equipment rates common in the area, or at prior agreed to rates.

6. Compliance with State Forest Laws

Listing of specific fire precautionary measures herein is not intended to relieve the Contractor in any way from compliance with the State Fire Laws covering fire prevention and suppression equipment, applicable to operations under this contract, permit or license.

7. Fire Precautions

Specific fire precautionary measures are as follows:

a. Smoking and Open Fires

Smoking and fires shall be permitted only at the option of the Contractor. The Contractor shall not allow open fires on the project area without advance permission in writing from Forest Service.

Unless restricted by State Law or Federal Regulation, smoking shall be permitted only in such portions of the project area that are free of flammable material. Smokers shall sit down to smoke in such a position that any burning material will fall within a cleared area, and shall extinguish and press out in mineral soil all burning material before leaving the cleared area.

b. Fire Extinguishers and Equipment on Trucks, Tractors, etc.

All power-driven equipment operated by the Contractor on National Forest land, except portable fire pumps, shall be equipped with one fire extinguisher having a UL rating of at least 5 BC, and one "D" handled or long handled round point shovel, size "O" or larger. In addition, each motor patrol, truck and passenger-carrying vehicle shall be equipped with a double-bit axe or Pulaski, 3-1/2 pounds or larger.

Equipment shall be kept in a serviceable condition and shall be readily available.

c. Power Saws

Each gasoline power saw operator shall be equipped with a pressurized chemical fire extinguisher of not less than 8-ounce capacity by weight, and one long-handled round point shovel, size "o" or larger. The extinguisher shall be kept in possession of the saw operator at all times. The shovel shall be accessible to the operator within 1 minute.

d. Extinguishers

One refill for each type or one extra extinguisher sufficient to replace each size extinguisher required on equipment shall be safely stored in the fire tool box or other agreed upon place on the project area that is protected and readily available.

e. Spark Arresters and Mufflers

Each internal combustion engine shall be equipped with a spark arrester meeting either (1) USDA Forest Service Standard 5100-1a, or (2) appropriate Society of Automotive Engineers (SAE) recommended practice J335(b) and J350(a) as now or hereafter amended unless it is:

- (1) Equipped with a turbine-driven exhaust supercharger such as the turbocharger. There shall be no exhaust bypass.
- (2) A passenger-carrying vehicle or light truck, or medium truck up to 40,000 GVW, used on roads and equipped with a factory-designed muffler complete with baffles and an exhaust system in good working condition.

- (3) A heavy duty truck, such as a dump or log truck, or other vehicle used for commercial hauling, used only on roads and equipped with a factory designed muffler and with a vertical stack exhaust system extending above the cab.

Exhaust equipment described in this subsection, including spark arresters and mufflers, shall be properly installed and constantly maintained in serviceable condition.

f. Emergency Fire Precautions

The Contractor shall restrict operations in accordance with the Industrial Fire Precaution Levels listed below. The Forest Service may change the Industrial Fire Precaution Levels to other values upon revision of the National Fire Danger Rating System and may change the specific Industrial Fire Precaution Levels when such changes are necessary for the protection of the National Forest. When Bent to the Contractor, the revised Industrial Fire Precaution Levels will supersede the attached levels.

INDUSTRIAL FIRE PRECAUTIONS SCHEDULE

LEVEL

INDUSTRIAL FIRE PRECAUTION (IFPL)

- I. Closed season - Fire precaution requirements are in effect. A fire watch/security is required at this and all higher levels unless otherwise waived.
- II. Partial hootowl - The following may operate only between the hours of 8 p.m. and 1 p.m., local time:
 - a. power saws, except at loading sites;
 - b. cable yarding;
 - c. blasting;
 - d. welding or cutting of metal.

- III. Partial shutdown - The following shall be prohibited except as indicated:

Cable yarding - except that gravity operated logging systems employing non-motorized carriages may be operated between the hours of 8 p.m. and 1 p.m., local time, when all block and moving lines, except the line between the carriage and the chokers, are suspended 10 feet above the ground;

Power saws - except power saws may be used at loading sites and on tractor/skidder operations between the hours of 8 p.m. and 1 p.m., local time.

In addition, the following are permitted between the hours of 8 p.m. and 1 p.m., local time:

- a. tractor/skidder operations;
- b. mechanized loading and hauling of any product or material;

- c. blasting;
- d. welding or cutting of metal;
- e. any other spark-emitting operation not specifically mentioned.

IV. General shutdown - All operations are prohibited.

The following definitions shall apply to these Industrial Fire Precaution Levels:

Cable yarding systems: A yarding system employing cables and winches in a fixed position.

Closed season (Fire Precautionary Period): That season of the year when a fire hazard exists as declared by the responsible agency official.

Contracting officer: The person executing the contract, permit or license on behalf of the Government and includes that person's designated representative, acting within the limits of their authority or the duly appointed successor to the individuals.

Loading sites/woods site/project area: A place where any product or material (including but not limited to logs, firewood, slash, soil, rock, poles, posts, etc.) is placed in or upon a truck or other vehicle.

Low hazard area: Means any area where the responsible agency representative (WDNR, ORF, BIA, BLM) determines the combination of elements reduces the probability of fire starting and/or spreading.

Tractor/skidder operations: include a harvesting operation, or portion of a harvesting operation, where tractors, skidders, or other harvesting equipment capable of constructing fireline, are actively yarding forest products and can quickly reach and effectively attack a fire start.

Waivers, written in advance, may be used for any and all activities. Activities for which waivers may be issued include, but are not limited to:

- a. mechanized loading and hauling;
- b. road maintenance such as sprinkling, graveling, grading and paving;
- c. cable yarding using gravity systems or suspended lines and blocks, or other yarding systems where extra prevention measures will significantly reduce the risk of fire;
- d. powers saws at loading sites or in felling and bucking where extra prevention measures will significantly reduce the risk of fire;
- e. maintenance of equipment (other than metal cutting and welding) or improvements such as structures, fences and powerlines.

Such waiver, or substitute precautions will prescribe measures to be taken by the Contractor to reduce the risk of ignition, and/or the spread of fire. The Contracting officer shall consider site specific weather factors, fuel conditions, and specific operations that result in less risk of fire ignition and/or spread than contemplated when precaution level was predicted. Consideration shall also be given to measures that reduce the precaution levels above. The Contractor shall assure that all conditions of such waivers or substitute precautions are met.

The Contractor shall obtain the predicted Industrial Fire Precaution Level daily, prior to the start of work, from the appropriate Ranger District headquarters. If predictions made after 6:00 p.m., local time, are significantly different than the original prediction, the Forest Service will inform the Contractor when changes in restrictions or industrial precautions are made.

NOTE:The IFPL system does not apply on lands protected by ODF east of the summit of the Cascades.

Where hauling involves transit through more than one shutdown/regulated use area, the precaution level at the woods loading site shall govern the level of haul restriction, unless otherwise prohibited by other than industrial precaution level system.

8. Fire Tools

The Contractor shall furnish serviceable fire fighting tools in a readily accessible fire tool box or compartment of sound construction with a hinged lid and hasp so arranged that the box can be secured or sealed. The box shall be red and marked "Fire Tools" in letters one inch high. It shall contain a minimum of:

- a. 2 axes or Pulaskis with a 32-inch handle;
- b. 3 adze eye hoes. one Pulaski may be substituted for 1 adze eye hoe;
- c. 3 long-handled, round point shovels, size "o" or larger.

9. Fire Security

When the Industrial Fire Precautions Level is "I" or higher, unless a waiver is granted, the Contractor shall designate a person who shall perform fire security services listed below on the project area and vicinity. The designated person shall be capable of operating the Contractor's communications and fire fighting equipment specified in the contract, excluding helicopters, and of directing the activities of the Contractor's personnel on forest fires. In lieu of having the designated person perform the required supervisory duties, the Contractor may provide another person meeting the qualifications stated above to direct the activities of Contractor's personnel and equipment during all fire fighting activities.

Services described shall be for at least 1 hour from the time the Contractor's operations are shut down. For the purposes of this provision, personnel servicing equipment, and their vehicles, who are not engaged in cutting or welding metal are excluded.

Fire security services shall consist of moving throughout the operation area or areas constantly looking, reporting, and taking suppression action on any fires detected. Where possible, the designated person shall observe inaccessible portions of helicopter operating areas from vantage points within or adjacent to project area.

10. Blasting

Whenever the Industrial Fire Precaution Level is "II" or greater, a fire security person equipped with a long-handled, round point, No. "0" or larger, shovel, and a five-gallon backpack pump can filled with water will stay at location of blast for I hour after blasting is done. Blasting may be suspended by Forest service in writing, in an area of high rate of spread and resistance to control.

Fuses shall not be used for blasting. Explosive cords shall not be used without written permission of Forest Service, which may specify conditions under which such explosives may be Used and precautions to be taken.

Additional Fire Precautionary Measure 1 – Tank Truck

11. Contractor shall provide a tank truck or trailer, containing not less than 300 gallons of water, during yarding, loading, land clearing, right-of-way clearing and mechanical treatment of slash. A tank truck or trailer will not be required if powersaw falling and bucking is the only operation. Such tank truck or trailer shall be maintained in a serviceable condition and located within 10 minutes, round trip, from each project area during fire period and closed season.

The tank truck or trailer shall be equipped with a pump capable of discharging 20 gallons of water per minute, using a ¼ inch nozzle tip, through a 50 foot length of rubber lined hose. In addition, 500 feet of serviceable fabric jacket rubber lined hose of not less than 1 inch outside diameter, fitted with a nozzle capable of discharging a straight stream of ¼ inch diameter and a spray pattern shall be immediately available for use. The tank, pump and at least 250 feet of hose and nozzle shall be connected and ready for use at all times.

If a trailer is used, it shall be equipped with a hitch to facilitate prompt movement. A serviceable tow vehicle shall be immediately available for attachment to the trailer and must meet the time requirements stated above. Such truck or trailer shall be equipped to operate for a minimum of 8 hours. Tank truck or trailer shall be available from the start of work to the end of the Fire Watch/Fire Security service.

Additional Fire Precautionary Measure 2 - Communications

12. The Contractor shall provide adequate two-way communication facilities to report a fire to Forest Service within 15 minutes of detection. FCC Regulations prohibit commercial use of Citizen Band (CB) radios. (CB's are not considered adequate two-way communications).

Such communications shall be operable during periods of operation of power-driven equipment, including the time fire security is required.

Fire Plan

(For use with Forms R6-6300-50,
R6-FS-6300-51, and R6-FS-6300-52)

Contractor

Contract Number

Project Name

Contract Performance Period

Contractor's Representative for Fire Matters

Name	Title	Office Phone	Home Phone
_____	_____	_____	_____

Contracting Officer's Representative

Name	Office	Office Phone	Home Phone
_____	_____	_____	_____

Forest Service Inspector(s)

Name	Office	Office Phone	Home Phone
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Action by Contractor

The Contractor shall take on reasonable and practical action to prevent and suppress fires in the project area. The Contractor shall take suppression action immediately upon discovery of, or becoming aware of, such fire.

Action by Forest Service

The Forest Service may counsel with the Contractor on suppression action and will, when necessary, supplement the Contractor's efforts by furnishing personnel and equipment not available to the Contractor. In the event that a fire is not suppressed by the Contractor, and will require appreciable reinforcements, the Forest Service may take over suppression of the fire and may employ the Contractor's personnel and equipment.

Fire Prevention and Suppression

Predicted fire precautions class may be obtained from the following sources:

1-800-527-3305 or from the Washington State DNR website: www.wa.gov/dnr/htdocs/rp/ifpltoday.html. (Updated daily at approximately 4:30 p.m.) Call the local Forest Service office (Cowlitz Valley Ranger Station: 360-497-1100; Mt. Adams Ranger Station: 509-395-3400 and Mount St. Helens NVM: 360-449-7800) and dial extension: 891-5144.

IFPL boards are located at Cowlitz Valley Ranger Station in Randle; Packwood Work Center in Packwood; Mt. Adams Ranger Station in Trout Lake; at the north end of the High Bridge on the Wind River Highway, north of Carson; adjacent to the Chelatchie Prairie General Store across 503 Highway from the Mount St. Helens NVM Headquarters; at the junction of Forest Service road 81 and the 503 spur west of Cougar; and at Pine Creek Work Center at the east end of Swift Reservoir on Forest Service road 90.

The Contractor has employed or designated the following named individual(s) as fireguard, whose duty is the detection and suppression of fires:

Name	Office Phone	Home Phone
_____	_____	_____
_____	_____	_____

Contractor will, will not, permit employees to smoke while in the project area.
Open fires will, will not, be permitted by the Contractor. Although these activities may be permitted by the Contractor, it is understood that neither shall be allowed without being authorized, in writing, by the Contracting Officer's Representative.

Reporting Fires

During business hours fires shall be reported to the local Forest Service office, numbers listed above.

After hours and on Forest Service land call: **1-360-896-3473.**

If after hours and on State lands call: **1-800-527-3305**

Special Fire Qualifications of Contractor's Employees

<u>Name</u>	<u>Best Fire Assignment</u>	<u>Other Qualifications</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Total number of employees who could perform firefighting duties: _____

<u>Vehicle Description, Type, Make, Model, Size, Year</u>	<u>Number of Units</u>	<u>Location</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Joint Preparation of this fire plan is acknowledged:

Contractor or Designated Representative

Contracting Officer's Representative

Date

Date

PAST AND CURRENT CONTRACT INFORMATION

(For the past two years)

OFFEROR'S NAME

(Use this and additional sheets as necessary to provide two (2) years worth of experience in same or similar work)

CUSTOMER NAME	CONTRACT NO.	BRIEF DESCRIPTION	PRIMARY CONTACT INFORMATION
			NAME:
CUSTOMER ADDRESS			VOICE PHONE #:
			FAX PHONE #:
	CONTRACT VALUE	COMPLETION DATE OR % COMPLETE IF ONGOING	SECONDARY CONTACT INFO.
			NAME:
			VOICE PHONE #:
			FAX PHONE #:

CUSTOMER NAME	CONTRACT NO.	BRIEF DESCRIPTION	PRIMARY CONTACT INFORMATION
			NAME:
CUSTOMER ADDRESS			VOICE PHONE #:
			FAX PHONE #:
	CONTRACT VALUE	COMPLETION DATE OR % COMPLETE IF ONGOING	SECONDARY CONTACT INFO.
			NAME:
			VOICE PHONE #:
			FAX PHONE #:

PAST AND CURRENT CONTRACT INFORMATION

(For the past two years)

OFFEROR'S NAME

(Use this and additional sheets as necessary to provide two (2) years worth of experience in same or similar work)

CUSTOMER NAME	CONTRACT NO.	BRIEF DESCRIPTION	PRIMARY CONTACT INFORMATION
			NAME:
CUSTOMER ADDRESS			VOICE PHONE #:
			FAX PHONE #:
	CONTRACT VALUE	COMPLETION DATE OR % COMPLETE IF ONGOING	SECONDARY CONTACT INFO.
			NAME:
			VOICE PHONE #:
			FAX PHONE #:

CUSTOMER NAME	CONTRACT NO.	BRIEF DESCRIPTION	PRIMARY CONTACT INFORMATION
			NAME:
CUSTOMER ADDRESS			VOICE PHONE #:
			FAX PHONE #:
	CONTRACT VALUE	COMPLETION DATE OR % COMPLETE IF ONGOING	SECONDARY CONTACT INFO.
			NAME:
			VOICE PHONE #:
			FAX PHONE #: