

SOLICITATION, OFFER, AND AWARD <i>(Construction, Alteration, or Repair)</i>	1. SOLICITATION NO. AG-05K3-S-14-0076	2. TYPE OF SOLICITATION <input type="checkbox"/> SEALED BID (IFB) <input type="checkbox"/> NEGOTIATED (RFP)	3. DATE ISSUED 09/11/2014	PAGE OF PAGES 1 41	
	IMPORTANT -- The "offer" section on the reverse must be fully completed by offeror.				

4. CONTRACT NO.	5. REQUISITION/PURCHASE REQUEST NO. 708325	6. PROJECT NO.
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7. ISSUED BY GIFFORD PINCHOT NATIONAL FOREST 10600 NE 51ST CIRCLE VANCOUVER WA 98682	CODE 05K3	8. ADDRESS OFFER TO GIFFORD PINCHOT NATIONAL FOREST 10600 NE 51ST Circle Vancouver, WA 98682
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9. FOR INFORMATION CALL: 	a. NAME STEVONNE FULLER	b. TELEPHONE NO. (Include area code) (NO COLLECT CALLS) 360-891-5085
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SOLICITATION

NOTE: In sealed bid solicitations "offer" and "offeror" mean "bid" and "bidder."

10. THE GOVERNMENT REQUIRES PERFORMANCE OF THE WORK DESCRIBED IN THESE DOCUMENTS (Title, identifying no., date)

All work listed in Schedule of Items and described in Section C.

11. The Contractor shall begin performance _____ 5 _____ calendar days and complete it within _____ 30 _____ calendar days after receiving <input type="checkbox"/> award, <input checked="" type="checkbox"/> notice to proceed. The performance period is <input checked="" type="checkbox"/> mandatory <input type="checkbox"/> negotiable. (See _____.)
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12a. THE CONTRACTOR MUST FURNISH ANY REQUIRED PERFORMANCE AND PAYMENT BONDS? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <i>(If "YES", indicate within how many calendar days after award in Item 12b.)</i>	12b. CALENDAR DAYS
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13. ADDITIONAL SOLICITATION REQUIREMENTS:

a. Sealed offers in original and 1 copies to perform the work required are due at the place specified in Item 8 by 09/22/2014 (date). If this is a sealed bid solicitation, offers will be publicly opened at that time. Sealed envelopes containing offers shall be marked to show the offeror's name and address, the solicitation number, and the date and time offers are due. _____ 1500 (hour) local time

b. An offer guarantee is, is not required.

c. All offers are subject to the (1) work requirements, and (2) other provisions and clauses incorporated in the solicitation in full text or by reference.

d. Offers providing less than _____ calendar days for Government acceptance after the date offers are due will not be considered and will be rejected .

OFFER (Must be fully completed by offeror)

14. NAME AND ADDRESS OF OFFEROR (Include ZIP Code)	15. TELEPHONE NO. (Include area code)
	16. REMITTANCE ADDRESS (Include only if different than item 14.)
CODE _____ FACILITY CODE _____	

17. The offeror agrees to perform the work required at the prices specified below in strict accordance with the terms of this solicitation, if this offer is accepted by the Government in writing within _____ calendar days after the date offers are due. (Insert any number equal to or greater than the minimum requirement stated in item 13d. Failure to insert any number means the offeror accepts the minimum in item 13d.)

AMOUNTS

18. The offeror agrees to furnish any required performance and payment bonds.

19. ACKNOWLEDGEMENT OF AMENDMENTS

(The offeror acknowledges receipt of amendments to the solicitation -- give number and date of each)

AMENDMENT NO.										
DATE.										

20a. NAME AND TITLE OF PERSON AUTHORIZED TO SIGN OFFER (Type or print)	20b. SIGNATURE	20c. OFFER DATE
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AWARD (To be completed by Government)

21. ITEMS ACCEPTED:

Continued...

22. AMOUNT	23. ACCOUNTING AND APPROPRIATION DATA		
24. SUBMIT INVOICES TO ADDRESS SHOWN IN (4 copies unless otherwise specified)		ITEM	25. OTHER THAN FULL AND OPEN COMPETITION PURSUANT TO <input type="checkbox"/> 10 U.S.C. 2304(c) () <input type="checkbox"/> 41 U.S.C. 253(c) ()
26. ADMINISTERED BY CODE <u>05K3</u> GIFFORD PINCHOT NATIONAL FOREST 10600 NE 51ST CIRCLE VANCOUVER WA 98682	27. PAYMENT WILL BE MADE BY		

CONTRACTING OFFICER WILL COMPLETE ITEM 28 OR 29 AS APPLICABLE

<input type="checkbox"/> 28. NEGOTIATED AGREEMENT (Contractor is required to sign this document and return <u>1</u> copies to issuing office.) Contractor agrees to furnish and deliver all items or perform all work requirements identified on this form and any continuation sheets for the consideration stated in this contract. The rights and obligations of the parties to this contract shall be governed by (a) this contract award, (b) the solicitation, and (c) the clauses, representations,	<input type="checkbox"/> 29. AWARD (Contractor is not required to sign this document.) Your offer on this solicitation is hereby accepted as to the items listed. This award consummates the contract, which consists of (a) the Government solicitation and your offer, and (b) this contract award. No further contractual document is necessary.
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30a. NAME AND TITLE OF CONTRACTOR OR PERSON AUTHORIZED TO SIGN (Type or print)	31a. NAME OF CONTRACTING OFFICER (Type or print) STEVONNE FULLER		
30b. SIGNATURE	30c. DATE	31b. UNITED STATES OF AMERICA	31c. DATE
		BY	

PART I – THE SCHEDULE

A.1 FOR INFORMATION CALL:

<u>Robert Jeter</u>	<u>360-497-1152</u>
COR	Telephone No.
<u>Sarah Rockey</u>	<u>360-497-1113</u>
Technical Contact	Telephone No.

A.2 THE GOVERNMENT REQUIRES PERFORMANCE OF THE WORK DESCRIBED IN THESE DOCUMENTS

Project Name: CVRD Septic Repairs
Gifford Pinchot National Forest
Cowlitz Valley Ranger District
Lewis County, Washington

Price Range: Less than \$25,000.

PART I - SCHEDULE OF ITEMS**SECTION B – SUPPLIES, SERVICES AND PRICES**Page 1 of 2

CVRD Septic Repairs

Gifford Pinchot National Forest

Cowlitz Valley Ranger District, Lewis County, Washington

The Offeror must bid on all items.**Base Item No. 1**

ITEM NO.	Description	Estimated Quantity	Unit	Unit Price	TOTAL PRICE
1.	02544 - SEPTIC TANK DEMOLITION Septic Tank Pumping (3.03)	1200	GAL	\$ _____	\$ _____
2.	01200 - MOBILIZATION	250	MI	\$ _____	\$ _____

Option Item No. 1

ITEM NO.	Description	Estimated Quantity	Unit	Unit Price	TOTAL PRICE
1.	CLEAN SEWER LINES Cleaning of sewer lines using hydraulic jet equipment	100	LF	\$ _____	\$ _____

Option Item No. 2

ITEM NO.	Description	Estimated Quantity	Unit	Unit Price	TOTAL PRICE
1.	02530 - SANITARY SEWERAGE Repair/replace damaged/unusable sewer lines	100	LF	\$ _____	\$ _____

Option Item No. 3

ITEM NO.	Description	Estimated Quantity	Unit	Unit Price	TOTAL PRICE
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			\$ _____	\$ _____
1.	02547 – SUBSURFACE DISPOSAL SYSTEMS	100	LF	-
	Drainfield Repair			-

Option Item No. 4

ITE M NO.	Description	Estimated Unit Quantity	Unit Price	TOTAL PRICE
1.	02543 - SEPTIC TANKS	1200	GAL	-
	Replacement of septic tanks			-
<u>TOTAL PRICE ALL ITEMS</u>				\$ _____

UNIT MEASUREMENTS: LS = Lump Sum, LF = Linear Foot, SF = Square Foot

Work incidental to all Items.

02230 - CLEARING AND GRUBBING

02310 – GRADING

02317 – EXCAVATION AND BACKFILL FOR STRUCTURES

02318 – EXCAVATION AND BACKFILL FOR UTILITIES

NOTES:

1. Quoter must quote on all items. If Quoter does not intend to charge for a quote Item, a price of "0.00" 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.

2. The Government may elect to order any actual quantity specified above or to exclude items from award entirely. The quantity ordered will be dependent upon unit prices received, funding available at the time of award, and what is needed on the ground. In the event funding is not available at the time of award, the solicitation will be cancelled and no award will be made.

SECTION C – DESCRIPTION/SPECIFICATIONS/STATEMENT OF WORK

CVRD SEPTIC REPAIRS - Tasks and Requirements

The contractor shall complete services in accordance with the requirements specified herein. The operations to be performed shall include:

C.1 DESCRIPTION OF WORK

Septic System Maintenance and Repairs

Base Item No. 1 consists of performing the following task:

- Pumping of the following septic tanks.
 - Skate Creek Barn located at 360 Cannon Road, Packwood, WA.
Estimated capacity of 1200 gallons

The Cowlitz Valley Ranger District recently awarded a contract for the purpose of investigating the condition of multiple septic systems across the district (see attached drawings for locations). The following tasks will be ordered based on the results of those investigations and the availability of funding.

Option Item No. 1 consists of performing the following task:

- Cleaning of sewer lines using hydraulic jetting tool.

Option Item No. 2 consists of performing the following task:

- Replacement of sewer lines with new materials.

Option Item No. 3 consists of performing the following task:

- Replacement of damaged drain field components.

Option Item No. 4 consists of performing the following task:

- Removal and replacement of septic tanks and associated components.

Contractor must comply with all applicable local, state and federal regulations. Contractor must have all applicable licenses and certifications for the work in which the contractor is engaged.

C.2 PROJECT LOCATION

The projects are located on the Cowlitz Valley Ranger District of the Gifford Pinchot National Forest. The District office is located at 10024 US Hwy. 12, Randle, WA, 98377 on the Cowlitz Valley Ranger District Township 12 North, Range 7 East, Section 9, W.M., near Randle, Washington.

The following directions are from the intersection of US Highway 12 and Interstate 5.

The project locations are as follows:

1. **SKATE CK BARN:** Travel east approx. 64.1 miles on US Highway 12 from I-5 to the town of Packwood, WA. Turn left on Skate Creek Road and travel approx. 0.8 miles. Turn right on Cannon Road and travel approximately 1.3 miles. Barn is on right. 360 Cannon Road.
2. **BIG CK CAMPGROUND GUARD STATION:** Travel approximately 30.6 miles east on highway 12 from I-5 to the town of Morton, Wa. Turn left to state highway 7 and travel approximately 16.4 miles. Turn right on WA 706 and travel approx. 10.1 miles. Turn right onto Kernahan Road (Skate Crk Rd) and travel approx 1.9 miles. Big Creek Campground is on the right. Guard Station is straight ahead when entering campground.
3. **LA WIS WIS CAMPGROUND GUARD STATION:** Travel approximately 70.7 miles east on highway 12 from I-5. Turn left onto FR 1277 at the La Wis Wis Campground sign. Follow FR 1277 for approx. 0.9 miles. Guard Station is on the left at bottom of hill.
4. **LA WIS WIS CAMPGROUND FLUSH TOILET (NEW):** Travel as for La Wis Wis Campground Guard Station. At bottom of hill turn left toward "loop A." Flush toilet is on right.
5. **LA WIS WIS CAMPGROUND FLUSH TOILET (OLD):** Travel as for La Wis Wis Campground Guard Station. At bottom of hill before the Guard Station, turn left toward fish hatchery site. Travel approx. 300 feet. Old toilet facility is on the left.
6. **PACKWOOD LAKE GUARD STATION:** Travel east approx. 64.1 miles on US Highway 12 from I-5 to the town of Packwood, Wa. Turn right onto Snyder Road (FR 1260). Travel approx. 5.7 miles to parking lot at end of road. Access to the Packwood Lake site from this point will be via four-wheeler or motorcycle. There is an access road that begins just before the parking lot on the downhill side. Follow this trail approx. 3.1 miles. Guard Station is on right.
7. **NORTH FORK CAMPGROUND GUARD STATION:** Travel approximately 47.8 miles east on highway 12 from I-5 to the town of Randle, Wa. Turn right to WA 131 (FR 23) and travel approx. 11.9 miles. North Fork Campground is on left. Enter campground and continue to the far end. Guard Station is down service road at the north end of the campground.

Detailed location information may be obtained at the Cowlitz Valley Ranger District office, 360-497-1152.

(a) Existing Conditions:

The indications of existing conditions on the drawings and specifications are the result of on-site facilities inspections and the best information available at the time.

(b) Weather Conditions:

Weather conditions suitable for the contract tasks are normally expected in July through October. Rain, sometimes heavy, is normal.

(c) Pre-bid Conference: None scheduled.

C.3 PROSECUTION OF WORK

(a) General:

The contractor shall conduct activities so that interference with the public and employees is kept to a minimum and existing level of safety is maintained.

C.4 AVAILABILITY OF SPECIFICATIONS OR PRODUCT DESCRIPTIONS NOT LISTED IN THE GSA INDEX OF FEDERAL SPECIFICATIONS AND STANDARDS (FAR 52.210-3) (APR 1984)

Specifications or product descriptions cited herein, but not attached to this solicitation nor listed in the General Services Administration Index of Federal Specifications and Standards (GSAIFSS), may be obtained from:

ASTM Standards American Society for Testing and Materials
100 Bar Harbor Drive
West Conshohocken, PA 19428
(610) 832-9585
<http://www.astm.org>

C.5 APPLICABLE SPECIFICATIONS AND MATERIAL CERTIFICATIONS

(a) Applicable Specifications:

References to **Standard Specifications** in the contract refer to the Construction Specifications Institute, Inc. standard specifications for construction and are physically included in Section J of the Contract under the title "LIST OF ATTACHMENTS."

(b) Product Substitution:

- a. Any modification of other items, designs, materials, products or equipment (including Government-Furnished Property), made necessary because of a substitution, will be the responsibility of the Contractor without adjustment in contract price or time. The Contracting Officer's approval of any substitute will not affect the Contractor's responsibility for such modification. Any and all substitutions will be requested by the Contractor after award of the contract has been made. No approvals will be made prior to award.

(c) Shop Drawings:

None required

(d) Submittals:

Submittals are required by the following specifications:

Brief Title	Basic Reference Specification	Detailed Regulations Specification	Copies To Submit	Time For Government Approval After Total Submittal
Excavation	02318	1.03	1	7 days
Pipe	02530	1.03	1	7 days
Septic Tanks	02543	1.04	1	7 days

Work requiring submittals shall not begin until submittals have been approved.

Submittals shall include:

Date and Revision Dates.

Project Name and Contract Number.

Names of Contractor, Subcontractor, Supplier, and Manufacturers.

Field Dimensions and Relation to Adjacent Structures.

Contractor's stamp, initialed or signed, certifying review of submittal, verification of field measurement and compliance with contract documents.

Samples:

Physical examples shall illustrate materials, equipment, or workmanship, and establish standards by which completed work shall be judged. Samples shall be of sufficient size and quantity to illustrate the functional characteristics of product or material, with integrally related parts and devices.

Manufacturer's requirements:

Supply manufacturer's catalog sheets or brochures with diagrams, schedules, or performance charts. Illustrations shall be clearly marked to identify pertinent materials or models, dimensions, and clearances required. Supplement standard drawings to provide information unique to this project.

Approval or Rejection Time Allowance:

Submittals will be reviewed and either approved or rejected within 7 calendar days of receipt by the Contracting Officer or COR.

SECTION D – PACKAGING AND MARKING

(For this Solicitation, there are NO clauses in this Section)

SECTION E – INSPECTION AND ACCEPTANCE

E.1 CLAUSES INCORPORATED BY REFERENCE (FAR 52.252-2) (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

- 52.246-1 Contractor Inspection Requirements (APR 1984)
- 52.246-12 Inspection of Construction (AUG 1996)

SECTION F - DELIVERIES AND PERFORMANCE

F.1 CLAUSES INCORPORATED BY REFERENCE (FAR 52.252-2)(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

52.242-14 Suspension of Work (APR 1984)

F.2 FAR 52.211-10 Commencement, Prosecution, and Completion of Work (APR 1984)

The Contractor shall be required to (a) Commence work under this contract within 10 calendar days after the date the Contractor receives the notice to proceed, (b) Prosecute the work diligently, and (c) Complete the entire work ready for use not later than **30** days after the date the Contractor receives the Notice to Proceed. The time stated for completion shall include final cleanup of the premises.

Estimated start work date: October 1, 2014

F.3 MAXIMUM WORKWEEK – CONSTRUCTION SCHEDULE (AGAR 452.236-75)(NOV 1996)

Within 7 calendar days after receipt of a written request from the Contracting Officer, the Contractor must submit the following information in writing for approval:

(a) A schedule as required by FAR clause 52.236-15, Schedules for Construction Contracts, and

(b) The hours (including the daily starting and stopping times) and days of the week the Contractor proposed to carry out the work.

The maximum workweek that will be approved is Monday through Friday, 8:00 a.m. to 5:00 p.m.

SECTION G – CONTRACT ADMINISTRATION DATA

G.1 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:

- Weed free seed

G.2 DESIGNATION OF CONTRACTING OFFICER'S REPRESENTATIVE

The Contracting Officer will designate a Contracting Officer's Representative (COR) at the time of contract award.

The COR is responsible for administering the performance of work under this contract. In no event, however, will any understanding, agreement, modification, change order, or other matter deviating from the terms of this contract be effective or binding upon the Government unless formalized by proper contractual documents executed by the Contracting Officer prior to completion of the contract.

The Contracting Officer should be informed as soon as possible of any actions or inactions by the Contractor or the Government which will change the required delivery or completion times stated in the contract, and the contract will be modified accordingly. (This does not apply to individual task assignments which were issued by the COR provided they do not affect the delivery schedule or performance period stated in the contract).

On all matters that pertain to the contract terms the Contractor must communicate with the Contracting Officer. Whenever, in the opinion of the Contractor, the COR requests effort outside the scope of the contract, the Contractor should so advise the COR. If the COR persists and there still exists a disagreement as to proper contractual coverage, the Contracting Officer should be notified immediately, preferably in writing if time permits. Proceeding with work without proper contractual coverage could result in nonpayment or necessitate submittal of a contract claim.

SECTION H – SPECIAL CONTRACT REQUIREMENTS

H.1 EMERGENCY CONTROL (USDA 452.236-77) (JUL 1985)

- (a) Maintenance of Existing Facilities:
1. The Contractor shall conduct operations to minimize disruptions to campground users.
 2. The Contractor shall request permission in writing to the COR for any planned closure of structures. Such requests shall be submitted at least seven days prior to the planned closure.

H.2 LANDSCAPE PRESERVATION

(a) The Contractor shall not remove, deface, injure, or destroy trees, shrubs, lawn, or natural features not designated for treatment. The Contractor shall confine operations to within the clearing limits or other areas designated by the COR, and prevent the depositing of rocks, excavated materials, stumps, or other debris outside of these limits. Material which falls outside of these limits shall be retrieved, disposed of, or incorporated in the work as directed by the Contracting Officer.

(b) Prevention of Oil Spills. If the Contractor maintains storage facilities for oil or oil products on site, appropriate preventive measures shall be taken to insure that any spill of such oil or oil products does not enter any stream or other waters of the United States or any of the individual states. If a spill of petroleum product should occur in water, the Contractor shall immediately notify the CO/COR.

Servicing of all equipment shall be done only in the areas approved by the Contracting Officer. If the total oil or oil products storage exceeds 1320 gallons or if any single container exceeds a capacity of 660 gallons, the Contractor shall prepare a Spill Prevention Control and Countermeasures (SPCC) Plan. Such plan shall meet applicable EPA requirements (40 CFR 112) including certification by a registered professional engineer.

The Contractor will be required to make reasonable attempts to preserve the scenic and natural environment along this construction project.

(c) No objectionable material shall be allowed to enter any stream, river, lake, or other body of water. Material which falls in these areas shall be retrieved and disposed of, or incorporated in

the work as directed by the Contracting Officer, and damage to vegetation or structures outside the project limits shall be repaired as directed by the Contracting Officer.

(d) The Contractor shall not operate equipment or otherwise disturb the natural vegetation and soil beyond the areas specified in the plans.

H.3 PLAN FOR WEATHER-CAUSED SUSPENSIONS OF WORK

The Contractor shall prepare a plan for weather-caused suspensions of work to ensure protection of structures affected by long or short term precipitation events. The plans shall be consistent with the requirements in the LANDSCAPE PRESERVATION clause contained in this contract. The plan shall be submitted in writing to the Contracting Officer for review and, if acceptable, approval no later than 14 days after contract award. If rejected by the Contracting Officer, the Contractor shall revise the plan and re-submit it for consideration within three working days of verbal or written notification by the Contracting Officer. The Contractor shall take action consistent with the plan before suspending activity on the site(s). Acceptance of the plan by the Contracting Officer in no way waives any of the requirements of the LANDSCAPE PRESERVATION clause.

H.4 USE OF PREMISES

(a) A storage site will be permitted within the project area. The Forest Service assumes no liability for materials stored within the storage site. The Contractor will be allowed to erect a temporary fence to secure materials and equipment, however, the fence shall be removed and the site restored prior to final acceptance of the contract.

(b) Potable water is available for use during construction.

(c) Sanitary facilities are available for use during construction.

H.5 SPECIAL PROJECT REQUIREMENTS

- None

H.6 PROSECUTION OF WORK

(a) The Contractor shall conduct activities so that interference with the campground users and their activities shall be kept at a minimum. The areas around structures shall be kept free of contractor's work related hazards as much as possible at all times.

(b) The Contractor shall use measures and precautions necessary to warn and protect campground users during work at the project site. Such actions include, but are not limited to, furnishing and maintaining barricades or fences and signs around the work site and roping off areas.

H.7 FINAL CLEANUP

Contractor shall remove and dispose all of its own trash and refuse from the contract area. This cleanup is a subsidiary item for which no special payment will be made. All debris shall be disposed off National Forest Land and in accordance with State and Local disposal requirements.

H.8 POTENTIAL SAFETY HAZARDS

Data and information furnished or referred to below is for the Contractor's information. The Government shall not be responsible for any interpretation of or conclusion drawn from the data or information by the Contractor. This list shall not be deemed to be all-inclusive. The Contractor shall bear the sole responsibility for taking all appropriate actions necessary to prevent accidents and injuries to individuals at the worksite.

The following checked activities have been identified by the Government as potential safety hazards.

- Confined space entry.
- Temporary excavation/deep trenching/slope stability.
- Tree falling.
- Fall hazard from work heights exceeding six feet.
- Blasting.
- Traffic control on high-volume and/or high-speed and/or limited visibility roads.
- Heavy equipment operation.
- Tree climbing and/or tower climbing.
- Fire hazards.
- Hazardous materials handling.
- Electrical hazard.
- Hydraulic and/or pneumatic and/or other high pressure hazards.
- Mechanical hazards such as pulleys, springs, etc.
- Other _____

PART II – CONTRACT CLAUSES

SECTION I – CONTRACT CLAUSES

I.1 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

- 52.204-9 Personal Identity Verification of Contractor Personnel (JAN 2011)
- 52.204-13 System for Award Management Maintenance (JUL 2013)
- 52.209-6 Protecting the Government's Interest when Subcontracting with Contractors Debarred, Suspended, or Proposed for Debarment AUG 2013)
- 52.211-18 Variation in Estimated Quantity (APR 1984)
- 52.219-6 Notice of Total Small Business Set-Aside (NOV 2011)
- 52.219-28 Post-Award Small Business Program Representation (JUL 2013)
- 52.222-3 Convict Labor (JUN 2003)
- 52.222-6 Construction Wage Rate Requirements (MAY 2014)
- 52.222-7 Withholding of Funds (MAY 2014)
- 52.222-8 Payrolls and Basic Records (MAY 2014)
- 52.222-9 Apprentices and Trainees (JUL 2005)
- 52.222-10 Compliance with Copeland Act Requirements (FEB 1988)
- 52.222-11 Subcontracts (Labor Standards) (MAY 2014)
- 52.222-12 Contract Termination - Debarment (MAY 2014)
- 52.222-13 Compliance with Construction Wage Requirements and Related Regulations (MAY 2014)
- 52.222-14 Disputes Concerning Labor Standards (FEB 1988)
- 52.222-15 Certification of Eligibility (MAY 2014)
- 52.222-21 Prohibition of Segregated Facilities (FEB 1999)
- 52.222-26 Equal Opportunity (MAR 2007)
- 52.222-27 Affirmative Action Compliance Requirements for Construction (FEB 1999)
- 52.222-36 Affirmative Action for Workers with Disabilities (OCT 2010)
- 52.222-50 Combating Trafficking in Persons (FEB 2009)
- 52.223-2 Affirmative Procurement of Biobased Products Under Service and Construction Contracts (SEPT 2013)
- 52.223-5 Pollution Prevention and Right-to-Know Information (MAY 2011)

- 52.223-6 Drug-Free Workplace (MAY 2001)
- 52.223-15 Energy Efficiency in Energy-Consuming Products (DEC 2007)
- 52.223-18 Encouraging Contractor Policies to Ban Text Messaging While Driving (AUG 2011)
- 52.224-1 Privacy Act Notification (APR 1984)
- 52.224-2 Privacy Act (APR 1984)
- 52.225-13 Restrictions on Certain Foreign Purchases (JUN 2008)
- 52.227-4 Patent Indemnity -- Construction Contracts (DEC 2007)
- 52.232-5 Payments Under Fixed-Price Construction Contracts (MAY 2014)
- 52.232-23 Assignment of Claims (MAY 2014)
- 52.232-27 Prompt Payment for Construction Contracts (MAY 2014)
- 52.232-33 Payment by Electronic Funds Transfer – System for Award Management (JUL 2013)
- 52.232-39 Unenforceability of Unauthorized Obligations (JUN 2013)
- 52.232-40 Providing Accelerated Payments to Small Business Subcontractors (DEC 2013)
- 52.233-1 Disputes (JMAY 2014)
- 52.233-3 Protest After Award (AUG 1996)
- 52.233-4 Applicable Law for Breach of Contract Claim (OCT 2004)
- 52.236-2 Differing Site Conditions (APR 1984)
- 52.236-3 Site Investigation and Conditions Affecting the Work (APR 1984)
- 52.236-5 Material and Workmanship (APR 1984)
- 52.236-6 Superintendence by the Contractor (APR 1984)
- 52.236-7 Permits and Responsibilities (NOV 1991)
- 52.236-8 Other Contracts (APR 1984)
- 52.236-9 Protection of Existing Vegetation, Structures, Equipment, Utilities, and Improvements (APR 1984)
- 52.236-10 Operations and Storage Areas (APR 1984)
- 52.236-11 Use and Possession Prior to Completion (APR 1984)
- 52.236-12 Cleaning Up (APR 1984)
- 52.236-13 Accident Prevention (NOV 1991)
- Alternate I (NOV 1991)
- 52.236-15 Schedules for Construction Contracts (APR 1984)
- 52.236-17 Layout of Work (APR 1984)
- 52.243-5 Changes and Changed Conditions (APR 1984)
- 52.244-6 Subcontracts for Commercial Items (MAY 2014)
- 52.246-21 Warranty of Construction (MAR 1994)
- 52.249-1 Termination for Convenience of the Government (Fixed-Price) (Short Form) (APR 1984)
- 52.249-10 Default (Fixed-Price Construction) (APR 1984)
- 52.253-1 Computer Generated Forms (JAN 1991)

AGRICULTURE ACQUISITION REGULATION (48 CFR CHAPTER 4) CLAUSES

- 452.232-70 Reimbursement for Bond Premiums – Fixed-Price Construction Contracts (NOV 1996)
- 452.236-71 Prohibition Against the Use of Lead-Paint (NOV 1996)
- 452.236-72 Use of Premises (NOV 1996)
- 452.236-73 Archeological or Historic Sites (FEB 1988)
- 452.236-74 Control of Erosion, Sedimentation and Pollution (NOV 1996)
- 452.236-76 Samples and Certificates (FEB 1988)
- 452.236-77 Emergency Response (NOV 1996)

I.2 FAR 52.215-8 ORDER OF PRECEDENCE – UNIFORM CONTRACT FORMAT (OCT 1997)

Any inconsistency in this solicitation or contract shall be resolved by giving precedence in the following order:

- (a) The Schedule (excluding the specifications)
- (b) Representations and other instructions
- (c) Contract clauses
- (d) Other Documents, exhibits, and attachments
- (e) The Specifications

I.3 FAR 52.225-9 BUY AMERICAN -CONSTRUCTION MATERIALS (MAY 2014)

(a) *Definitions.* As used in this clause—

“Commercially available off-the-shelf (COTS) item”—

(1) Means any item of supply (including construction material) that is—

(i) A commercial item (as defined in paragraph (1) of the definition at FAR [2.101](#));

(ii) Sold in substantial quantities in the commercial marketplace; and

(iii) Offered to the Government, under a contract or subcontract at any tier, without modification, in the same form in which it is sold in the commercial marketplace; and

(2) Does not include bulk cargo, as defined in [46 U.S.C. 40102\(4\)](#), such as agricultural products and petroleum products.

“Component” means an article, material, or supply incorporated directly into a construction material.

“Construction material” means an article, material, or supply brought to the construction site by the Contractor or a subcontractor for incorporation into the building or work. The term also includes an item brought to the site preassembled from articles, materials, or supplies. However, emergency life safety systems, such as emergency lighting, fire alarm, and audio evacuation systems, that are discrete systems incorporated into a public building or work and that are produced as complete systems, are evaluated as a single and distinct construction material regardless of when or how the individual parts or components of those systems are delivered to the construction site. Materials purchased directly by the Government are supplies, not construction material.

“Cost of components” means—

(3) For components purchased by the Contractor, the acquisition cost, including transportation costs to the place of incorporation into the construction material (whether or not such costs are paid to a domestic firm), and any applicable duty (whether or not a duty-free entry certificate is issued); or

(4) For components manufactured by the Contractor, all costs associated with the manufacture of the component, including transportation costs as described in paragraph (1) of this definition, plus allocable overhead costs, but excluding profit. Cost of components does not include any costs associated with the manufacture of the construction material.

“Domestic construction material” means—

(1) An unmanufactured construction material mined or produced in the United States;

(2) A construction material manufactured in the United States, if—

(i) The cost of its components mined, produced, or manufactured in the United States exceeds 50 percent of the cost of all its components. Components of foreign origin of the same class or kind for which nonavailability determinations have been made are treated as domestic; or

(ii) The construction material is a COTS item.

“Foreign construction material” means a construction material other than a domestic construction material.

“United States” means the 50 States, the District of Columbia, and outlying areas.

(b) Domestic preference.

(1) This clause implements [41 U.S.C. chapter 83](#), Buy American, by providing a preference for domestic construction material. In accordance with [41 U.S.C. 1907](#), the component test of the Buy American statute is waived for construction material that is a COTS item. (See FAR [12.505\(a\)\(2\)](#)). The Contractor shall use only domestic construction material in performing this contract, except as provided in paragraphs (b)(2) and (b)(3) of this clause.

(2) This requirement does not apply to information technology that is a commercial item or to the construction materials or components listed by the Government as follows:

None

(3) The Contracting Officer may add other foreign construction material to the list in paragraph (b)(2) of this clause if the Government determines that—

(i) The cost of domestic construction material would be unreasonable. The cost of a particular domestic construction material subject to the requirements of the Buy American statute is unreasonable when the cost of such material exceeds the cost of foreign material by more than 6 percent;

(ii) The application of the restriction of the Buy American statute to a particular construction material would be impracticable or inconsistent with the public interest; or

(iii) The construction material is not mined, produced, or manufactured in the United States in sufficient and reasonably available commercial quantities of a satisfactory quality.

(c) Request for determination of inapplicability of the Buy American statute.

(1)(i) Any Contractor request to use foreign construction material in accordance with paragraph (b)(3) of this clause shall include adequate information for Government evaluation of the request, including—

(A) A description of the foreign and domestic construction materials;

(B) Unit of measure;

(C) Quantity;

(D) Price;

(E) Time of delivery or availability;

(F) Location of the construction project;

(G) Name and address of the proposed supplier; and

(H) A detailed justification of the reason for use of foreign construction materials cited in accordance with paragraph (b)(3) of this clause.

(ii) A request based on unreasonable cost shall include a reasonable survey of the market and a completed price comparison table in the format in paragraph (d) of this clause.

(iii) The price of construction material shall include all delivery costs to the construction site and any applicable duty (whether or not a duty-free certificate may be issued).

(iv) Any Contractor request for a determination submitted after contract award shall explain why the Contractor could not reasonably foresee the need for such determination and could not have requested the determination before contract award. If the Contractor does not submit a satisfactory explanation, the Contracting Officer need not make a determination.

(2) If the Government determines after contract award that an exception to the Buy American statute applies and the Contracting Officer and the Contractor negotiate adequate consideration, the Contracting Officer will modify the contract to allow use of the foreign construction material. However, when the basis for the exception is the unreasonable price of a domestic construction material, adequate consideration is not less than the differential established in paragraph (b)(3)(i) of this clause.

(3) Unless the Government determines that an exception to the Buy American statute applies, use of foreign construction material is noncompliant with the Buy American statute.

(d) *Data*. To permit evaluation of requests under paragraph (c) of this clause based on unreasonable cost, the Contractor shall include the following information and any applicable supporting data based on the survey of suppliers:

FOREIGN AND DOMESTIC CONSTRUCTION MATERIALS PRICE COMPARISON

Construction Material Description	Unit of Measure	Quantity	Price (Dollars)*
<i>Item 1:</i>			
Foreign construction material	_____	_____	_____
Domestic construction material	_____	_____	_____
<i>Item 2:</i>			
Foreign construction material	_____	_____	_____
Domestic construction material			

[List name, address, telephone number, and contact for suppliers surveyed. Attach copy of response; if oral, attach summary.]

[Include other applicable supporting information.]

[* Include all delivery costs to the construction site and any applicable duty (whether or not a duty-free entry certificate is issued).]

I.4 AGAR 452.209-71 ASSURANCE REGARDING FELONY CONVICTION OR TAX DELINQUENT STATUS FOR CORPORATE APPLICANTS (FEB 2012)(ALTERNATE 1) (FEB 2012)

(a) This award is subject to the provisions contained in sections 433 and 434 of the Consolidated Appropriations Act, 2012 (P.L. No. 112-74), Division E, as amended and/or subsequently enacted regarding corporate felony convictions and corporate federal tax delinquencies. Accordingly, by accepting this award the contractor acknowledges that it –

(1) does not have a tax delinquency, meaning that it is not subject to any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability, and

(2) has not been convicted (or had an officer or agent acting on its behalf convicted) of a felony criminal violation under any Federal law within 24 months preceding the award, unless a suspending and debarring official of the United States Department of Agriculture has considered suspension or debarment of the awardee, or such officer or agent, based on these convictions and/or tax delinquencies and determined that suspension or debarment is not necessary to protect the interests of the Government.

(b) If the awardee fails to comply with these provisions, the Forest Service may terminate this contract for default and may recover any funds the awardee has received in violation of sections 433 or 434.

I.5 DEFINITIONS AND ABBREVIATIONS

Wherever in these provisions, or in other contract documents, the following terms, or pronouns in place of them are used, the intent and meaning shall be interpreted as follows:

Building Limits - A line 5 feet outside foundations of the structure.

Calendar Day - Every day shown on the calendar, Sundays and holidays included.

Change Order - A written order issued by the Contracting Officer, to the Contractor documenting modifications within the scope of the contract.

Contract Amendment - A bilateral written supplemental agreement between the Government and the Contractor.

Contract Time - The number of calendar days allowed by the contract for the completion of the work.

Contracting Officer's Representative (COR) - The duly authorized representative of the Contracting Officer, responsible for on-site administration of the contract within the limits of specific written delegation of authority.

Contractor - The individual, partnership, joint venture, or corporation undertaking the execution of the work under the terms of the contract and acting directly or through their agent, employees, or subcontractors.

Equipment - All machinery and equipment, together with the necessary supplies for upkeep and maintenance, including tools and apparatus necessary for the proper construction and acceptable completion of the work.

Forest Supervisor - The person, or designated representative, responsible for administration of a National Forest.

Inspector - The Government authorized representative designated in writing by the COR responsible for detailed inspections of contract performance, within delegation of authority.

Materials - Any substances specified for use in the construction of the project and its appurtenances.

Notice of Non-Compliance - Written notice issued detailing specific area(s) of Non-Compliance with contract requirements.

Original Contract Quantities - Those quantities shown in the Schedule of Items.

Right-of-way - A general term denoting land, property, or interest therein acquired for or devoted to a road or a construction site.

Schedule of Items - Schedule in the contract which contains a listing and description of construction items, quantities, units of measure, method of measurement, unit price and amount.

Specifications - A general term applied to all written directions and requirements pertaining to performance of the work.

Utility Services - Services such as electricity, gas, steam, water and sewerage.

Work Order - A written instruction directing the Contractor to fulfill contract requirements.

Reference to a specific standard or specification shall mean the latest edition or amendment in effect on date of invitation to bid.

1.2 _____ ACRONYMS _____	
AA	Aluminum Association
AASHTO	American Association of State Highway and Transportation Officials
ACI	American Concrete Institute
ADA	Americans With Disabilities Act
AGC	Associated General Contractors
AI	Asphalt Institute
AISC	American Institute of Steel Construction
AISI	American Iron and Steel Institute

AITC	American Institute of Timber Construction
ALSC	American Lumber Standards Committee
ANSI	American National Standards Institute
APA	American Plywood Association
API	American Petroleum Institute
ARTBA	American Road and Transportation Builders Association
ASHRAE	American Society of Heating, Refrigerating & Air Conditioning Engineers
ASME	American Society of Mechanical Engineers
ASTM	American Society for Testing and Material
ATCC	American Type Culture Collection
AWPA	American Wood Preservers Association
AWPB	American Wood Preservers Bureau
AWS	American Welding Society
AWWA	American Water Works Association
CFR	Code of Federal Regulations
CRSI	Concrete Reinforcing Steel Institute
CS	Commercial Standard issued by U.S. Department of Commerce
CSI	Construction Specifications Institute
DEMA	Diesel Engine Manufacturers Association
DOT	U.S. Department of Transportation
FAR	Federal Acquisition Regulations
FED. SPEC. FS	Federal Specifications
FHWA	Federal Highway Administration
FLH	Federal Lands Highway (Federal Highway Administration)
FSS	Federal Specifications and Standards
GSA	General Services Administration
ICBO	International Conference of Building Officials
ISSA	International Slurry Surfacing Association
MIL	Military Specifications
MSHA	Mine Safety and Health Administration
MUTCD	Manual on Uniform Traffic Control Devices
NBFU	National Board of Fire Underwriters
NBS	National Bureau of Standards
NEMA	National Electrical Manufacturers Association
NESC	National Electrical Safety Code

NFPA (Fire)	National Fire Protection Association
NFPA (Forest)	National Forest Products Association
NWMA	National Woodwork Manufacturers Association
OSHA	Occupational Safety and Health Act
PCA	Portland Cement Association
PCI	Prestressed Concrete Institute
PS	Product Standard Issued by the U.S. Department of Commerce
PTI	Post-Tensioning Institute
RIS	Redwood Inspection Service
SAE	Society of Automotive Engineers
SF	Standard Form
SI	International System of Units
SMACNA	Sheet Metal & Air Conditioning Contractors National Association
SSPC	Steel Structures Painting Council
UBC	Uniform Building Code
UFC	Uniform Fire Code
UL	Underwriter's Laboratories, Inc.
UMC	Uniform Mechanical Code
UPC	Uniform Plumbing Code
USASI	United States of America Standards Institute
WCLIB	West Coast Lumber Inspection Bureau
WWPAA	Western Wood Products Association
WWPI	Western Wood Preservation Institute

PART III – LIST OF DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS**SECTION J - LIST OF ATTACHMENTS****J.1 LIST OF ATTACHMENTS (USDA 452.252-70) (JUL 1985)**

Title				Pages
1. Project Standard Specifications (Separate Attachment)				17
2. Project Drawings (Separate Attachment)				4
	Sheet No.	Dwg No.	Description	
A.			<u>GENERAL INFORMATION</u>	
		1	TITLE SHEET	1
		2	SITE MAP	1
		3	PROJECT DETAIL	1
		4	PROJECT PHOTOS	1
3. Past Performance				1
4. DOL Wage Determination, WA 1				10
5. Fire Protection and Suppression				9

PART IV – REPRESENTATIONS AND INSTRUCTIONS

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

K-1 AGAR 452.219-70 SIZE STANDARD AND NAICS CODE INFORMATION (SEP 2001)

The North American Industrial classification System Code(s) and business size standard(s) describing the products and/or services to be acquired under this solicitation are listed below:

Contract line item(s): All Items
 --NAICS Code 238910
 --Size Standard \$15.0 million

K.2 52.204-8 ANNUAL REPRESENTATIONS AND CERTIFICATIONS (MAY 2014)

(a)(1) The North American Industry Classification System (NAICS) code for this acquisition is 238910.

(2) The small business size standard is \$15.0 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)(1) If the provision at [52.204-7](#), System for Award Management, is included in this solicitation, paragraph (d) of this provision applies.

(2) If the provision at [52.204-7](#) is not included in this solicitation, and the offeror is currently registered in the System for Award Management (SAM), and has completed the Representations and Certifications section of SAM electronically, the offeror may choose to use paragraph (d) of this provision instead of completing the corresponding individual representations and certifications in the solicitation. The offeror shall indicate which option applies by checking one of the following boxes:

(i) Paragraph (d) applies.

(ii) Paragraph (d) does not apply and the offeror has completed the individual representations and certifications in the solicitation.

(c)(1) The following representations or certifications in SAM are applicable to this solicitation as indicated:

(i) [52.203-2](#), Certificate of Independent Price Determination. This provision applies to solicitations when a firm-fixed-price contract or fixed-price contract with economic price adjustment is contemplated, unless—

(A) The acquisition is to be made under the simplified acquisition procedures in [Part 13](#);

(B) The solicitation is a request for technical proposals under two-step sealed bidding procedures; or

(C) The solicitation is for utility services for which rates are set by law or regulation.

(ii) [52.203-11](#), Certification and Disclosure Regarding Payments to Influence Certain Federal Transactions. This provision applies to solicitations expected to exceed \$150,000.

(iii) [52.204-3](#), Taxpayer Identification. This provision applies to solicitations that do not include the provision at [52.204-7](#), System for Award Management.

(iv) [52.204-5](#), Women-Owned Business (Other Than Small Business). This provision applies to solicitations that—

(A) Are not set aside for small business concerns;

(B) Exceed the simplified acquisition threshold; and

(C) Are for contracts that will be performed in the United States or its outlying areas.

(v) [52.209-2](#), Prohibition on Contracting with Inverted Domestic Corporations—Representation. This provision applies to solicitations using funds appropriated in fiscal years 2008, 2009, 2010, or 2012.

(vi) [52.209-5](#), Certification Regarding Responsibility Matters. This provision applies to solicitations where the contract value is expected to exceed the simplified acquisition threshold.

(vii) [52.214-14](#), Place of Performance—Sealed Bidding. This provision applies to invitations for bids except those in which the place of performance is specified by the Government.

(viii) [52.215-6](#), Place of Performance. This provision applies to solicitations unless the place of performance is specified by the Government.

(ix) [52.219-1](#), Small Business Program Representations (Basic & Alternate I). This provision applies to solicitations when the contract will be performed in the United States or its outlying areas.

(A) The basic provision applies when the solicitations are issued by other than DoD, NASA, and the Coast Guard.

(B) The provision with its Alternate I applies to solicitations issued by DoD, NASA, or the Coast Guard.

(x) [52.219-2](#), Equal Low Bids. This provision applies to solicitations when contracting by sealed bidding and the contract will be performed in the United States or its outlying areas.

(xi) [52.222-22](#), Previous Contracts and Compliance Reports. This provision applies to solicitations that include the clause at [52.222-26](#), Equal Opportunity.

(xii) [52.222-25](#), Affirmative Action Compliance. This provision applies to solicitations, other than those for construction, when the solicitation includes the clause at [52.222-26](#), Equal Opportunity.

(xiii) [52.222-38](#), Compliance with Veterans' Employment Reporting Requirements. This provision applies to solicitations when it is anticipated the contract award will exceed the simplified acquisition threshold and the contract is not for acquisition of commercial items.

(xiv) [52.223-1](#), Biobased Product Certification. This provision applies to solicitations that require the delivery or specify the use of USDA–designated items; or include the clause at [52.223-2](#), Affirmative Procurement of Biobased Products Under Service and Construction Contracts.

(xv) [52.223-4](#), Recovered Material Certification. This provision applies to solicitations that are for, or specify the use of, EPA–designated items.

(xvi) [52.225-2](#), Buy American Certificate. This provision applies to solicitations containing the clause at [52.225-1](#).

(xvii) [52.225-4](#), Buy American—Free Trade Agreements—Israeli Trade Act Certificate. (Basic, Alternates I, II, and III.) This provision applies to solicitations containing the clause at [52.225-3](#).

(A) If the acquisition value is less than \$25,000, the basic provision applies.

(B) If the acquisition value is \$25,000 or more but is less than \$50,000, the provision with its Alternate I applies.

(C) If the acquisition value is \$50,000 or more but is less than \$79,507, the provision with its Alternate II applies.

(D) If the acquisition value is \$79,507 or more but is less than \$100,000, the provision with its Alternate III applies.

(xviii) [52.225-6](#), Trade Agreements Certificate. This provision applies to solicitations containing the clause at [52.225-5](#).

(xix) [52.225-20](#), Prohibition on Conducting Restricted Business Operations in Sudan—Certification. This provision applies to all solicitations.

(xx) [52.225-25](#), Prohibition on Contracting with Entities Engaging in Certain Activities or Transactions Relating to Iran-Representation and Certifications. This provision applies to all solicitations.

(xxi) [52.226-2](#), Historically Black College or University and Minority Institution Representation. This provision applies to—

(A) Solicitations for research, studies, supplies, or services of the type normally acquired from higher educational institutions; and

(B) For DoD, NASA, and Coast Guard acquisitions, solicitations that contain the clause at [52.219-23](#), Notice of Price Evaluation Adjustment for Small Disadvantaged Business Concerns.

(2) The following certifications are applicable as indicated by the Contracting Officer:

___ (i) [52.219-22](#), Small Disadvantaged Business Status.

___ (A) Basic.

___ (B) Alternate I.

___ (ii) [52.222-18](#), Certification Regarding Knowledge of Child Labor for Listed End Products.

___ (iii) [52.222-48](#), Exemption from Application of the Service Contract Labor Standards to Contracts for Maintenance, Calibration, or Repair of Certain Equipment- Certification.

___ (iv) [52.222-52](#), Exemption from Application of the Service Contract Labor Standards to Contracts for Certain Services-Certification.

___ (v) [52.223-9](#), with its Alternate I, Estimate of Percentage of Recovered Material Content for EPA–Designated Products (Alternate I only).

___ (vi) [52.227-6](#), Royalty Information.

___ (A) Basic.

___ (B) Alternate I.

___ (vii) [52.227-15](#), Representation of Limited Rights Data and Restricted Computer Software.

(d) The offeror has completed the annual representations and certifications electronically via the SAM website accessed through <https://www.acquisition.gov>. After reviewing the SAM database information, the offeror verifies by submission of the offer that the representations and certifications currently posted electronically that apply to this solicitation as indicated in paragraph (c) of this provision have been entered or updated within the last 12 months, are current, accurate, complete, and applicable to this solicitation (including the business size standard applicable to the NAICS code referenced for this solicitation), as of the date of this offer and are incorporated in this offer by reference (see FAR [4.1201](#)); except for the changes identified below [*offeror to insert changes, identifying change by clause number, title, date*]. These amended representation(s) and/or certification(s) are also incorporated in this offer and are current, accurate, and complete as of the date of this offer.

FAR CLAUSE #	TITLE	DATE	CHANGE
_____	_____	_____	_____

Any changes provided by the offeror are applicable to this solicitation only, and do not result in an update to the representations and certifications posted on SAM.

K.3 AGAR 452.209 – 70 REPRESENTATION BY CORPORATIONS REGARDING AN UNPAID DELINQUENT TAX LIABILITY OR A FELONY CONVICTION (DEVIATION 2012-01) (FEB 2012) (ALTERNATE 1) (FEB 2012)

(a.) Awards made under this solicitation are subject to the provisions contained in sections 433 and 434 in the Consolidated Appropriations Act, 2012 (P.L. No. 112-74), Division E, as amended and/or subsequently enacted, regarding corporate felony convictions and corporate federal tax delinquencies. To comply with these provisions, all offerors must complete paragraph (1) of this representation, and all corporate offerors also must complete paragraphs (2) and (3) of this representation.

(b) The Offeror represents that –

- (1) The Offeror is [], is not [] (*check one*) an entity that has filed articles of incorporation in one of the fifty states, the District of Columbia, or the various territories of the United States including American Samoa, Federated States of Micronesia, Guam, Midway Islands, Northern Mariana Islands, Puerto Rico, Republic of Palau, Republic of the Marshall Islands, U.S. Virgin Islands. (Note that this includes both for-profit and non-profit organizations.)

If the Offeror checked “is” above, the Offeror must complete paragraphs (2) and (3) of the representation. If Offeror checked “is not” above, Offeror may leave the remainder of the representation blank.

- (2) (i) The Offeror has [], has not [] (*check one*) been convicted of a felony criminal violation under Federal or State law in the 24 months preceding the date of offer.

(ii) Offeror has [], has not [] (*check one*) had any officer or agent of Offeror convicted of a felony criminal violation for actions taken on behalf of Offeror under Federal law in the 24 months preceding the date of offer.

- (3) The Offeror does [], does not [] (*check one*) have any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability.

K.4 FAR 52.223-1 BIOBASED PRODUCT CERTIFICATION (MAY 2012)

As required by the Farm Security and Rural Investment Act of 2002 and the Energy Policy Act of 2005 (7 U.S.C. 8102(c)(3)), the offeror certifies, by signing this offer, that biobased products (within categories of products listed by the United States Department of Agriculture in 7 CFR part3201, subpart B) to be used or delivered in the performance of the contract, other than biobased products that are not purchased by the offeror as a direct result of this contract, will comply with the applicable specifications or other contractual requirements.

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)

52.215-1 Instructions to Offerors--Competitive Acquisition (JAN 2004)

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: 360-891-5081

(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.

L.3 FAR 52.222-5 CONSTRUCTION WAGE REQUIREMENTS - SECONDARY SITE OF THE WORK (MAY 2014)

(a)(1) The offeror shall notify the Government if the offeror intends to perform work at any secondary site of the work, as defined in paragraph (a)(1)(ii) of the FAR clause at [52.222-6](#), Construction Wage Rate Requirements, of this solicitation.

(2) If the offeror is unsure if a planned work site satisfies the criteria for a secondary site of the work, the offeror shall request a determination from the Contracting Officer.

(b)(1) If the wage determination provided by the Government for work at the primary site of the work is not applicable to the secondary site of the work, the offeror shall request a wage determination from the Contracting Officer.

(2) The due date for receipt of offers will not be extended as a result of an offeror's request for a wage determination for a secondary site of the work

L.4 FAR 52.222-23 NOTICE OF REQUIREMENT FOR AFFIRMATIVE ACTION TO ENSURE EQUAL EMPLOYMENT OPPORTUNITY FOR CONSTRUCTION (FEB 1999)

(a) The offeror's attention is called to the Equal Opportunity clause and the Affirmative Action Compliance Requirements for Construction clause of this solicitation.

(b) The goals for minority and female participation, expressed in percentage terms for the Contractor's aggregate workforce in each trade on all construction work in the covered are, are as follows:

Goals for minority participation for each trade: 6.1Goals for female participation for each trade: 6.9

These goals are applicable to all the Contractor's construction work performed in the covered area. If the Contractor performs construction work in a geographical area located outside of the covered area, the Contractor shall apply the goals established for the geographical area where the work is actually performed. Goals are published periodically in the *Federal Register* in notice form, and these notices may be obtained from any Office of Federal Contract Compliance Programs office.

(c) The Contractor's compliance with Executive Order 11246, as amended, and the regulations in 41 CFR 60-4 shall be based on (1) its implementation of the Equal Opportunity clause, (2) specific affirmative actions obligations required by the clause entitled "Affirmative Action Compliance Requirements for Construction," and (3) its efforts to meet the goals. The hours of minority and female employment and training must be substantially uniform throughout the length of the contract, and in each trade. The Contractor shall make a good faith effort to employ minorities and women evenly on each of its projects. The transfer of minority or female employees or trainees from Contractor to Contractor, or from project to project, for the sole purpose of meeting the Contractor's goals shall be a violation of the contract, Executive Order 11246, as amended, and the regulations in 41 CFR 60-4. Compliance with the goals will be measured against the total work hours performed.

(d) The Contractor shall provide written notification to the Deputy Assistant Secretary for Federal Contract Compliance, U. S. Department of Labor, within 10 working days following award of any construction subcontract in excess of \$10,000 at any tier for construction work under the contract resulting from this solicitation. The notification shall list the--

- (1) Name, address, and telephone number of the subcontractor;
- (2) Employer's identification number of the subcontractor;
- (3) Estimated dollar amount of the subcontract;
- (4) Estimated starting and completion dates of the subcontract; and
- (5) Geographical area in which the subcontract is to be performed.

(e) As used in this Notice, and in any contract resulting from this solicitation, the "covered area" is Lewis County, WA.

L.5 FAR 52.225-10 NOTICE OF BUY AMERICAN REQUIREMENT--CONSTRUCTION MATERIALS (MAY 2014)

(a) *Definitions.* “Commercially available off-the-shelf (COTS) item,” “construction material,” “domestic construction material,” and “foreign construction material,” as used in this provision, are defined in the clause of this solicitation entitled “Buy American—Construction Materials” (Federal Acquisition Regulation (FAR) clause [52.225-9](#)).

(b) *Requests for determinations of inapplicability.* An offeror requesting a determination regarding the inapplicability of the Buy American statute should submit the request to the Contracting Officer in time to allow a determination before submission of offers. The offeror shall include the information and applicable supporting data required by paragraphs (c) and (d) of the clause at FAR [52.225-9](#) in the request. If an offeror has not requested a determination regarding the inapplicability of the Buy American statute before submitting its offer, or has not received a response to a previous request, the offeror shall include the information and supporting data in the offer.

(c) Evaluation of offers.

(1) The Government will evaluate an offer requesting exception to the requirements of the Buy American statute, based on claimed unreasonable cost of domestic construction material, by adding to the offered price the appropriate percentage of the cost of such foreign construction material, as specified in paragraph (b)(3)(i) of the clause at FAR [52.225-9](#).

(2) If evaluation results in a tie between an offeror that requested the substitution of foreign construction material based on unreasonable cost and an offeror that did not request an exception, the Contracting Officer will award to the offeror that did not request an exception based on unreasonable cost.

(d) Alternate offers.

(1) When an offer includes foreign construction material not listed by the Government in this solicitation in paragraph (b)(2) of the clause at FAR [52.225-9](#), the offeror also may submit an alternate offer based on use of equivalent domestic construction material.

(2) If an alternate offer is submitted, the offeror shall submit a separate [Standard Form 1442](#) for the alternate offer, and a separate price comparison table prepared in accordance with paragraphs (c) and (d) of the clause at FAR [52.225-9](#) for the offer that is based on the use of any foreign construction material for which the Government has not yet determined an exception applies.

(3) If the Government determines that a particular exception requested in accordance with paragraph (c) of the clause at FAR [52.225-9](#) does not apply, the Government will evaluate only those offers based on use of the equivalent domestic construction material, and the offeror shall be required to furnish such domestic construction material. An offer based on use of the foreign construction material for which an exception was requested—

- (i) Will be rejected as nonresponsive if this acquisition is conducted by sealed bidding; or
 - (ii) May be accepted if revised during negotiations.
-

L.6 FAR 52.216-1 TYPE OF CONTRACT (APR 1984)

The Government contemplates award of a Firm Fixed Price contract resulting from this solicitation.

L.7 AGAR 452.215-71 INSTRUCTIONS FOR THE PREPARATION OF TECHNICAL AND BUSINESS PROPOSALS (SEPT 1999)

General Instructions. Proposals submitted in response to this solicitation shall be furnished in the following format with the numbers of copies as specified below.

- (1) The proposal must include a technical proposal and a business proposal. Each of the parts shall be separate and complete so that evaluation of one may be accomplished independently from evaluation of the other. The technical must not contain reference to cost; however, resource information (such as data concerning labor hours and categories, materials, subcontracts, etc.) must be contained in the technical proposal so that the contractor's understanding of the statement of work may be evaluated.
- (2) The Government will evaluate proposals in accordance with the evaluation criteria set forth in Section M of this RFQ.
- (3) Offerors shall submit their proposal(s) in the following format and the quantities specified:
 - A. One (1) original copy of business proposal (SF-1442, Schedule of Items, All fill in clauses and provisions in Section K)**
 - B. One (1) original copy of the technical proposal (See below).**

Technical Proposal Instructions:*a. Relevant Experience, Past Performance, Technical Approach*

The technical proposal will be used to make an evaluation and arrive at a determination as to whether the proposal will meet the requirements of the Government. Therefore, the technical proposal must present sufficient information to reflect a thorough understanding of the requirements inclusive of past performance, relevant experience and a description of the techniques, procedures and program for achieving the objectives of the specifications/statement of work. Proposals which merely paraphrase the requirements of the Government's specifications/statement of work, or use such phrases as "will comply" or "standard techniques will be employed" will be considered unacceptable and will not be considered further. Failure to provide this information may result in a complete rejection of your offer and contractor not being considered for award. As a minimum, the proposal must provide

adequate information in the form of a brief narrative on each of the evaluation factors described in Section M that clearly demonstrates ability to perform the required work satisfactorily. Offerors must provide the items as specified in Section M.

b. BioPreferred Products

The purpose of the USDA BioPreferred® program is to promote the increased purchase and use of biobased products. The program is expected to promote economic development, creating new jobs and providing new markets for farm commodities. To the extent that the BioPreferred program achieves its purpose, the increased purchase of biobased products will also be expected to reduce petroleum consumption, increase the use of renewable resources, better manage the carbon cycle, and may contribute to reducing adverse environmental and health impacts.

Defined by the 2002 Farm Bill, biobased products are commercial or industrial products (other than food or feed) that are composed in whole, or in significant part, of biological products, renewable agricultural materials (including plant, animal, and marine materials), or forestry materials.

Offerors shall submit a list of the biobased products to be purchased and used under this contract. For each biobased product, the offeror shall specify the percentage of biobased content, and for the USDA-designated biobased content products, the offeror shall demonstrate that the products to be used under this contract contain the percentage specified in the USDA recommendations or the highest level of biobased material practicable, consistent with USDA's recommended percentages of biobased content.

The offeror shall document prior experience in specifying, purchasing, using, and installing biobased products by providing a list of all relevant contracts over the past two years involving the specification, purchase, and/or use of biobased products including a list of the biobased products specified, purchased, used, and installed.

SECTION M – EVALUATION FACTORS FOR AWARD**M.1 AWARD DETERMINATION**

Basis of Award and Evaluation of Offers: Price is approximately equal to all technical factors combined. It is the Government's intent to determine reasonableness and the offeror(s) understanding of the work and the ability to perform the contract. The Government may issue award without entering into discussions, or conduct discussions to clarify as necessary. Each initial offer should contain the offeror's best terms and must speak directly to the evaluation factors listed. Failure to respond to all evaluation criteria will result in the contractor not being evaluated for award.

The Government will award a contract resulting from this solicitation to the responsible offeror whose offer conforming to the solicitation will be most advantageous to the Government, price and other factors considered.

By submission of your offer in accordance with the instructions provided in Section L, the offeror accedes to the terms of this contract.

M.2 EVALUATION FACTORS

Each offeror's proposal will be evaluated for each factor and subfactor listed below:

TECHNICAL PROPOSAL:

a) Past Performance/Relevant Experience: The offeror will be evaluated on performance over the past three years relative to experience on similar projects and types of work. In accordance with FAR 15.305, in the case of an offeror without a record of relevant past performance or for whom information on past performance is not available, the offeror will not be evaluated either favorably or unfavorably in this area, but instead will receive a neutral rating in the area of past performance.

b) Use of Biobased/Biopreferred Items

- Proposed list of biobased/biopreferred products to be utilized on this project
- Products past performance experience with the use of biobased products in minor construction; and
- Identification of past biobased project management experience in the following areas: contracts performed using biobased products and dollar amount.
- *If no Biobased is anticipated for this project, a simple justification for why*

BUSINESS PROPOSAL:

a) Cost/Price: This criterion will include consideration of cost/price information entered in the Schedule of Items. It is the Government's intent to determine reasonableness and the offerors

understanding of the work and the ability to perform the contract. Where past performance evaluations and other factors are determined to be substantially equal, cost may control award.

b) SF-1442

c) All fill in clauses Section K

SECTION 01200
MOBILIZATION PAYMENT PROCEDURES

PART 1 - GENERAL

1.01 SUMMARY

- A. This work shall consist of preparatory work and operations necessary for the movement of personnel, equipment, supplies, and incidentals to the project site, and for all other work and operations that must be performed or that cause costs to be incurred prior to beginning work on the various items on the project site.

PART 2 - PRODUCTS (NOT USED)

PART 3 - EXECUTION (NOT USED)

PART 4 - MEASUREMENT AND PAYMENT

4.01 PROGRESS PAYMENTS WILL BE MADE AS FOLLOWS:

- A. Mileage shall be paid either:
 1. From the contractor's place of business to the work site,
 2. From work site to work site.

4.02 BASIS OF PAYMENT

- A. Payment will be made under:

<u>PAY ITEM</u>	<u>DESCRIPTION</u>	<u>PAY UNIT</u>
01200-1	Mobilization	Per mile

END OF SECTION 01200

SECTION 02230
CLEARING AND GRUBBING

PART 1 - GENERAL

1.01 SUMMARY

- A. This section specifies clearing, grubbing, removing, and disposing of all vegetation and debris within the clearing limits except objects designated to remain. Work includes preserving objects designated to remain.
- B. Clearing Limits.
 - 1. Clearing limits are within a ten (10) foot strip contiguous to utility centerline (unless otherwise staked on the ground).

PART 2 - PRODUCTS (NOT USED)

PART 3 - EXECUTION

3.01 SURFACE PREPARATION

- A. Clearing.
 - 1. Clear all trees, brush and other objects not designated to remain.
- B. Grubbing.
 - 1. Grub all stumps, brush, and roots (to a minimum 3" diameter) within the clearing limits.
 - 2. Grub stumps, shrubs, brush, and roots (to a minimum 3" diameter) within the excavation limits.

3.02 TREE PRESERVATION

- A. Treatment of Trees and Shrubs Damaged by Contractor.
 - 1. Trim branches flush with tree.
 - 2. Within 3 days of the damage, treat all cut or scarred surfaces of trees or shrubs designated to remain. Use a product prepared especially for tree surgery.

3.03 DEBRIS DISPOSAL

- A. Haul all vegetative debris to the debris disposal site.
- B. Dispose of non-vegetative debris off National Forest Land.

PART 4 - MEASUREMENT AND PAYMENT (NOT USED)

END OF SECTION 02230

SECTION 02310
GRADING

PART 1 - GENERAL

1.01 SUMMARY

- A. This section specifies grading requirements for project.

1.02 RELATED SECTIONS

- A. 02230 - Clearing and Grubbing.
- B. 02317 - Excavation and Backfill for Structures.

PART 2 - PRODUCTS

2.01 MATERIALS

- A. Fill Material.
 - 1. Material free from frozen or organic material, and rocks larger than 2 inches.

PART 3 - EXECUTION

3.01 CONSTRUCTION

- A. General.
 - 1. Grade around buildings to the contours and elevations shown on the Drawings and smoothly blend into existing contours. Grade to uniform levels or slopes between points where grades or contours are given, round surfaces at abrupt changes in levels. Slope ground away from building walls and walks to facilitate drainage.
 - 2. Hand rake areas within the grading limit lines. Remove all roots, brush, weeds and stones larger than 2 inches from the finish graded surface.
- B. Grading Around Buildings.
 - 1. Grade all areas to produce uniform slopes between spot elevations and contours.
 - 2. Control grading within 5 feet of buildings and all other structures to prevent water from running into excavated areas. Remove all water, which accumulates in excavated areas.
- C. Crawl Spaces.
 - 1. Grade crawl spaces to a uniform slope.
- D. Excess Material.
 - 1. Remove excess material, not required for grading, from the site.

PART 4 - MEASUREMENT AND PAYMENT (NOT USED)

END OF SECTION 02310

SECTION 02317
EXCAVATION AND BACKFILL FOR STRUCTURES

PART 1 - GENERAL

1.01 SUMMARY

- A. This section specifies excavation and backfill for structures, including excavation; furnishing, hauling and placing of backfill material; disposal of excess or unsuitable backfill material; and grading. Material to be excavated is unclassified.

1.02 RELATED SECTIONS

- A. 02230 - Clearing and Grubbing.
B. 02310 - Grading.

PART 2 - PRODUCTS

2.01 MATERIALS

- A. Backfill Materials.
1. Backfill materials shall contain no organic or frozen material.
 - a. General Backfill Material.
 - 1) Excavated material containing no rock larger than 6 inches.
 - b. Designated Backfill Material.
 - 1) Excavated material containing no rock larger than 3 inches.
 - c. Crushed Rock.
 - 1) Crushed aggregate, conforming to the requirements of AASHTO M147, grade D.
 - d. Bedding Material.
 - 1) 1/4 inch minus pea gravel or sand; 100 percent passing the #4 sieve.
 - e. Topsoil.
 - 1) Loam or excavated topsoil with no rocks larger than 2 inches in greatest dimension.

PART 3 - EXECUTION

3.01 CONSTRUCTION

- A. Excavation.
1. Topsoil Material.
 - a. Remove surface material to a depth of 12 inches in areas to be excavated. Stockpile this material separately from other excavated material, for use in grading the site.
- B. Backfill.
1. Preparation for Backfill.
 - a. Clean the excavated area of all debris. Remove any standing water from excavation. Prior to backfill, obtain approval from COR to backfill excavated area.
 - b. Backfilling all Structures.
 - 1) Do not backfill in a manner to cause structure to become point loaded. Place backfill in uniform lifts around structure.
 - c. Backfilling Fiberglass Tanks.
 - 1) Backfill fiberglass tanks with bedding material within 6 inches of tank. Backfill remaining area with designated backfill material.
 - d. Placing Backfill Material.
 - 1) Place all backfill material in 12 inch maximum lifts. Compact each lift with a minimum of 2 passes over the entire layer with mechanical tampers.

- 2) Do not use tracked or wheeled equipment to compact backfill.
 - e. Topsoil.
 - 1) Deposit original surface material as the final backfill lift and compact with a minimum of 2 passes over the entire surface with mechanical tamper.
 - C. Grading.
 - 1. Grade surface uniformly between spot elevations or contours to match existing adjacent ground elevations. Slope surface to provide drainage away from structures.
- 3.02 RESTORATION
 - A. Seeding.
 - 1. Seed all backfilled and damaged areas after restoration and scarifying.
- 3.03 REPAIR/RESTORATION
 - A. Underground Utilities.
 - 1. Stop all work associated with damage to existing utilities, and notify COR. Repair utility as directed by the COR.
 - 2. Contractor is responsible for the location of all underground utilities. Any damage to underground utilities by the contractor will be repaired by the contractor at the contractor's expense.
- 3.04 EXCESS EXCAVATED MATERIAL (SUITABLE AND UNSUITABLE)
 - A. Remove all excess or unsuitable material from the site for disposal off National Forest Land.
 - B. Remove all excess or unsuitable material from the site, and stockpile in designated areas.
 - C. Spread excess material adjacent to structure site to blend with existing contours.

PART 4 - MEASUREMENT AND PAYMENT (NOT USED)

END OF SECTION 02317

SECTION 02318
EXCAVATION AND BACKFILL FOR UTILITIES

PART 1 - GENERAL

1.01 SUMMARY

- A. This section specifies excavation and backfill for utilities, including excavation; furnishing, hauling and placing of backfill material; disposal of excess or unsuitable backfill material; and grading.
- B. A disposal site will be provided by the Forest Service.
- C. Class of Material.
 - 1. Material to be excavated for installation of utilities is unclassified.
 - 2. Material to be excavated for installation of utilities is classified.
 - a. Topsoil.
 - 1) The top 6 to 8 inches of surface material for trenches.
 - b. Subsoil.
 - 1) All additional excavated material beneath the topsoil.
 - c. Common.
 - 1) All excavated material not designated as rock excavation (or topsoil).

1.02 RELATED SECTIONS

- A. 02230 - Clearing and Grubbing.
- B. 02310 - Grading

1.03 SUBMITTALS

- A. Excavation.
 - 1. Notify COR when excavation is completed. Do not place pipe, cable or bedding backfill until the excavation is approved by the COR.

1.04 PROJECT CONDITIONS

- A. Contractor shall be responsible to call for utility locate services, if available in area.

PART 2 - PRODUCTS

2.01 MATERIALS

- A. Backfill Materials.
 - 1. Backfill materials shall contain no organic or frozen material.
 - a. General Backfill Material.
 - 1) Excavated material containing no rock larger than 6 inches.
 - b. Designated Backfill Material.
 - 1) Excavated material containing no rock larger than 3 inches.
 - c. Crushed Rock.
 - 1) Crushed aggregate, conforming to the requirements of AASHTO M147, grade D.
 - d. Bedding Material.
 - 1) 1/4 inch minus pea gravel or sand; 100 percent passing the #4 sieve.
 - e. Topsoil.
 - 1) Loam or excavated topsoil with no rocks larger than 2 inches in greatest dimension.

PART 3 - EXECUTION**3.01 CONSTRUCTION**

- A. Excavation.
 - 1. Excavation shall not begin until all clearing and grubbing work is completed except for final debris disposal. Operations shall be in compliance with the requirements and restrictions of OSHA, and the Washington Occupational Safety and Health Code.
 - 2. All trenches shall be excavated in reasonably close conformity with the lines and grades shown on the Drawings. Any shifting or change from the alignment and grade shown on the Drawings must receive prior approval by the COR in writing.
 - 3. Lay utilities in continuous open trench. Short tunnel sections or boring may be used in special locations with the approval of the COR.
 - 4. Trim roots flush with trench wall.
- B. Overexcavation.
 - 1. Restore to grade any overexcavation by backfilling with select material.
- C. Salvage of Topsoil.
 - 1. Excavate top 12 inches of surface material and stockpile separately for use as topsoil backfill material.
 - 2. Suitable topsoil not containing well-bound pieces of sod may be conserved for use as topsoil backfill material.
- D. Wet Excavation.
 - 1. If water is encountered during trench excavation, provide adequate pumping equipment and piping to keep trench free from water and dispose of the water without damage to adjacent property. Separate payment will not be made for pumping of water from trenches or for excavation of material rendered unsuitable as a result of water encountered.
- E. Unsuitable Material.
 - 1. Where unsuitable material is encountered in the trench bottom, as determined by the COR, excavate the trench below grade to the depth specified by the COR.
- F. Backsloping, Sheeting and Shoring.
 - 1. Backsloping of trench walls will be allowed only upon prior written approval of the COR.
 - 2. Remove all shoring and sheeting when construction is completed. Withdraw to prevent trench wall caving while backfilling.
- G. Excavated Material.
 - 1. Pile excavated material at the side of the trench where it will give the best protection for the work. Leave adequate space between the toe of the spoil pile and edge of trench to prevent material from falling into the trench.
- H. Backfill.
 - 1. Do not place backfill until installation of pipe has been approved by the COR.
 - 2. Before compacting backfill other than rock or sand, prepare material to a water content that will permit proper compaction by either aerating the material if it is too wet, or spraying the material with water if it is too dry. Thoroughly mix each lift before compaction to assure uniform distribution of water content. Do not compact material above pipe until there are 6 inches of cover over the pipe.
 - 3. Compact each lift (with the required number of passes of a mechanical vibrating tamper over the entire layer) (to the required density).
 - a. Select Material.
 - 1) Place in lifts 6 inch or less and compact to a density of not less than 95 percent of the maximum density determined by AASHTO T99.

- b. Select Material.
 - 1) Place in 6 inches lifts or less and compact with a minimum of 3 passes over the entire lift surface.
 - c. Bedding Material.
 - 1) Place in lifts 4 inches or less in thickness and compact with a minimum of 3 passes over the entire lift surface. Compact around pipe barrel and bells by hand tamping.
 - d. Select Excavated Material.
 - 1) Distribute large rocks so they are individually surrounded by fine materials. Place select excavated material as follows where backfill classes are indicated on Drawings.
 - a) Class B: Place in 12 inch lifts or less and compact each lift with 3 passes of tamper.
 - e. The number of tamper passes required may be reduced upon acceptance by the COR, if approved test method results demonstrate that the backfill compaction meets or exceeds the density of the natural ground adjacent to the trench. Any such testing shall be performed at the Contractor's expense.
4. Water compaction shall not be used.

3.02 REPAIR/RESTORATION

- A. Damage to existing underground utilities.
 - 1. Contractor is responsible for locating all underground utilities before any excavations begin. Repair shall be at Contractor's expense.
- B. Surface Restoration.
 - 1. Restore all surfaces in kind and in accordance with backfill class:
 - a. Class A: Mound final uncompacted lift above finished grade.
 - 2. Final Finish.
 - a. After the utility installation and backfill has been completed, finish all disturbed areas, except trench area required to be mounded, to a smooth, uniform grade and texture, well blended to the original contours, showing minimum evidence of construction activity.
- C. Seeding.
 - 1. Seed all excavated and disturbed areas after restoration and scarifying.

3.03 CLEANING

- A. Disposal of Excess of Excavation and Unsuitable Material.
 - 1. Spread excess excavation, without mounding, within the clearing limits.

PART 4 - MEASUREMENT AND PAYMENT (NOT USED)

END OF SECTION 02318

SECTION 02530
SANITARY SEWERAGE

PART 1 - GENERAL

1.01 SUMMARY

- A. This section specifies construction of gravity sanitary sewer lines.

1.02 RELATED SECTIONS

- A. 02230 - CLEARING AND GRUBBING
B. 02310 – GRADING
C. 02317 – EXCAVATION AND BACKFILL FOR STRUCTURES
D. 02318 – EXCAVATION AND BACKFILL FOR UTILITIES

1.03 SUBMITTALS

- A. Pipe
1. Manufacturer's specification sheets for the material to be used.

PART 2 - PRODUCTS

2.01 MATERIALS

- A. Marking Tape.
1. Plastic marking tape, printed with the words "Buried Sewer" or similar. Terra-Tape, or approved equal.
2. Schedule 80 HPVC or to match existing.
3. Iron ductile will be replaced with plastic of the same diameter.

PART 3 - EXECUTION

3.01 PREPARATION

- A. Fine Grading of Bedding Material.
1. Fine grade the pipe bedding with hand tools, using lines, straight edges, and templates. Provide support for pipe on at least the bottom quarter of the circumference and throughout its length. Tool bell holes no larger than necessary to permit making the joint.

3.02 INSTALLATION

- A. Placement of Pipe.
1. Lower pipe lengths carefully into the trench. Do not drop pipe during unloading or placement. Dropped pipe sections will be subject to rejection by the COR.
2. Insert spigot end to the depth mark. Support pipe to insure true alignment and an invert which is smooth and free from roughness or irregularity. When the pipe is in place, support pipe barrel by placing and tamping sufficient pipe bedding along side of pipe to prevent movement.
- B. Grade and Alignment.
1. Install pipe so grade and alignment are within the following tolerances:
a. Grade of pipe 2 percent or less:
1) Alignment: 0.02 foot maximum deviation off true center line.
2) Grade: 0.005 foot maximum deviation above or below true grade.

- b. Grade of pipe greater than 2 percent:
 - 1) Alignment: 0.10 foot maximum deviation off true center line.
 - 2) Grade: 0.02 foot maximum deviation above or below true grade.
- C. Protection and Cleaning of Pipe Interior.
 - 1. Close the pipe end with a watertight stopper at the end of each days work. Clean sewer lines of all rocks, sticks, and other debris at the completion of construction.
- D. Approval.
 - 1. Do not begin backfill until pipeline installation is accepted, in writing, by the COR.
- E. Marking Tape.
 - 1. Place marking tape two feet above all buried lines during backfilling as shown.
- F. Repair and Retesting of Defective Sections.
 - 1. Determine the source(s) of leakage and repair the defective pipe section(s) by removing, replacing, and relaying the pipe, or by installing a maximum of 1 manufactured full circle repair clamp per pipe section.
 - 2. Repair and retest the section until a passing test is obtained. Repair and retesting of sections shall be done at no additional cost to the Government.

3.03 MISCELLANEOUS APPURTENANCES

- A. Marking Tape.
 - 1. Place metallic core marking tape vertically above all buried sewer lines during backfilling.

PART 4 - MEASUREMENT AND PAYMENT

4.01 METHOD OF MEASUREMENT

- A. Measurement will be of the linear feet of gravity sewer pipe installed and accepted.

4.02 BASIS OF PAYMENT

- A. Payment will be at the Contract unit price for each item accepted.
- B. Payment will be made under:

<u>PAY ITEM</u>	<u>DESCRIPTION</u>	<u>PAY UNIT</u>
02530-1	Gravity Sewer line 4 inch Diameter	Linear Foot

END OF SECTION 02530

SECTION 02543
SEPTIC TANKS**PART 1 - GENERAL**

1.01 SUMMARY

- A. This section specifies construction, installation, and connection of Fiberglass Reinforced Plastic (FRP) septic tanks.

1.02 RELATED SECTIONS

- A. 02230 - CLEARING AND GRUBBING
- B. 02310 – GRADING
- C. 02317 – EXCAVATION AND BACKFILL FOR STRUCTURES
- D. 02318 – EXCAVATION AND BACKFILL FOR UTILITIES

1.03 QUALITY ASSURANCE

- A. Construct Septic Tank Watertight.
- B. Conform to applicable Washington Department of Health, and Local Regulations for Work pertaining to this section.
- C. FRP tank manufacturer shall be in the business of manufacturing tanks to UL 1316 standards.

1.04 SUBMITTALS

- A. Contractor shall submit to the Owner 2 copies of shop Drawings for each tank and 2 copies of manufacturer's literature.

PART 2 - PRODUCTS

2.01 MATERIALS

- A. Cast Iron Pipe and Fittings.
 - 1. Neoprene ring gasket connections for sewer pipe to steel septic tank.
- B. Fiberglass Reinforced Plastic (FRP) Tanks.
 - 1. Acceptable Manufacturers: Xerxes Corporation, Minneapolis, MN, or approved equivalent.
 - 2. Manufacturer shall be able to provide documentation that the tank shell has been built to the applicable requirements of Underwriters Laboratories Standard UL 1316.
 - 3. Tank shall be manufactured of 100 percent resin and glass-fiber reinforcement, with no sand fillers and no exposed glass fibers.
 - 4. Tank openings for inspection and for installation of effluent-filter chamber shall be constructed of FRP.
 - 5. Product Storage: Tank shall be vented to atmospheric pressure as the tank is not designed as a pressure vessel.
 - 6. Loading Condition: Tank shall meet the following design criteria:
 - a. Internal Load: Tank shall be designed to withstand a 5 psig air-pressure test (3 psig for a 12 foot tank) with a 5:1 safety factor.
 - b. Surface Loads: Tank shall withstand surface H-20 axle loads when properly installed according to manufacturer's current installation instructions.
 - c. External Hydrostatic Pressure and Burial Depth: Tank shall be capable of being buried in ground with 7 feet of overburden, the hole fully flooded and a safety factor of 5:1 against general buckling.

- d. Tank shall support accessory equipment-such as inlet and outlet piping, effluent-filter chamber, ladders and baffles, as shown on tank Drawings and when installed according to tank manufacturer's recommendations.
- 7. FRP Tank Accessories.
 - a. Piping: Schedule 40 PVC pipe shall be used for inlet and outlet piping.
- 8. Openings.
 - a. All 22 inch or 30 inch openings shall be manufactured of FRP.
 - b. Location(s) shall be shown on tank drawings.
 - c. Optional extensions shall be FRP or PVC.
- 9. Anchor Straps.
 - a. Straps shall be FRP anchor straps as supplied by tank manufacturer.
 - b. Number and location of straps shall be shown on tank Drawings.

PART 3 - EXECUTION

3.01 CONSTRUCTION

- A. Joints and Fittings.
 - 1. Attach fittings to steel tanks with ring seals and compression plates.
- B. Manholes and Covers.
 - 1. Provide each compartment with a manhole. Raise manholes on tanks so that cover is flat.

3.02 INSTALLATION

- A. Installation, bedding, compaction, etc., shall be in strict compliance with the manufacturers instructions and OAR 340-71 and 73 (WAC 246-272).
- B. Excavate in accordance with applicable specifications Section 02317. Hand trim excavations for accurate placement of tank to alignment and elevations indicated. Remove all protruding roots, stones or other obstructions.
- C. All tanks shall be set level on a minimum of 3 inch thick compacted granular bedding overlying a firm uniform base. The base shall be stable and uniform in order to ensure equal bearing across the tank bottom. Installations with 30 inches or less of ground cover may require additional buoyancy considerations as described in the manufacturers instructions.
- D. Backfill around sides of tank, tamped in place and compacted to a minimum 85 percent of maximum dry density as tested in accordance with ASTM D698.
- E. A minimum cover of 12 inches is required over the tank in areas subject to occasional light wheel loads.
- F. Keep tank interior clean.
- G. Do not lay tank in water.
- H. Connect septic tank to building sewer and disposal system.
- I. Fiberglass Reinforced Plastic (RFP) Tank
 - 1. Tank shall be installed according to manufacturer's current installation instructions.
 - 2. Deadman anchors and hold-downs shall be installed per the manufacturer's instructions to prevent empty tank floatation.

3.03 FIELD QUALITY CONTROL

- A. Request inspection by COR and/or the appropriate Building Official prior to placing aggregate cover over piping.

PART 4 - MEASUREMENT AND PAYMENT

4.01 METHOD OF MEASUREMENT

A. Measurement will be of each completed Septic Tank based on size (per gallon).

4.02 BASIS OF PAYMENT

A. Payment will be at the Contract unit price for each Septic Tank including appurtenances to 5 feet outside the edge of the tank.

B. Payment will be made under:

<u>PAY ITEM</u>	<u>DESCRIPTION</u>	<u>PAY UNIT</u>
02543-1	Septic Tank	PER GALLON

END OF SECTION 02543

SECTION 02544
SEPTIC TANK DEMOLITION

PART 1 - GENERAL

1.01 SUMMARY

- A. This section specifies uncovering, pumping, demolition or removal, and backfilling existing septic tanks.
- B. Material to be excavated is unclassified.

1.02 RELATED SECTIONS

- A. 02230 - CLEARING AND GRUBBING
- B. 02310 – GRADING
- C. 02317 – EXCAVATION AND BACKFILL FOR STRUCTURES
- D. 02318 – EXCAVATION AND BACKFILL FOR UTILITIES

1.03 QUALITY CONTROL

- A. Decommissioning of septic tanks shall be in strict compliance with Washington's on-site sewage systems rules WAC 24-272-19501.
- B. Tank(s), cesspool or seepage pit shall be pumped by a licensed sewage disposal service to remove all septage.
- C. Field Quality Control: Request inspection by county Environmental Health Department prior to placing aggregate cover over piping.

PART 2 - PRODUCTS

2.01 MATERIALS

- A. General Backfill Material.
 - 1. Use select excavated material as specified in Section 02318 - Excavation and Backfill for Utilities.
- B. Decommissioned Tank Backfill.
 - 1. Tank(s), cesspool or seepage pit shall be pumped by a licensed sewage disposal service to remove all septage.

PART 3 - EXECUTION

3.01 SOD REMOVAL AND PRESERVATION

- A. Meet the requirements of Section 02230 - Clearing and Grubbing.

3.02 EXCAVATION AND BACKFILL

- A. Meet the requirements of Section 02318 - Excavation and Backfill for Utilities - (Class ____ backfill) (backfill class as shown on the Drawings).

3.03 PUMPING OF SEPTIC TANKS AND DISPOSAL OF WASTE

- A. Pump septic tanks prior to tank demolition or removal, using a commercial firm possessing a valid license for such work. Dispose of wastes at a State approved disposal site.

3.04 DEMOLITION OR REMOVAL OF TANKS

- A. Demolition of Tanks.
 - 1. Open top of tank sufficiently to allow complete backfilling of the tank interior. Break a minimum of one hole, 6 inches in least dimension, in the bottom of each compartment

of the tank prior to backfilling. Remove any portion of the tank within 24 inches of the finish grade.

B. Removal of Tanks.

- 1. Remove tank from the site for disposal and backfill excavated area. Remove tanks from the project site within 8 hours after removal from original position.

C. Disposal of Tanks or Parts of Tanks.

- 1. Use State approved disposal site.

PART 4 - MEASUREMENT AND PAYMENT

4.01 METHOD OF MEASUREMENT

- A. Measurement will be of each septic tank pumped, demolished or removed, and backfilled.

4.02 BASIS OF PAYMENT

- A. Payment will be at the contract unit price for each tank demolished or removed.
- B. Payment will be made under:

<u>PAY ITEM</u>	<u>DESCRIPTION</u>	<u>PAY UNIT</u>
02544-1	Demolition or Removal	Each

END OF SECTION 02544

SECTION 02547
SUBSURFACE DISPOSAL SYSTEMS

PART 1 - GENERAL

1.01 SUMMARY

- A. This section specifies construction and installation of subsurface disposal systems. Meet the requirements of State or Local regulations.

1.02 RELATED SECTIONS

- A. 02080 - Utility Materials.
- B. 02230 - Clearing and Grubbing.
- C. 02318 - Excavation and Backfill for Utilities.

PART 2 - PRODUCTS

2.01 MATERIALS

- A. Untreated Building Paper.
 - 1. Commercially available untreated building paper.
- B. Filter Fabric.
 - 1. Non-woven, polypropylene, 4 ounces per square yard minimum, 15 mils thickness, openings No. 70 sieve size or smaller, meet AASHTO M288.

PART 3 - EXECUTION

3.01 PREPARATION

- A. Clearing and Grubbing.
 - 1. The clearing limits are 5 feet each side of the drain pipe.
- B. Excavation.
 - 1. Do not excavate when soil is wet enough to smear or compact easily. Rake trench bottom and sides and remove loose material before gravel backfill is placed. Protect open trenches from surface runoff of silts and debris. Do not compact bottom by walking in trench.

3.02 PIPE INSTALLATION

- A. Keep all surfaces of perforated pipe clean and separated from walls of excavated areas.
- B. Do not lay pipe in water. Pump any water from the excavated area, when encountered.
- C. Install pipe level with perforations down.
- D. Firmly connect bell and spigot pipe section ends. Install couplings as recommended by manufacturer.
- E. Do not compact backfill over drain rock.

PART 4 - MEASUREMENT AND PAYMENT

4.01 METHOD OF MEASUREMENT

- A. Measurement will be linear feet of completed installation/repair.

4.02 BASIS OF PAYMENT

- A. Payment will be at the contract unit price for each linear foot of completed installation/repair.
- B. Payment will be made under:

<u>PAY ITEM</u>	<u>DESCRIPTION</u>	<u>PAY UNIT</u>
02547-1	Subsurface Disposal System	Linear foot

END OF SECTION 02547



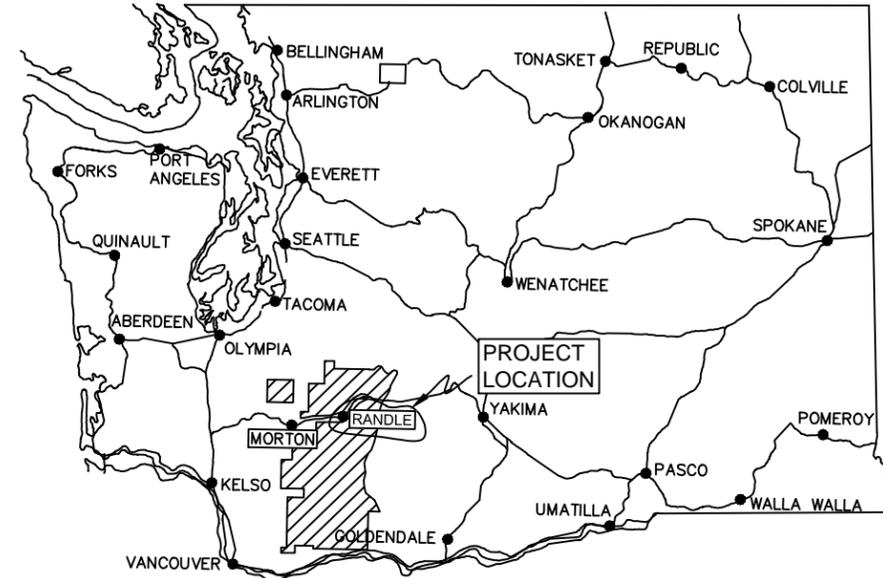
**UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE - REGION SIX
GIFFORD PINCHOT NATIONAL FOREST
COWLITZ VALLEY RANGER DISTRICT**



**DRAWINGS FOR PROPOSED
CVRD SEPTIC REPAIRS**



SITE MAP



LOCATION MAP

NOT TO SCALE

DRAWINGS SHEET NO.
TITLE SHEET.....1 OF 2
PROJECT MAP.....2 OF 2

DESIGNED BY: _____ DATE _____
DESIGNER, ROB JETER

RECOMMENDED BY: _____ DATE _____
DISTRICT ENGINEER, SARAH ROCKEY

RECOMMENDED BY: _____ DATE _____
DISTRICT RANGER, GAR ABBAS

RECOMMENDED BY: _____ DATE _____
ASSISTANT FOREST ENGINEER, ELWOOD STARR

APPROVED BY: _____ DATE _____
FOREST ENGINEER, BOB VARNER

APPROVED:
FOREST ENGINEER

DATE

SHEET 1 OF 8

U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE
THE PACIFIC NORTHWEST REGION (R-6)
GIFFORD PINCHOT NATIONAL FOREST



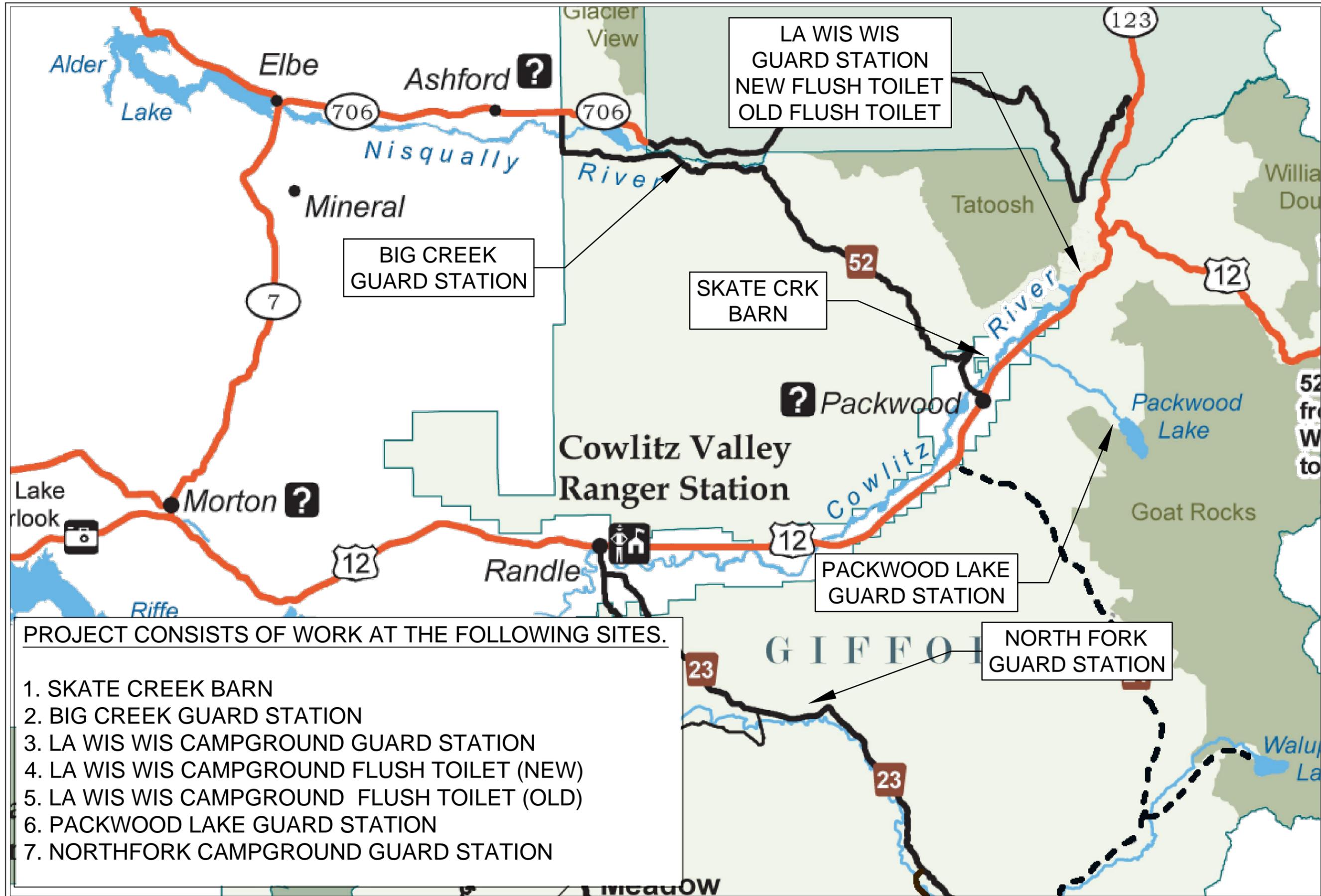
COWLITZ VALLEY RANGER DISTRICT
CVRD SEPTIC REPAIRS

TITLE SHEET

DO NOT SCALE DRAWING

Forest: GIFFORD-PINCHOT
Location: COWLITZ VALLEY RANGER DISTRICT
Drawn: R. JETER

Date: _____
Checked: _____



APPROVED: FOREST ENGINEER _____ DATE _____ SHEET 2 OF 2	
U.S. DEPARTMENT OF AGRICULTURE FOREST SERVICE THE PACIFIC NORTHWEST REGION (R-6) GIFFORD PINCHOT NATIONAL FOREST	
COWLITZ VALLEY RANGER DISTRICT CVRD SEPTIC REPAIRS	PROJECT MAP
DO NOT SCALE DRAWING Forest: GIFFORD-PINCHOT Location: COWLITZ-VALLEY-RANGER-STATION Designer: R. JETER Checked: _____ 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 #:

General Decision Number: WA140032 07/25/2014 WA32

Superseded General Decision Number: WA20130032

State: Washington

Construction Type: Building

County: Clark County in Washington.

BUILDING CONSTRUCTION PROJECTS (does not include single family homes or apartments up to and including 4 stories).

Modification Number	Publication Date
0	01/03/2014
1	01/17/2014
2	01/24/2014
3	02/07/2014
4	03/28/2014
5	04/18/2014
6	04/25/2014
7	06/06/2014
8	07/11/2014
9	07/18/2014
10	07/25/2014

ASBE0036-004 12/30/2013

	Rates	Fringes
ASBESTOS WORKER/HEAT & FROST INSULATOR.....	\$ 40.67	17.00

* BRWA0001-008 06/01/2014

	Rates	Fringes
BRICKLAYER.....	\$ 30.51	12.66

CARP0003-010 10/01/2011

	Rates	Fringes
Carpenters: Including Cabinet Installation, Drywall Hanging and Form Work.....	\$ 32.04	14.18

Zone Differential (Add to Zone 1 rates):

- Zone 2 - \$0.85
- Zone 3 - 1.25
- Zone 4 - 1.70
- Zone 5 - 2.00
- Zone 6 - 3.00

BASEPOINTS: GOLDENDALE, LONGVIEW, AND VANCOUVER

ZONE 1: Projects located within 30 miles of the respective city hall of the above mentioned cities

ZONE 2: Projects located more than 30 miles and less than 40 miles of the respective city of the above mentioned cities

ZONE 3: Projects located more than 40 miles and less than 50 miles of the respective city of the above mentioned cities

ZONE 4: Projects located more than 50 miles and less than 60 miles of the respective city of the above mentioned cities.

ZONE 5: Projects located more than 60 miles and less than 70 miles of the respective city of the above mentioned cities

ZONE 6: Projects located more than 70 miles of the respected city of the above mentioned cities

* ELEC0048-002 01/01/2014

	Rates	Fringes
ELECTRICIAN.....	\$ 38.75	19.11

HOURLY ZONE PAY:

Hourly Zone Pay shall be paid on jobs located outside of the free zone computed from the city center of the following listed cities:

Portland, The Dalles, Hood River, Tillamook, Seaside and Astoria

Zone Pay:

Zone 1: 31-50 miles \$1.50/hour
Zone 2: 51-70 miles \$3.50/hour
Zone 3: 71-90 miles \$5.50/hour
Zone 4: Beyond 90 miles \$9.00/hour

*These are not miles driven. Zones are based on Delorme Street Atlas USA 2006 plus.

ELEC0048-012 01/01/2014

	Rates	Fringes
ELECTRICIAN		
Low Voltage Wiring Only.....	\$ 29.75	15.56
Sound Equipment		
Installation Only.....	\$ 23.50	14.56

ENGI0701-009 01/01/2014

	Rates	Fringes
--	-------	---------

Power equipment operators:

GROUP 1.....	\$ 38.25	13.70
GROUP 1A.....	\$ 40.16	13.70
GROUP 1B.....	\$ 42.08	13.70
GROUP 2.....	\$ 36.56	13.70
GROUP 3.....	\$ 35.54	13.70
GROUP 4.....	\$ 34.56	13.70
GROUP 5.....	\$ 33.43	13.70
GROUP 6.....	\$ 30.34	13.70

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: LATTICE BOOM CRANE: Operator 200 tons through 299 tons, and/or over 200 feet boom; HYDRAULIC CRANE: Hydraulic Crane Operator 90 tons through 199 tons with luffing or tower attachments

GROUP 1A: HYDRAULIC CRANE: Hydraulic Operator, 200 tons and over (with luffing or tower attachment); LATTICE BOOM CRANE: Operator, 200 tons through 299 tons, with over 200 feet boom

GROUP 1B: LATTICE BOOM CRANE: Operator, 300 tons through 399 tons with over 200 feet boom; Operator 400 tons and over

GROUP 2: BULLDOZERS: Bulldozer operator over 120,000 lbs and above; Bulldozer operator, twin engine; Bulldozer Operator,tandem, quadnine, D10, D11, and similar type; HYDRAULIC CRANE: Hydraulic crane operator 90 tons through 199 tons (without luffing or tower attachment); LATTICE BOOM CRANE: 90 through 199 tons and/or 150 to 200 feet boom; Operator, 30 tons but less than 150 tons; LOADERS: Loader operator, 120,000 lbs. and above; HYDRAULIC HOES-EXCAVATOR: Excavator over 130,000 lbs.; HYDRAULIC CRANE: Hydraulic crane operator, 50 tons through 89 tons (with luffing or tower attachment)

GROUP 3: BULLDOZERS: Bulldozer operator, over 70,000 lbs. up to and including 120,000 lbs.; HYDRAULIC CRANE: Hydraulic crane operator, 50 tons through 89 tons (without luffing or tower attachment); LATTICE BOOM CRANES: Lattice Boom Crane-50 through 89 tons (and less than 150 feet boom); HYDRAULIC HOES-EXCAVATOR: excavator over 80,000 lbs. through 130,000 lbs.; LOADERS: Loader operator 60,000 and less than 120,000

GROUP 4: BULLDOZERS: Bulldozer Operator over 20,000 lbs and more than 100 horse up to 70,000 lbs; CRANE: Hydraulic Crane Operator, under 50 tons; LATTICE BOOM CRANE OPERATOR: Lattice Boom Crane Operator, under 50 tons; HYDRAULIC HOES EXCAVATOR: Robotic Hydraulic backhoe operator, track and wheel type up to and including 20,000 lbs. with any or all attachments; Excavator Operator over 20,000 lbs through 80,000 lbs.; LOADERS: Loaders Operator, front end and overhead, 25,000 lbs and less than 60,000 lbs; Rubber-tired dozers; Forklift-over 5 tons; Grader/Blade; DRILLING: Drill

Operator over 20,000 lbs pullback; Scraper

GROUP 5: Roller Operator; BULLDOZERS: Bulldozer operator, 20,000 lbs. or less or 100 horse or less; HYDRAULIC HOES EXCAVATORS: Hydraulic Backhoe Operator, wheel type (Ford, John Deere, Case type); Hydraulic Backhoe Operator track type up to and including 20,000 lbs.; LOADERS: Loaders, rubber-tired type, less than 25,000 lbs; Compactor; DRILLING; Churm Drill and Earth Boring Machine Operator; Directional Drill Operator less than 20,000 lbs pullback

GROUP 6: CRANE: Oiler; LOADERS: (less than 1 cu yd.); Forklift

Zone Differential (add to Zone 1 rates):

Zone 2 - \$2.50

Zone 3 - \$5.00

For the following metropolitan counties: MULTNOMAH; CLACKAMAS; MARION; WASHINGTON; YAMHILL; AND COLUMBIA; CLARK; AND COWLITZ COUNTY, WASHINGTON WITH MODIFICATIONS AS INDICATED:

All jobs or projects located in Multnomah, Clackamas and Marion Counties, West of the western boundary of Mt. Hood National Forest and West of Mile Post 30 on Interstate 84 and West of Mile Post 30 on State Highway 26 and West of Mile Post 30 on Highway 22 and all jobs or projects located in Yamhill County, Washington County and Columbia County and all jobs or projects located in Clark & Cowlitz County, Washington except that portion of Cowlitz County in the Mt. St. Helens "Blast Zone" shall receive Zone I pay for all classifications.

All jobs or projects located in the area outside the identified boundary above, but less than 50 miles from the Portland City Hall shall receive Zone II pay for all classifications.

All jobs or projects located more than 50 miles from the Portland City Hall, but outside the identified border above, shall receive Zone III pay for all classifications.

For the following cities: ALBANY; BEND; COOS BAY; EUGENE; GRANTS PASS; KLAMATH FALLS; MEDFORD; ROSEBURG

All jobs or projects located within 30 miles of the respective city hall of the above mentioned cities shall receive Zone I pay for all classifications.

All jobs or projects located more than 30 miles and less than 50 miles from the respective city hall of the above mentioned cities shall receive Zone II pay for all classifications.

All jobs or projects located more than 50 miles from the respective city hall of the above mentioned cities shall

receive Zone III pay for all classifications.

IRON0029-006 07/01/2013

	Rates	Fringes
IRONWORKER		
Reinforcing and Ornamental..	\$ 34.12	21.35

LABO0335-011 09/01/2013

	Rates	Fringes
LABORER (Mason Tender-Brick, Cement/Concrete).....	\$ 30.47	10.05

LABO0335-013 06/01/2012

	Rates	Fringes
Laborers:		
ZONE 1:		
GROUP 1.....	\$ 28.24	9.70
GROUP 2.....	\$ 28.84	9.70
GROUP 3.....	\$ 29.28	9.70
GROUP 4.....	\$ 29.66	9.70
GROUP 5.....	\$ 25.74	9.70

LABORERS CLASSIFICATIONS

- GROUP 1: Form-Stripping
- GROUP 2: Gunite; Chipping Guns
- GROUP 3: Concrete Saw; Vibrating Plate
- GROUP 4: Grade Checker
- GROUP 5: Flaggers

ZONE DIFFERENTIAL (Add to Zone Rates): ZONE 2 - \$0.65
ZONE 3 - 1.15
ZONE 4 - 1.70
ZONE 5 - 2.75

- ZONE 1: Projects within 30 miles of the respective city hall.
- ZONE 2: More than 30 miles but less than 40 miles from the respective city hall.
- ZONE 3: More than 40 miles but less than 50 miles from the respective city hall.
- ZONE 4: More than 50 miles but less than 80 miles from the respective city hall.

ZONE 5: More than 80 miles from the respective city hall.

BASE POINTS: GOLDENDALE, LONGVIEW, AND VANCOUVER

PAIN0055-010 07/01/2014

	Rates	Fringes
Painters:		
Brush, Roller and Prep.....	\$ 21.67	9.40
Spray.....	\$ 22.27	9.40

PAIN0055-011 07/01/2008

	Rates	Fringes
DRYWALL FINISHER/TAPER.....	\$ 31.86	11.28

PAIN0740-003 01/01/2013

	Rates	Fringes
GLAZIER.....	\$ 35.80	13.89

PAIN1236-005 07/01/2014

	Rates	Fringes
SOFT FLOOR LAYER (Including Vinyl and Carpet).....	\$ 27.78	12.81

PAIN1236-006 07/01/2014

	Rates	Fringes
FLOOR LAYER: Hardwood Floors....	\$ 27.78	12.81

PLAS0555-005 06/01/2014

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 29.98	17.76

Zone Differential (Add To Zone 1 Rates):
Zone 2 - \$0.65
Zone 3 - 1.15
Zone 4 - 1.70
Zone 5 - 3.00

BASE POINTS: BEND, CORVALLIS, EUGENE, MEDFORD, PORTLAND, SALEM, THE DALLES, VANCOUVER

ZONE 1: Projects within 30 miles of the respective city hall
ZONE 2: More than 30 miles but less than 40 miles from the respective city hall.

ZONE 3: More than 40 miles but less than 50 miles from the respective city hall.

ZONE 4: More than 50 miles but less than 80 miles from the respective city hall.

ZONE 5: More than 80 miles from the respective city hall

ROOF0049-003 07/01/2014

	Rates	Fringes
ROOFER (Includes Roof Tear Off, Waterproofing, and Installation of Metal Roofs).....	\$ 28.03	12.74

SUWA2009-020 05/22/2009

	Rates	Fringes
IRONWORKER, STRUCTURAL.....	\$ 21.60	3.46
LABORER: Common or General.....	\$ 19.73	4.63
LABORER: Handheld Drill.....	\$ 17.17	5.36
LABORER: Irrigation.....	\$ 11.58	0.00
LABORER: Landscape.....	\$ 11.08	0.00
LABORER: Pipelayer.....	\$ 13.00	3.11
OPERATOR: Backhoe.....	\$ 23.57	8.61
OPERATOR: Bobcat/Skid Steer/Skid Loader.....	\$ 22.05	7.35
OPERATOR: Concrete Pumper.....	\$ 22.30	5.27
OPERATOR: Excavator.....	\$ 25.02	5.43
OPERATOR: Mechanic.....	\$ 24.33	4.33
OPERATOR: Oiler.....	\$ 23.76	8.71
OPERATOR: Roller.....	\$ 19.08	0.00
OPERATOR: Screed.....	\$ 19.08	0.00
PIPEFITTER.....	\$ 24.00	4.95
PLUMBER.....	\$ 24.61	6.93
SHEET METAL WORKER (HVAC Duct Installation Only).....	\$ 17.00	3.12
SHEET METAL WORKER, Excludes HVAC Duct Installation.....	\$ 26.03	14.66

TILE SETTER.....	\$ 25.51	0.00
TRUCK DRIVER: Dump Truck.....	\$ 11.87	0.00
TRUCK DRIVER: Semi-Trailer Truck.....	\$ 20.59	5.56

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is union or non-union.

Union Identifiers

An identifier enclosed in dotted lines beginning with characters other than "SU" denotes that the union classification and rate have found to be prevailing for that classification. Example: PLUM0198-005 07/01/2011. The first four letters , PLUM, indicate the international union and the four-digit number, 0198, that follows indicates the local union number or district council number where applicable , i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. The date, 07/01/2011, following these characters is the effective date of the most current negotiated rate/collective bargaining agreement which would be July 1, 2011 in the above example.

Union prevailing wage rates will be updated to reflect any changes in the collective bargaining agreements governing the rates.

0000/9999: weighted union wage rates will be published annually each January.

Non-Union Identifiers

Classifications listed under an "SU" identifier were derived from survey data by computing average rates and are not union rates; however, the data used in computing these rates may include both union and non-union data. Example: SULA2004-007 5/13/2010. SU indicates the rates are not union majority rates, LA indicates the State of Louisiana; 2004 is the year of the survey; and 007 is an internal number used in producing the wage determination. A 1993 or later date, 5/13/2010, indicates the classifications and rates under that identifier were issued as a General Wage Determination on that date.

Survey wage rates will remain in effect and will not change until a new survey is conducted.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

=====

END OF GENERAL DECISION

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 Phone

Home Phone

Forest Service Inspector(s)

Name

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:

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
<hr/>	<hr/>	<hr/>
<hr/>	<hr/>	<hr/>

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.

Fires shall be reported to one of the following Forest Service employees:

Name	Address or Location	Office Phone	Home Phone
<hr/>	<hr/>	<hr/>	<hr/>
<hr/>	<hr/>	<hr/>	<hr/>
<hr/>	<hr/>	<hr/>	<hr/>
<hr/>	<hr/>	<hr/>	<hr/>

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

USDA FOREST SERVICE
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 "0" 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 "0" 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.
A heavy duty truck, such as a dump or log truck, or other vehicle used for
- (3) 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 sent to the Contractor, the revised Industrial Fire Precaution Levels will supersede the attached levels

INDUSTRIAL FIRE PRECAUTIONS SCHEDULE

INDUSTRIAL FIRE PRECAUTION (IFPL)

LEVEL

- 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 "0" 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 1 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.