

Lewis County
Department of Public Works
Airport Division

**CONTRACT
PROVISIONS AND PLANS
FOR CONSTRUCTION OF:**

**SOUTH LEWIS COUNTY AIRPORT
FOR
PHASE 1 IMPROVEMENTS - NEW ABOVE GROUND AVGAS (100LL)
FUELING SYSTEM**

July 2023

Lewis County Public Works
57 W. Main St.
Chehalis, WA 98532-2626

Approved for Construction:


Assistant County Engineer

06/30/2023
Date



6/30/2023

BOARD OF COUNTY COMMISSIONERS

Sean Swope, District No. 1
Lindsey R. Pollock, DVM, District No. 2
Scott J. Brunner, District No. 3

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INTRODUCTION

(Lewis County)

The following Special Provisions are made a part of this contract and supersede any conflicting provisions of the 2022 Standard Specifications for Road, Bridge, and Municipal Construction.

The said Standard Specifications thereto, the WSDOT Standard Plans, and WSDOT Construction Manual, together with the Special Provisions and the attached plans hereinafter contained, covering all work specified under this contract are incorporated and hereby made a part of this contract. The Special Provisions hereinafter contained shall supersede any conflicting provisions of the Standard Specifications thereto, the WSDOT Standard Plans, and WSDOT Construction Manual.

Several types of Special Provisions are included in this contract; General, Region, Bridges and Structures, and Project Specific. Special Provisions types are differentiated as follows:

(date)	General Special Provision
(Lewis County)	Lewis County Special Provision
(*****)	Notes a revision to a General Special Provision and also notes a Project Specific Special Provision.
(APWA GSP)	American Public Works Association General Special Provision

General Special Provisions are similar to Standard Specifications in that they typically apply to many projects, usually in more than one Region. Usually, the only difference from one project to another is the inclusion of variable project data, inserted as a “fill-in”.

Project Specific Special Provisions normally appear only in the contract for which they were developed.

The following paragraph pertaining to the Standard Specifications shall obtain and be made a part of this contract:

Wherever the word “State” or “Contracting Agency” is used it shall mean Lewis County; that wherever the words “Secretary (Secretary of Transportation)” are used they shall mean Lewis County Engineer; that wherever the words “State Treasurer” are used they shall mean Lewis County Treasurer; that wherever the words “State Auditor” are used they shall mean Lewis County Auditor; that wherever the words “Motor Vehicle Fund” are used they shall mean Lewis County Road Fund.

SPECIAL PROVISIONS

DIVISION 1

GENERAL REQUIREMENTS

1-01, DESCRIPTION OF WORK

(March 13, 1995)

This contract provides for the procurement and manufacturing of a “Turn Key” package of *** **South Lewis County Airport – Phase 1 Improvements – New Above Ground Avgas (100LL) Fueling System** *** consisting of a fully assembled fuel tank and pumping system with fueling platform pre-wired to a common point, and shall include hauling, installation, and commissioning at the South Lewis County Airport located at 5239 Jackson Highway, Toledo, WA in Lewis County, and other related work, all in accordance with the attached Contract Plans, these Contract Provisions, and the Standard Specifications.

1-01.3 Definitions

(January 19, 2022 APWA GSP)

Delete the heading **Completion Dates** and the three paragraphs that follow it, and replace them with the following:

Dates

Bid Opening Date

The date on which the Contracting Agency publicly opens and reads the Bids.

Award Date

The date of the formal decision of the Contracting Agency to accept the lowest responsible and responsive Bidder for the Work.

Contract Execution Date

The date the Contracting Agency officially binds the Agency to the Contract.

Notice to Proceed Date

The date stated in the Notice to Proceed on which the Contract time begins.

Substantial Completion Date

The day the Engineer determines the Contracting Agency has full and unrestricted use and benefit of the facilities, both from the operational and safety standpoint, any remaining traffic disruptions will be rare and brief, and only minor incidental work, replacement of temporary substitute facilities, plant establishment periods, or correction or repair remains for the Physical Completion of the total Contract.

Physical Completion Date

The day all of the Work is physically completed on the project. All documentation required by the Contract and required by law does not necessarily need to be furnished by the Contractor by this date.

Completion Date

The day all the Work specified in the Contract is completed and all the obligations of the Contractor under the contract are fulfilled by the Contractor. All documentation required by

the Contract and required by law must be furnished by the Contractor before establishment of this date.

Final Acceptance Date

The date on which the Contracting Agency accepts the Work as complete.

Supplement this Section with the following:

All references in the Standard Specifications or WSDOT General Special Provisions, to the terms "Department of Transportation", "Washington State Transportation Commission", "Commission", "Secretary of Transportation", "Secretary", "Headquarters", and "State Treasurer" shall be revised to read "Contracting Agency".

All references to the terms "State" or "state" shall be revised to read "Contracting Agency" unless the reference is to an administrative agency of the State of Washington, a State statute or regulation, or the context reasonably indicates otherwise.

All references to "State Materials Laboratory" shall be revised to read "Contracting Agency designated location".

All references to "final contract voucher certification" shall be interpreted to mean the Contracting Agency form(s) by which final payment is authorized, and final completion and acceptance granted.

Additive

A supplemental unit of work or group of bid items, identified separately in the Bid Proposal, which may, at the discretion of the Contracting Agency, be awarded in addition to the base bid.

Alternate

One of two or more units of work or groups of bid items, identified separately in the Bid Proposal, from which the Contracting Agency may make a choice between different methods or material of construction for performing the same work.

Business Day

A business day is any day from Monday through Friday except holidays as listed in Section 1-08.5.

Contract Bond

The definition in the Standard Specifications for "Contract Bond" applies to whatever bond form(s) are required by the Contract Documents, which may be a combination of a Payment Bond and a Performance Bond.

Contract Documents

See definition for "Contract".

Contract Time

The period of time established by the terms and conditions of the Contract within which the Work must be physically completed.

1 **Notice of Award**

2 The written notice from the Contracting Agency to the successful Bidder signifying the
3 Contracting Agency's acceptance of the Bid Proposal.
4

5 **Notice to Proceed**

6 The written notice from the Contracting Agency or Engineer to the Contractor authorizing and
7 directing the Contractor to proceed with the Work and establishing the date on which the Contract
8 time begins.
9

10 **Traffic**

11 Both vehicular and non-vehicular traffic, such as pedestrians, bicyclists, wheelchairs, and
12 equestrian traffic.
13

14 **1-02, BID PROCEDURES AND CONDITIONS**

15
16 **1-02.1 Prequalification of Contractor**

17
18 Delete this Section and replace it with the following:
19

20 **1-02.1 Qualifications of Bidder**

21 *(January 24, 2011 APWA GSP)*
22

23 Before award of a public works contract, a bidder must meet at least the minimum qualifications
24 of RCW 39.04.350(1) to be considered a responsible bidder and qualified to be awarded a public
25 works project.
26

27 **1-02.2 Plans and Specifications**

28 (Lewis County)
29

30 The first paragraph of section 1-02.2 is revised to read:
31

32 Copies of the specifications are on file in the office of:
33

34 Lewis County Public Works Department
35 57 W. Main St.
36 Chehalis, Washington 98532
37 (360) 740-1123 Ext. 7
38

39 The second paragraph of section 1-02.2 is revised to read:
40

41 Prospective Contractor may obtain the specifications from Lewis County Public Works
42 Department in Chehalis, Washington or download from Lewis County Website at
43 www.lewiscountywa.gov.
44

45 **1-02.6 Preparation of Proposal**

46 (August 2, 2004)
47

48 The fifth and sixth paragraphs of Section 1-02.6 are deleted.
49
50

1 **1-02.9 Delivery of Proposal**
2 *(January 19, 2022 APWA GSP, Option A)*

3
4 Delete this section and replace it with the following:

5
6 Each Proposal shall be submitted in a sealed envelope, with the Project Name and Project
7 Number as stated in the Call for Bids clearly marked on the outside of the envelope, or as
8 otherwise required in the Bid Documents, to ensure proper handling and delivery.

9
10 To be considered responsive on a FHWA-funded project, the Bidder may be required to submit
11 the following items, as required by Section 1-02.6:

- 12
13
 - DBE Utilization Certification (WSDOT 272-056)
 - 14 • DBE Written Confirmation Document (WSDOT 422-031) from each DBE firm listed on
 - 15 the Bidder's completed DBE Utilization Certification
 - 16 • Good Faith Effort (GFE) Documentation
 - 17 • DBE Bid Item Breakdown (WSDOT 272-054)
 - 18 • DBE Trucking Credit Form (WSDOT 272-058)

19
20 **DBE Utilization Certification**

21 The DBE Utilization Certification shall be received at the same location and no later than the time
22 required for delivery of the Proposal. The Contracting Agency will not open or consider any
23 Proposal when the DBE Utilization Certification is received after the time specified for receipt of
24 Proposals or received in a location other than that specified for receipt of Proposals. The DBE
25 Utilization Certification may be submitted in the same envelope as the Bid deposit.

26
27 **DBE Written Confirmation and/or GFE Documentation**

28 The DBE Written Confirmation Documents and/or GFE Documents are not required to be
29 submitted with the Proposal. The DBE Written Confirmation Document(s) and/or GFE (if any)
30 shall be received either with the Bid Proposal or as a Supplement to the Bid. The documents
31 shall be received no later than 48 hours (not including Saturdays, Sundays and Holidays) after
32 the time for delivery of the Proposal. To be considered responsive, Bidders shall submit Written
33 Confirmation Documentation from each DBE firm listed on the Bidder's completed DBE
34 Utilization Certification and/or the GFE as required by Section 1-02.6.

35
36 **DBE Bid Item Breakdown and DBE Trucking Credit Form**

37 The DBE Bid Item Breakdown and the DBE Trucking Credit Forms (if applicable) shall be
38 received either with the Bid Proposal or as a Supplement to the Bid. The documents shall be
39 received no later than 48 hours (not including Saturdays, Sundays and Holidays) after the time
40 for delivery of the Proposal. To be considered responsive, Bidders shall submit a completed DBE
41 Bid Item Breakdown and a DBE Trucking Credit Form for each DBE Trucking firm listed on the
42 DBE Utilization Certification, however, minor errors and corrections to DBE Bid Item Breakdown
43 or DBE Trucking Credit Forms will be returned for correction for a period up to five calendar days
44 (not including Saturdays, Sundays and Holidays) after the time for delivery of the Proposal. A
45 DBE Bid Item Breakdown or DBE Trucking Credit Forms that are still incorrect after the correction
46 period will be determined to be non-responsive.

47
48 Proposals that are received as required will be publicly opened and read as specified in Section
49 1-02.12. The Contracting Agency will not open or consider any Bid Proposal that is received after
50 the time specified in the Call for Bids for receipt of Bid Proposals or received in a location other

than that specified in the Call for Bids. The Contracting Agency will not open or consider any "Supplemental Information" (DBE confirmations, or GFE documentation) that is received after the time specified above or received in a location other than that specified in the Call for Bids.

If an emergency or unanticipated event interrupts normal work processes of the Contracting Agency so that Proposals cannot be received at the office designated for receipt of bids as specified in Section 1-02.12 the time specified for receipt of the Proposal will be deemed to be extended to the same time of day specified in the solicitation on the first workday on which the normal work processes of the Contracting Agency resume.

1-02.12 Public Opening of Proposal

(*****)

Section 1-02.12 is supplemented with the following:

Date and Time of Bid Opening

The Board of County Commissioners of Lewis County or designee will open sealed proposals and publicly read them aloud on or after 12:15 p.m. on Thursday, **July 27, 2023**, at the Lewis County Courthouse, Chehalis, Washington, for **Phase 1 Improvements – New Above Ground Avgas (100LL) Fueling System**, South Lewis County Airport.

SEALED BIDS MUST BE DELIVERED BY OR BEFORE 12:15 P.M. on Thursday, July 27, 2023

(Lewis County official time is displayed on Axxess Intertel phones in the office of the Board of County Commissioners. Bids submitted after 12:15 PM will not be considered for this project.)

Delivery and Marking of Sealed Bid Proposals

Sealed proposals must be delivered to the Clerk of the Board of Lewis County Commissioners (351 N.W. North Street, Room 210, CMS-01, Chehalis, Washington 98532) by or before **12:15 p.m.** on the date specified for opening, and in an envelope clearly marked: **"SEALED BID FOR SOUTH LEWIS COUNTY AIRPORT – PHASE 1 IMPROVEMENTS –NEW ABOVE GROUND AVGAS (100LL) FUELING SYSTEM" TO BE OPENED ON OR AFTER 12:15 P.M. ON THURSDAY, JULY 27, 2023.**

1-02.13 Irregular Proposals

(December 30, 2022, APWA GSP)

Delete this section and replace it with the following:

1. A Proposal will be considered irregular and will be rejected if:
 - a. The Bidder is not prequalified when so required;
 - b. The authorized Proposal form furnished by the Contracting Agency is not used or is altered;
 - c. The completed Proposal form contains any unauthorized additions, deletions, alternate Bids, or conditions;
 - d. The Bidder adds provisions reserving the right to reject or accept the award, or enter into the Contract;
 - e. A price per unit cannot be determined from the Bid Proposal;
 - f. The Proposal form is not properly executed;
 - g. The Bidder fails to submit or properly complete a subcontractor list (WSDOT Form 271-015), if applicable, as required in Section 1-02.6;

- h. The Bidder fails to submit or properly complete a Disadvantaged Business Enterprise Certification (WSDOT Form 272-056), if applicable, as required in Section 1-02.6;
- i. The Bidder fails to submit Written Confirmations (WSDOT Form 422-031) from each DBE firm listed on the Bidder's completed DBE Utilization Certification that they are in agreement with the bidder's DBE participation commitment, if applicable, as required in Section 1-02.6, or if the written confirmation that is submitted fails to meet the requirements of the Special Provisions;
- j. The Bidder fails to submit DBE Good Faith Effort documentation, if applicable, as required in Section 1-02.6, or if the documentation that is submitted fails to demonstrate that a Good Faith Effort to meet the Condition of Award was made;
- k. The Bidder fails to submit a DBE Bid Item Breakdown (WSDOT Form 272-054), if applicable, as required in Section 1-02.6, or if the documentation that is submitted fails to meet the requirements of the Special Provisions;
- l. The Bidder fails to submit DBE Trucking Credit Forms (WSDOT Form 272-058), if applicable, as required in Section 1-02.6, or if the documentation that is submitted fails to meet the requirements of the Special Provisions;
- m. The Bid Proposal does not constitute a definite and unqualified offer to meet the material terms of the Bid invitation; or
- n. More than one Proposal is submitted for the same project from a Bidder under the same or different names.

2. A Proposal may be considered irregular and may be rejected if:

- a. The Proposal does not include a unit price for every Bid item;
- b. Any of the unit prices are excessively unbalanced (either above or below the amount of a reasonable Bid) to the potential detriment of the Contracting Agency;
- c. Receipt of Addenda is not acknowledged;
- d. A member of a joint venture or partnership and the joint venture or partnership submit Proposals for the same project (in such an instance, both Bids may be rejected); or
- e. If Proposal form entries are not made in ink.

1-02.14 Disqualification of Contractor
(May 17, 2018 APWA GSP, Option B)

Delete this section and replace it with the following:

A Bidder will be deemed not responsible if the Bidder does not meet the mandatory bidder responsibility criteria in RCW 39.04.350(1), as amended; or does not meet Supplemental Criteria 1-7 listed in this Section.

The Contracting Agency will verify that the Bidder meets the mandatory bidder responsibility criteria in RCW 39.04.350(1), and Supplemental Criteria 1-2. Evidence that the Bidder meets Supplemental Criteria 3-7 shall be provided by the Bidder as stated later in this Section.

1. Delinquent State Taxes

- A. Criterion: The Bidder shall not owe delinquent taxes to the Washington State Department of Revenue without a payment plan approved by the Department of Revenue.
- B. Documentation: The Bidder, if and when required as detailed below, shall sign a statement (on a form to be provided by the Contracting Agency) that the Bidder does not

owe delinquent taxes to the Washington State Department of Revenue, or if delinquent taxes are owed to the Washington State Department of Revenue, the Bidder must submit a written payment plan approved by the Department of Revenue, to the Contracting Agency by the deadline listed below.

2. **Federal Debarment**

- A. **Criterion:** The Bidder shall not currently be debarred or suspended by the Federal government.
- B. **Documentation:** The Bidder shall not be listed as having an “active exclusion” on the U.S. government’s “System for Award Management” database (www.sam.gov).

3. **Subcontractor Responsibility**

- A. **Criterion:** The Bidder’s standard subcontract form shall include the subcontractor responsibility language required by RCW 39.06.020, and the Bidder shall have an established procedure which it utilizes to validate the responsibility of each of its subcontractors. The Bidder’s subcontract form shall also include a requirement that each of its subcontractors shall have and document a similar procedure to determine whether the sub-tier subcontractors with whom it contracts are also “responsible” subcontractors as defined by RCW 39.06.020.
- B. **Documentation:** The Bidder, if and when required as detailed below, shall submit a copy of its standard subcontract form for review by the Contracting Agency, and a written description of its procedure for validating the responsibility of subcontractors with which it contracts.

4. **Claims Against Retainage and Bonds**

- A. **Criterion:** The Bidder shall not have a record of excessive claims filed against the retainage or payment bonds for public works projects in the three years prior to the bid submittal date, that demonstrate a lack of effective management by the Bidder of making timely and appropriate payments to its subcontractors, suppliers, and workers, unless there are extenuating circumstances and such circumstances are deemed acceptable to the Contracting Agency.
- B. **Documentation:** The Bidder, if and when required as detailed below, shall submit a list of the public works projects completed in the three years prior to the bid submittal date that have had claims against retainage and bonds and include for each project the following information:
- Name of project
 - The owner and contact information for the owner;
 - A list of claims filed against the retainage and/or payment bond for any of the projects listed;
 - A written explanation of the circumstances surrounding each claim and the ultimate resolution of the claim.

5. **Public Bidding Crime**

- 1 A Criterion: The Bidder and/or its owners shall not have been convicted of a crime involving
2 bidding on a public works contract in the five years prior to the bid submittal date.
3
4 B. Documentation: The Bidder, if and when required as detailed below, shall sign a
5 statement (on a form to be provided by the Contracting Agency) that the Bidder and/or its
6 owners have not been convicted of a crime involving bidding on a public works contract.
7

8 **6. Termination for Cause / Termination for Default**
9

- 10 A Criterion: The Bidder shall not have had any public works contract terminated for cause
11 or terminated for default by a government agency in the five years prior to the bid
12 submittal date, unless there are extenuating circumstances and such circumstances are
13 deemed acceptable to the Contracting Agency.
14
15 B. Documentation: The Bidder, if and when required as detailed below, shall sign a
16 statement (on a form to be provided by the Contracting Agency) that the Bidder has not
17 had any public works contract terminated for cause or terminated for default by a
18 government agency in the five years prior to the bid submittal date; or if Bidder was
19 terminated, describe the circumstances. .
20

21 **7. Lawsuits**
22

- 23 A Criterion: The Bidder shall not have lawsuits with judgments entered against the Bidder
24 in the five years prior to the bid submittal date that demonstrate a pattern of failing to meet
25 the terms of contracts, unless there are extenuating circumstances and such
26 circumstances are deemed acceptable to the Contracting Agency
27
28 B. Documentation: The Bidder, if and when required as detailed below, shall sign a
29 statement (on a form to be provided by the Contracting Agency) that the Bidder has not
30 had any lawsuits with judgments entered against the Bidder in the five years prior to the
31 bid submittal date that demonstrate a pattern of failing to meet the terms of contracts, or
32 shall submit a list of all lawsuits with judgments entered against the Bidder in the five
33 years prior to the bid submittal date, along with a written explanation of the circumstances
34 surrounding each such lawsuit. The Contracting Agency shall evaluate these
35 explanations to determine whether the lawsuits demonstrate a pattern of failing to meet
36 of terms of construction related contracts
37

38 As evidence that the Bidder meets the Supplemental Criteria stated above, the apparent low
39 Bidder must submit to the Contracting Agency by 12:00 P.M. (noon) of the second business day
40 following the bid submittal deadline, a written statement verifying that the Bidder meets the
41 supplemental criteria together with supporting documentation (sufficient in the sole judgment of
42 the Contracting Agency) demonstrating compliance with the Supplemental Criteria. The
43 Contracting Agency reserves the right to request further documentation as needed from the low
44 Bidder and documentation from other Contractor as well to assess Bidder responsibility and
45 compliance with all bidder responsibility criteria. The Contracting Agency also reserves the right
46 to obtain information from third-parties and independent sources of information concerning a
47 Bidder's compliance with the mandatory and supplemental criteria, and to use that information in
48 their evaluation. The Contracting Agency may consider mitigating factors in determining whether
49 the Bidder complies with the requirements of the supplemental criteria.
50

1 The basis for evaluation of Bidder compliance with these mandatory and supplemental criteria
2 shall include any documents or facts obtained by Contracting Agency (whether from the Bidder
3 or third parties) including but not limited to: (i) financial, historical, or operational data from the
4 Bidder; (ii) information obtained directly by the Contracting Agency from others for whom the
5 Bidder has worked, or other public agencies or private enterprises; and (iii) any additional
6 information obtained by the Contracting Agency which is believed to be relevant to the matter.

7
8 If the Contracting Agency determines the Bidder does not meet the bidder responsibility criteria
9 above and is therefore not a responsible Bidder, the Contracting Agency shall notify the Bidder
10 in writing, with the reasons for its determination. If the Bidder disagrees with this determination,
11 it may appeal the determination within two (2) business days of the Contracting Agency's
12 determination by presenting its appeal and any additional information to the Contracting Agency.
13 The Contracting Agency will consider the appeal and any additional information before issuing
14 its final determination. If the final determination affirms that the Bidder is not responsible, the
15 Contracting Agency will not execute a contract with any other Bidder until at least two business
16 days after the Bidder determined to be not responsible has received the Contracting Agency's
17 final determination.

18
19 Request to Change Supplemental Bidder Responsibility Criteria Prior To Bid: Contractor with
20 concerns about the relevancy or restrictiveness of the Supplemental Bidder Responsibility
21 Criteria may make or submit requests to the Contracting Agency to modify the criteria. Such
22 requests shall be in writing, describe the nature of the concerns, and propose specific
23 modifications to the criteria. Contractor shall submit such requests to the Contracting Agency no
24 later than five (5) business days prior to the bid submittal deadline and address the request to
25 the Project Engineer or such other person designated by the Contracting Agency in the Bid
26 Documents.

27
28 **1-02.15 Pre Award Information**
29 *(December 30, 2022 APWA GSP)*

30
31 Revise this section to read:

32
33 Before awarding any contract, the Contracting Agency may require one or more of these items
34 or actions of the apparent lowest responsible bidder:

- 35 1. A complete statement of the origin, composition, and manufacture of any or all materials to
36 be used,
 - 37 2. Samples of these materials for quality and fitness tests,
 - 38 3. A progress schedule (in a form the Contracting Agency requires) showing the order of and
39 time required for the various phases of the work,
 - 40 4. A breakdown of costs assigned to any bid item,
 - 41 5. Attendance at a conference with the Engineer or representatives of the Engineer,
 - 42 6. Obtain, and furnish a copy of, a business license to do business in the city or county where
43 the work is located.
 - 44 7. Any other information or action taken that is deemed necessary to ensure that the bidder is
45 the lowest responsible bidder.
- 46

1-03, AWARD AND EXECUTION OF CONTRACT

1-03.3 Execution of Contract (January 19, 2022 APWA GSP)

Revise this section to read:

Within 3 calendar days of the Award date (not including Saturdays, Sundays and Holidays), the successful Bidder shall provide the information necessary to execute the Contract to the Contracting Agency. The Bidder shall send the contact information, including the full name, email address, and phone number, for the authorized signer and bonding agent to the Contracting Agency.

Copies of the Contract Provisions, including the unsigned Form of Contract, will be available for signature by the successful bidder on the first business day following the award. The number of copies to be executed by the Contractor will be determined by the Contracting Agency.

Within 15 calendar days after the award date, the successful bidder shall return the signed Contracting Agency-prepared contract, an insurance certification as required by Section 1-07.18, a satisfactory bond as required by law and Section 1-03.4, the Transfer of Coverage form for the Construction Stormwater General Permit with sections I, III, and VIII completed when provided. Before execution of the contract by the Contracting Agency, the successful bidder shall provide any pre-award information the Contracting Agency may require under Section 1-02.15.

Until the Contracting Agency executes a contract, no proposal shall bind the Contracting Agency nor shall any work begin within the project limits or within Contracting Agency-furnished sites. The Contractor shall bear all risks for any work begun outside such areas and for any materials ordered before the contract is executed by the Contracting Agency.

If the bidder experiences circumstances beyond their control that prevents return of the contract documents within the calendar days after the award date stated above, the Contracting Agency may grant up to a maximum of 5 additional calendar days for return of the documents, provided the Contracting Agency deems the circumstances warrant it.

1-03.4 Contract Bond (July 23, 2015 APWA GSP)

Delete the first paragraph and replace it with the following:

The successful bidder shall provide executed payment and performance bond(s) for the full contract amount. The bond may be a combined payment and performance bond; or be separate payment and performance bonds. In the case of separate payment and performance bonds, each shall be for the full contract amount. The bond(s) shall:

1. Be on Contracting Agency-furnished form(s);
2. Be signed by an approved surety (or sureties) that:
 - a. Is registered with the Washington State Insurance Commissioner, and
 - b. Appears on the current Authorized Insurance List in the State of Washington published by the Office of the Insurance Commissioner,
3. Guarantee that the Contractor will perform and comply with all obligations, duties, and conditions under the Contract, including but not limited to the duty and obligation to

indemnify, defend, and protect the Contracting Agency against all losses and claims related directly or indirectly from any failure:

- a. Of the Contractor (or any of the employees, subcontractors, or lower tier subcontractors of the Contractor) to faithfully perform and comply with all contract obligations, conditions, and duties, or
 - b. Of the Contractor (or the subcontractors or lower tier subcontractors of the Contractor) to pay all laborers, mechanics, subcontractors, lower tier subcontractors, material person, or any other person who provides supplies or provisions for carrying out the work;
4. Be conditioned upon the payment of taxes, increases, and penalties incurred on the project under titles 50, 51, and 82 RCW; and
 5. Be accompanied by a power of attorney for the Surety's officer empowered to sign the bond; and
 6. Be signed by an officer of the Contractor empowered to sign official statements (sole proprietor or partner). If the Contractor is a corporation, the bond(s) must be signed by the president or vice president, unless accompanied by written proof of the authority of the individual signing the bond(s) to bind the corporation (i.e., corporate resolution, power of attorney, or a letter to such effect signed by the president or vice president).

1-03.7 Judicial Review (December 30, 2022 APWA GSP)

Revise this section to read:

All decision made by the Contracting Agency regarding the Award and execution of the Contract or Bid rejection shall be conclusive subject to the scope of judicial review permitted under Washington Law. Such review, if any, shall be timely filed in the Superior Court of the county where the Contracting Agency headquarters is located, provided that where an action is asserted against a county, RCW 36.01.050 shall control venue and jurisdiction.

1-05, CONTROL OF WORK (March 13, 1995)

1-05.7 Removal Of Defective And unauthorized Work (October 1, 2005 APWA GSP)

Supplement this section with the following:

If the Contractor fails to remedy defective or unauthorized work within the time specified in a written notice from the Engineer or fails to perform any part of the work required by the Contract Documents, the Engineer may correct and remedy such work as may be identified in the written notice, with Contracting Agency forces or by such other means as the Contracting Agency may deem necessary.

If the Contractor fails to comply with a written order to remedy what the Engineer determines to be an emergency situation, the Engineer may have the defective and unauthorized work corrected immediately, have the rejected work removed and replaced, or have work the Contractor refuses to perform completed by using Contracting Agency or other forces. An

1 emergency situation is any situation when, in the opinion of the Engineer, a delay in its remedy
2 could be potentially unsafe, or might cause serious risk of loss or damage to the public.

3
4 Direct or indirect costs incurred by the Contracting Agency attributable to correcting and
5 remedying defective or unauthorized work, or work the Contractor failed or refused to perform,
6 shall be paid by the Contractor. Payment will be deducted by the Engineer from monies due, or
7 to become due, the Contractor. Such direct and indirect costs shall include in particular, but
8 without limitation, compensation for additional professional services required, and costs for repair
9 and replacement of work of others destroyed or damaged by correction, removal, or replacement
10 of the Contractor's unauthorized work.

11
12 No adjustment in the contract time or compensation will be allowed because of the delay in the
13 performance of the work attributable to the exercise of the Contracting Agency's rights provided
14 by this Section.

15
16 The rights exercised under the provisions of this section shall not diminish the Contracting
17 Agency's right to pursue any other avenue for additional remedy or damages with respect to the
18 Contractor's failure to perform the work as required.

19
20 **1-05.13 Superintendents, Labor, and Equipment of Contractor**
21 *(August 14, 2013 APWA GSP)*

22
23 Delete the sixth and seventh paragraphs of this section.

24
25 **1-05.14 Cooperation with Other Contractors**
26 Section 1-05.14 is supplemented with the following:
27 *(March 13, 1995)*

28
29 **Other Contracts or Other Work**

30 It is anticipated that the following work adjacent to or within the limits of this project will be
31 performed by others during the course of this project and will require coordination of the work:

32
33 **\$\$** Lewis County is in the process of advertising for bid a construction project for performing
34 site preparation work such as grading, trenching, electrical wiring, placement of crushed
35 surfacing base course, crushed surfacing top course, reinforced concrete fuel pad including
36 installation and curing of saddle mount tank foundations, and bollards for the new Above
37 Ground Avgas (100LL) Fueling System for the South Lewis County Airport. It is anticipated
38 that construction for this site preparation work may be in effect prior to final fabrication,
39 delivery, and installation of the new Above Ground Avgas (100LL) Fueling System at the
40 South Lewis County Airport.

41
42 The Contractor shall provide project status updates in accordance with Section 1-08.3 –
43 Progress Schedule of these Special Provisions to assist the Engineer in coordinating work
44 being conducted as part of the Site Preparation contract to better facilitate placement,
45 installation, and operation of the new Above Ground Avgas (100LL) Fueling System. **\$\$**
46

1 **1-05.15 Method of Serving Notices**
2 *(December 30, 2022 APWA GSP)*

3 Revise the second paragraph to read:

4
5 All correspondence from the Contractor shall be directed to the Project Engineer. All
6 correspondence from the Contractor constituting any notification, notice of protest, notice of
7 dispute, or other correspondence constituting notification required to be furnished under the
8 Contract, must be in paper format, hand delivered or sent via mail delivery service to the Project
9 Engineer's office. Electronic copies such as e-mails or electronically delivered copies of
10 correspondence will not constitute such notice and will not comply with the requirements of the
11 Contract.

12
13 **1-07, LEGAL RELATIONS AND RESPONSIBILITIES TO THE PUBLIC**

14
15 **1-07.1 Laws to be Observed**
16 *(October 1, 2005 APWA GSP)*

17
18 Supplement this section with the following:

19
20 In cases of conflict between different safety regulations, the more stringent regulation shall apply.

21
22 The Washington State Department of Labor and Industries shall be the sole and paramount
23 administrative agency responsible for the administration of the provisions of the Washington
24 Industrial Safety and Health Act of 1973 (WISHA).

25
26 The Contractor shall maintain at the project site office, or other well known place at the project
27 site, all articles necessary for providing first aid to the injured. The Contractor shall establish,
28 publish, and make known to all employees, procedures for ensuring immediate removal to a
29 hospital, or doctor's care, persons, including employees, who may have been injured on the
30 project site. Employees should not be permitted to work on the project site before the Contractor
31 has established and made known procedures for removal of injured persons to a hospital or a
32 doctor's care.

33
34 The Contractor shall have sole responsibility for the safety, efficiency, and adequacy of the
35 Contractor's plant, appliances, and methods, and for any damage or injury resulting from their
36 failure, or improper maintenance, use, or operation. The Contractor shall be solely and
37 completely responsible for the conditions of the project site, including safety for all persons and
38 property in the performance of the work. This requirement shall apply continuously, and not be
39 limited to normal working hours. The required or implied duty of the Engineer to conduct a
40 construction review of the Contractor's performance does not, and shall not, be intended to
41 include review and adequacy of the Contractor's safety measures in, on, or near the project site.

42
43 **1-07.2 State Taxes**

44
45 Delete this section, including its sub-sections, in its entirety and replace it with the following:

46
47 **1-07.2 State Sales Tax**
48 *(June 27, 2011 APWA GSP)*

49
50 The Washington State Department of Revenue has issued special rules on the State sales tax.
51 Sections 1-07.2(1) through 1-07.2(3) are meant to clarify those rules. The Contractor should

1 contact the Washington State Department of Revenue for answers to questions in this area. The
2 Contracting Agency will not adjust its payment if the Contractor bases a bid on a misunderstood
3 tax liability.

4
5 The Contractor shall include all Contractor-paid taxes in the unit bid prices or other contract
6 amounts. In some cases, however, state retail sales tax will not be included. Section 1-07.2(2)
7 describes this exception.

8
9 The Contracting Agency will pay the retained percentage (or release the Contract Bond if a
10 FHWA-funded Project) only if the Contractor has obtained from the Washington State
11 Department of Revenue a certificate showing that all contract-related taxes have been paid
12 (RCW 60.28.051). The Contracting Agency may deduct from its payments to the Contractor any
13 amount the Contractor may owe the Washington State Department of Revenue, whether the
14 amount owed relates to this contract or not. Any amount so deducted will be paid into the proper
15 State fund.

16 17 **1-07.2(2) State Sales Tax — Rule 170**

18
19 WAC 458-20-170, and its related rules, apply to the constructing and repairing of new or existing
20 buildings, or other structures, upon real property. This includes, but is not limited to, the
21 construction of streets, roads, highways, etc., owned by the state of Washington; water mains
22 and their appurtenances; sanitary sewers and sewage disposal systems unless such sewers and
23 disposal systems are within, and a part of, a street or road drainage system; telephone, telegraph,
24 electrical power distribution lines, or other conduits or lines in or above streets or roads, unless
25 such power lines become a part of a street or road lighting system; and installing or attaching of
26 any article of tangible personal property in or to real property, whether or not such personal
27 property becomes a part of the realty by virtue of installation.

28
29 For work performed in such cases, the Contractor shall collect from the Contracting Agency, retail
30 sales tax on the full contract price. The Contracting Agency will automatically add this sales tax
31 to each payment to the Contractor. For this reason, the Contractor shall not include the retail
32 sales tax in the unit bid item prices, or in any other contract amount subject to Rule 170, with the
33 following exception.

34
35 Exception: The Contracting Agency will not add in sales tax for a payment the Contractor or a
36 subcontractor makes on the purchase or rental of tools, machinery, equipment, or consumable
37 supplies not integrated into the project. Such sales taxes shall be included in the unit bid item
38 prices or in any other contract amount.

39 40 **1-07.2(3) Services**

41
42 The Contractor shall not collect retail sales tax from the Contracting Agency on any contract wholly
43 for professional or other services (as defined in Washington State Department of Revenue Rules
44 138 and 244).

45 46 **1-07.5 Environmental Regulations**

47 Section 1-07.5 is supplemented with the following:

48
49 *(September 20, 2010)*

50 **Environmental Commitments**

1 The following Provisions summarize the requirements, in addition to those required elsewhere in
2 the Contract, imposed upon the Contracting Agency by the various documents referenced in the
3 Special Provisions **Permits and Licenses**. Throughout the work, the Contractor shall comply
4 with the following requirements:

5
6 *(April 1, 2019)*

7 The Contractor shall notify the Engineer a minimum of ***10*** calendar days prior to
8 commencing any work in sensitive areas, mitigation areas, and wetland buffers. Installation of
9 construction fencing is excluded from this notice requirement.

10
11 *(August 3, 2009)*

12 **Payment**

13 All costs to comply with this special provision for the environmental commitments and
14 requirements are incidental to the contract and are the responsibility of the Contractor. The
15 Contractor shall include all related costs in the associated bid prices of the contract.

16
17 **1-07.7 Load Limits**

18 Section 1-07.7 is supplemented with the following:

19
20 *(Lewis County)*

21 If the source of materials provided by the Contractor necessitates hauling over roads other than
22 Lewis County roads, the Contractor shall, at the Contractor's expense, make all arrangements
23 for the use of the haul routes.

24
25 Any vehicle providing material paid for by the ton, on the project, will provide licensed tonnage
26 for that vehicle.

27
28 **1-07.9 Wages**

29
30 *(*****)*

31 The State rates incorporated in this contract are applicable to all construction activities
32 associated with this contract.

33
34 **1-07.11 Requirements For Nondiscrimination**

35 Section 1-07.11 is supplemented with the following:

36
37 ***(October 3, 2022)***

38 Requirement for Affirmative Action to Ensure Equal Employment Opportunity (Executive Order
39 11246)

- 40
41 1. The Contractor's attention is called to the Equal Opportunity Clause and the Standard
42 Federal Equal Employment Opportunity Construction Contract Specifications set forth
43 herein.
- 44
45 2. The goals and timetables for minority and female participation set by the Office of Federal
46 Contract Compliance Programs, expressed in percentage terms for the Contractor's
47 aggregate work force in each construction craft and in each trade on all construction work
48 in the covered area, are as follows:

Women - Statewide

Timetable

Goal

Until further notice 6.9%

Minorities - by Standard Metropolitan Statistical Area (SMSA)

Spokane, WA:

SMSA Counties:

Spokane, WA 2.8

WA Spokane.

Non-SMSA Counties 3.0

WA Adams; WA Asotin; WA Columbia; WA Ferry; WA Garfield; WA Lincoln,
WA Pend Oreille; WA Stevens; WA Whitman.

Richland, WA

SMSA Counties:

Richland Kennewick, WA 5.4

WA Benton; WA Franklin.

Non-SMSA Counties 3.6

WA Walla Walla.

Yakima, WA:

SMSA Counties:

Yakima, WA 9.7

WA Yakima.

Non-SMSA Counties 7.2

WA Chelan; WA Douglas; WA Grant; WA Kittitas; WA Okanogan.

Seattle, WA:

SMSA Counties:

Seattle Everett, WA 7.2

WA King; WA Snohomish.

Tacoma, WA 6.2

WA Pierce.

Non-SMSA Counties 6.1

WA Clallam; WA Grays Harbor; WA Island; WA Jefferson; WA Kitsap; WA
Lewis; WA Mason; WA Pacific; WA San Juan; WA Skagit; WA Thurston; WA
Whatcom.

Portland, OR:

SMSA Counties:

Portland, OR-WA 4.5

WA Clark.

Non-SMSA Counties 3.8

WA Cowlitz; WA Klickitat; WA Skamania; WA Wahkiakum.

These goals are applicable to each nonexempt Contractor's total on-site construction workforce, regardless of whether or not part of that workforce is performing work on a Federal, or federally assisted project, contract, or subcontract until further notice.

Compliance with these goals and time tables is enforced by the Office of Federal Contract compliance Programs.

The Contractor's compliance with the Executive Order and the regulations in 41 CFR Part 60-4 shall be based on its implementation of the Equal Opportunity Clause, specific affirmative action obligations required by the specifications set forth in 41 CFR 60-4.3(a), and 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, in each construction craft and in each trade, and 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 goal shall be a violation of the contract, the Executive Order and the regulations in 41 CFR Part 60-4. Compliance with the goals will be measured against the total work hours performed.

3. The Contractor shall provide written notification to the Office of Federal Contract Compliance Programs (OFCCP) within 10 working days of award of any construction subcontract in excess of \$10,000 or more that are Federally funded, at any tier for construction work under the contract resulting from this solicitation. The notification shall list the name, address and telephone number of the subcontractor; employer identification number of the subcontractor; estimated dollar amount of the subcontract; estimated starting and completion dates of the subcontract; and the geographical area in which the contract is to be performed. The notification shall be sent to:

U.S. Department of Labor
Office of Federal Contract Compliance Programs Pacific Region
Attn: Regional Director
San Francisco Federal Building
90 – 7th Street, Suite 18-300
San Francisco, CA 94103(415) 625-7800 Phone
(415) 625-7799 Fax

4. As used in this Notice, and in the contract resulting from this solicitation, the Covered Area is as designated herein.

Standard Federal Equal Employment Opportunity Construction Contract Specifications (Executive Order 11246)

1. As used in these specifications:

- a. Covered Area means the geographical area described in the solicitation from which this contract resulted;
- b. Director means Director, Office of Federal Contract Compliance Programs, United States Department of Labor, or any person to whom the Director delegates authority;
- c. Employer Identification Number means the Federal Social Security number used on the Employer's Quarterly Federal Tax Return, U. S. Treasury Department Form 941;

d. Minority includes:

- (1) Black, a person having origins in any of the Black Racial Groups of Africa.
- (2) Hispanic, a fluent Spanish speaking, Spanish surnamed person of Mexican, Puerto Rican, Cuban, Central American, South American, or other Spanish origin.
- (3) Asian or Pacific Islander, a person having origins in any of the original peoples of the Pacific rim or the Pacific Islands, the Hawaiian Islands and Samoa.
- (4) American Indian or Alaskan Native, a person having origins in any of the original peoples of North America, and who maintain cultural identification through tribal affiliation or community recognition.

2. Whenever the Contractor, or any subcontractor at any tier, subcontracts a portion of the work involving any construction trade, it shall physically include in each subcontract in excess of \$10,000 the provisions of these specifications and the Notice which contains the applicable goals for minority and female participation, and which is set forth in the solicitations from which this contract resulted.
3. If the Contractor is participating (pursuant to 41 CFR 60-4.5) in a Hometown Plan approved by the U.S. Department of Labor in the covered area either individually or through an association, its affirmative action obligations on all work in the Plan area (including goals and timetables) shall be in accordance with that Plan for those trades which have unions participating in the Plan. Contractors must be able to demonstrate their participation in and compliance with the provisions of any such Hometown Plan. Each Contractor or subcontractor participating in an approved Plan is individually required to comply with its obligations under the EEO clause, and to make a good faith effort to achieve each goal under the Plan in each trade in which it has employees. The overall good faith performance by other Contractors or subcontractors toward a goal in an approved Plan does not excuse any covered Contractor's or subcontractor's failure to take good faith effort to achieve the Plan goals and timetables.
4. The Contractor shall implement the specific affirmative action standards provided in paragraphs 7a through 7p of this Special Provision. The goals set forth in the solicitation from which this contract resulted are expressed as percentages of the total hours of employment and training of minority and female utilization the Contractor should reasonably be able to achieve in each construction trade in which it has employees in the covered area. Covered construction contractors performing construction work in geographical areas where they do not have a Federal or federally assisted construction contract shall apply the minority and female goals established for the geographical area where the work is being performed. The Contractor is expected to make substantially uniform progress in meeting its goals in each craft during the period specified.
5. Neither the provisions of any collective bargaining agreement, nor the failure by a union with whom the Contractor has a collective bargaining agreement, to refer either minorities or women shall excuse the Contractor's obligations under these specifications, Executive Order 11246, or the regulations promulgated pursuant thereto.

- 1 6. In order for the nonworking training hours of apprentices and trainees to be counted in
2 meeting the goals, such apprentices and trainees must be employed by the Contractor
3 during the training period, and the Contractor must have made a commitment to employ
4 the apprentices and trainees at the completion of their training, subject to the availability of
5 employment opportunities. Trainees must be trained pursuant to training programs
6 approved by the U.S. Department of Labor.
7
- 8 7. The Contractor shall take specific affirmative actions to ensure equal employment
9 opportunity. The evaluation of the Contractor's compliance with these specifications shall
10 be based upon its effort to achieve maximum results from its action. The Contractor shall
11 document these efforts fully, and shall implement affirmative action steps at least as
12 extensive as the following:
13
- 14 a. Ensure and maintain a working environment free of harassment, intimidation, and
15 coercion at all sites, and in all facilities at which the Contractor's employees are
16 assigned to work. The Contractor, where possible, will assign two or more women
17 to each construction project. The Contractor shall specifically ensure that all
18 foremen, superintendents, and other on-site supervisory personnel are aware of
19 and carry out the Contractor's obligation to maintain such a working environment,
20 with specific attention to minority or female individuals working at such sites or in
21 such facilities.
22
 - 23 b. Establish and maintain a current list of minority and female recruitment sources,
24 provide written notification to minority and female recruitment sources and to
25 community organizations when the Contractor or its unions have employment
26 opportunities available, and maintain a record of the organizations' responses.
27
 - 28 c. Maintain a current file of the names, addresses and telephone numbers of each
29 minority and female off-the-street applicant and minority or female referral from a
30 union, a recruitment source or community organization and of what action was
31 taken with respect to each such individual. If such individual was sent to the union
32 hiring hall for referral and was not referred back to the Contractor by the union or,
33 if referred, not employed by the Contractor, this shall be documented in the file
34 with the reason therefor, along with whatever additional actions the Contractor
35 may have taken.
36
 - 37 d. Provide immediate written notification to the Director when the union or unions
38 with which the Contractor has a collective bargaining agreement has not referred
39 to the Contractor a minority person or woman sent by the Contractor, or when the
40 Contractor has other information that the union referral process has impeded the
41 Contractor's efforts to meet its obligations.
42
 - 43 e. Develop on-the-job training opportunity and/or participate in training programs for
44 the area which expressly include minorities and women, including upgrading
45 programs and apprenticeship and trainee programs relevant to the Contractor's
46 employment needs, especially those programs funded or approved by the U.S.
47 Department of Labor. The Contractor shall provide notice of these programs to
48 the sources compiled under 7b above.
49
 - 50 f. Disseminate the Contractor's EEO policy by providing notice of the policy to unions
51 and training programs and requesting their cooperation in assisting the Contractor

1 in meeting its EEO obligations; by including it in any policy manual and collective
2 bargaining agreement; by publicizing it in the company newspaper, annual report,
3 etc.; by specific review of the policy with all management personnel and with all
4 minority and female employees at least once a year; and by posting the company
5 EEO policy on bulletin boards accessible to all employees at each location where
6 construction work is performed.

- 7
- 8 g. Review, at least annually, the company's EEO policy and affirmative action
9 obligations under these specifications with all employees having any responsibility
10 for hiring, assignment, layoff, termination or other employment decisions including
11 specific review of these items with on-site supervisory personnel such as
12 Superintendents, General Foremen, etc., prior to the initiation of construction work
13 at any job site. A written record shall be made and maintained identifying the time
14 and place of these meetings, persons attending, subject matter discussed, and
15 disposition of the subject matter.
- 16
- 17 h. Disseminate the Contractor's EEO policy externally by including it in any
18 advertising in the news media, specifically including minority and female news
19 media, and providing written notification to and discussing the Contractor's EEO
20 policy with other Contractors and Subcontractors with whom the Contractor does
21 or anticipates doing business.
- 22
- 23 i. Direct its recruitment efforts, both oral and written to minority, female and
24 community organizations, to schools with minority and female students and to
25 minority and female recruitment and training organizations serving the
26 Contractor's recruitment area and employment needs. Not later than one month
27 prior to the date for the acceptance of applications for apprenticeship or other
28 training by any recruitment source, the Contractor shall send written notification to
29 organizations such as the above, describing the openings, screening procedures,
30 and tests to be used in the selection process.
- 31
- 32 j. Encourage present minority and female employees to recruit other minority
33 persons and women and where reasonable, provide after school, summer and
34 vacation employment to minority and female youth both on the site and in other
35 areas of a Contractor's work force.
- 36
- 37 k. Validate all tests and other selection requirements where there is an obligation to
38 do so under 41 CFR Part 60-3.
- 39
- 40 l. Conduct, at least annually, an inventory and evaluation of all minority and female
41 personnel for promotional opportunities and encourage these employees to seek
42 or to prepare for, through appropriate training, etc., such opportunities.
- 43
- 44 m. Ensure that seniority practices, job classifications, work assignments and other
45 personnel practices, do not have a discriminatory effect by continually monitoring
46 all personnel and employment related activities to ensure that the EEO policy and
47 the Contractor's obligations under these specifications are being carried out.
- 48
- 49 n. Ensure that all facilities and company activities are nonsegregated except that
50 separate or single-user toilet and necessary changing facilities shall be provided
51 to assure privacy between the sexes.

- o. Document and maintain a record of all solicitations of offers for subcontracts from minority and female construction contractors and suppliers, including circulation of solicitations to minority and female contractor associations and other business associations.
 - p. Conduct a review, at least annually, of all supervisors' adherence to and performance under the Contractor's EEO policies and affirmative action obligations.
8. Contractors are encouraged to participate in voluntary associations which assist in fulfilling one or more of their affirmative action obligations (7a through 7p). The efforts of a contractor association, joint contractor-union, contractor-community, or other similar group of which the Contractor is a member and participant, may be asserted as fulfilling any one or more of the obligations under 7a through 7p of this Special Provision provided that the Contractor actively participates in the group, makes every effort to assure that the group has a positive impact on the employment of minorities and women in the industry, ensure that the concrete benefits of the program are reflected in the Contractor's minority and female work-force participation, makes a good faith effort to meet its individual goals and timetables, and can provide access to documentation which demonstrate the effectiveness of actions taken on behalf of the Contractor. The obligation to comply, however, is the Contractor's and failure of such a group to fulfill an obligation shall not be a defense for the Contractor's noncompliance.
9. A single goal for minorities and a separate single goal for women have been established. The Contractor, however, is required to provide equal employment opportunity and to take affirmative action for all minority groups, both male and female, and all women, both minority and non-minority. Consequently, the Contractor may be in violation of the Executive Order if a particular group is employed in substantially disparate manner (for example, even though the Contractor has achieved its goals for women generally, the Contractor may be in violation of the Executive Order if a specific minority group of women is underutilized).
10. The Contractor shall not use the goals and timetables or affirmative action standards to discriminate against any person because of race, color, religion, sex, or national origin.
11. The Contractor shall not enter into any subcontract with any person or firm debarred from Government contracts pursuant to Executive Order 11246.
12. The Contractor shall carry out such sanctions and penalties for violation of these specifications and of the Equal Opportunity Clause, including suspensions, terminations and cancellations of existing subcontracts as may be imposed or ordered pursuant to Executive Order 11246, as amended, and its implementing regulations by the Office of Federal Contract Compliance Programs. Any Contractor who fails to carry out such sanctions and penalties shall be in violation of these specifications and Executive Order 11246, as amended.
13. The Contractor, in fulfilling its obligations under these specifications, shall implement specific affirmative action steps, at least as extensive as those standards prescribed in paragraph 7 of this Special Provision, so as to achieve maximum results from its efforts to ensure equal employment opportunity. If the Contractor fails to comply with the

requirements of the Executive Order, the implementing regulations, or these specifications, the Director shall proceed in accordance with 41 CFR 60-4.8.

14. The Contractor shall designate a responsible official to monitor all employment related activity to ensure that the company EEO policy is being carried out, to submit reports relating to the provisions hereof as may be required by the government and to keep records. Records shall at least include, for each employee, their name, address, telephone numbers, construction trade, union affiliation if any, employee identification number when assigned, social security number, race, sex, status (e.g., mechanic, apprentice, trainee, helper, or laborer), dates of changes in status, hours worked per week in the indicated trade, rate of pay, and locations at which the work was performed. Records shall be maintained in an easily understandable and retrievable form; however, to the degree that existing records satisfy this requirement, the Contractors will not be required to maintain separate records.
15. Nothing herein provided shall be construed as a limitation upon the application of other laws which establish different standards of compliance or upon the application of requirements for the hiring of local or other area residents (e.g., those under the Public Works Employment Act of 1977 and the Community Development Block Grant Program).
16. Additional assistance for Federal Construction Contractors on contracts administered by Washington State Department of Transportation or by Local Agencies may be found at:

Washington State Dept. of Transportation
Office of Equal Opportunity
PO Box 47314
310 Maple Park Ave. SE
Olympia WA
98504-7314
Ph: 360-705-7090
Fax: 360-705-6801
<http://www.wsdot.wa.gov/equalopportunity/default.htm>

1-07.17 Utilities and Similar Facilities

(Lewis County - April 7, 2022)

Section 1-07.17 is supplemented with the following:

Site Preparation plans showing the location, dimension, wire type and size necessary shall be provided the Contractor to support installation of the new Above Ground Avgas (100LL) Fueling System. The Site Preparation Contractor shall be responsible for identifying the location and dimensions of utility facilities in accordance with available information obtained without uncovering, measuring, or other verification.

The following addresses and telephone numbers of utility companies known or suspected of having facilities within the project limits are supplied for the Contractor's convenience:

Lewis County P.U.D. No. 1	Toledo Telephone
321 NW Pacific Avenue	183 Plomondo Rd
Chehalis, WA 98532	Toledo, WA 98591
Telephone (360) 748-9261	Telephone (360) 864-4552

Dioni Cariaga
Century Link, Inc
Office: (206)733-5261
Cell: (360)250-2596

Puget Sound Energy
2711 Pacific Avenue Southeast
Olympia, WA 98501
Telephone (360) 786-5955

It shall be the responsibility of the Site Preparation Contractor to call the Underground locate service (800-424-5555) prior to commencing with the Site Preparation work for grading, trenching for and installation of electrical facilities, constructing the Concrete Reinforce Fueling Pad and bollards, and installation of the New Above Ground Avgas (100LL) Fueling System in accordance with RCW 19.122.

1-07.18 Public Liability and Property Damage Insurance

Delete this section in its entirety, and replace it with the following:

1-07.18 Insurance *(January 4, 2016 APWA GSP)*

1-07.18(1) General Requirements

- A. The Contractor shall procure and maintain the insurance described in all subsections of section 1-07.18 of these Special Provisions, from insurers with a current A. M. Best rating of not less than A-: VII and licensed to do business in the State of Washington. The Contracting Agency reserves the right to approve or reject the insurance provided, based on the insurer's financial condition.
- B. The Contractor shall keep this insurance in force without interruption from the commencement of the Contractor's Work through the term of the Contract and for thirty (30) days after the Physical Completion date, unless otherwise indicated below.
- C. If any insurance policy is written on a claims made form, its retroactive date, and that of all subsequent renewals, shall be no later than the effective date of this Contract. The policy shall state that coverage is claims made, and state the retroactive date. Claims-made form coverage shall be maintained by the Contractor for a minimum of 36 months following the Completion Date or earlier termination of this Contract, and the Contractor shall annually provide the Contracting Agency with proof of renewal. If renewal of the claims made form of coverage becomes unavailable, or economically prohibitive, the Contractor shall purchase an extended reporting period ("tail") or execute another form of guarantee acceptable to the Contracting Agency to assure financial responsibility for liability for services performed.
- D. The Contractor's Automobile Liability, Commercial General Liability and Excess or Umbrella Liability insurance policies shall be primary and non-contributory insurance as respects the Contracting Agency's insurance, self-insurance, or self-insured pool coverage. Any insurance, self-insurance, or self-insured pool coverage maintained by the Contracting Agency shall be excess of the Contractor's insurance and shall not contribute with it.
- E. The Contractor shall provide the Contracting Agency and all additional insureds with written notice of any policy cancellation, within two business days of their receipt of such notice.

1 F. The Contractor shall not begin work under the Contract until the required insurance has
2 been obtained and approved by the Contracting Agency

3
4 G. Failure on the part of the Contractor to maintain the insurance as required shall constitute
5 a material breach of contract, upon which the Contracting Agency may, after giving five
6 business days' notice to the Contractor to correct the breach, immediately terminate the
7 Contract or, at its discretion, procure or renew such insurance and pay any and all
8 premiums in connection therewith, with any sums so expended to be repaid to the
9 Contracting Agency on demand, or at the sole discretion of the Contracting Agency, offset
10 against funds due the Contractor from the Contracting Agency.

11
12 H. All costs for insurance shall be incidental to and included in the unit or lump sum prices
13 of the Contract and no additional payment will be made.

14
15 **1-07.18(2) Additional Insured**

16 All insurance policies, with the exception of Workers Compensation, and of Professional Liability
17 and Builder's Risk (if required by this Contract) shall name the following listed entities as
18 additional insured(s) using the forms or endorsements required herein:

- 19 ■ the Contracting Agency and its officers, elected officials, employees, agents, and
20 volunteers

21
22 The above-listed entities shall be additional insured(s) for the full available limits of liability
23 maintained by the Contractor, irrespective of whether such limits maintained by the Contractor
24 are greater than those required by this Contract, and irrespective of whether the Certificate of
25 Insurance provided by the Contractor pursuant to 1-07.18(4) describes limits lower than those
26 maintained by the Contractor.

27
28 For Commercial General Liability insurance coverage, the required additional insured
29 endorsements shall be at least as broad as ISO forms CG 20 10 10 01 for ongoing operations
30 and CG 20 37 10 01 for completed operations.

31
32 **1-07.18(3) Subcontractors**

33 The Contractor shall cause each Subcontractor of every tier to provide insurance coverage that
34 complies with all applicable requirements of the Contractor-provided insurance as set forth
35 herein, except the Contractor shall have sole responsibility for determining the limits of coverage
36 required to be obtained by Subcontractors.

37
38 The Contractor shall ensure that all Subcontractors of every tier add all entities listed in
39 1-07.18(2) as additional insureds, and provide proof of such on the policies as required by that
40 section as detailed in 1-07.18(2) using an endorsement as least as broad as ISO CG 20 10 10
41 01 for ongoing operations and CG 20 37 10 01 for completed operations.

42
43 Upon request by the Contracting Agency, the Contractor shall forward to the Contracting Agency
44 evidence of insurance and copies of the additional insured endorsements of each Subcontractor
45 of every tier as required in 1-07.18(4) Verification of Coverage.

46
47 **1-07.18(4) Verification of Coverage**

48 The Contractor shall deliver to the Contracting Agency a Certificate(s) of Insurance and
49 endorsements for each policy of insurance meeting the requirements set forth herein when the
50 Contractor delivers the signed Contract for the work. Failure of Contracting Agency to demand
51 such verification of coverage with these insurance requirements or failure of Contracting Agency

to identify a deficiency from the insurance documentation provided shall not be construed as a waiver of Contractor's obligation to maintain such insurance.

Verification of coverage shall include:

1. An ACORD certificate or a form determined by the Contracting Agency to be equivalent.
2. Copies of all endorsements naming Contracting Agency and all other entities listed in 1-07.18(2) as additional insured(s), showing the policy number. The Contractor may submit a copy of any blanket additional insured clause from its policies instead of a separate endorsement.
3. Any other amendatory endorsements to show the coverage required herein.
4. A notation of coverage enhancements on the Certificate of Insurance shall not satisfy these requirements – actual endorsements must be submitted.

Upon request by the Contracting Agency, the Contractor shall forward to the Contracting Agency a full and certified copy of the insurance policy(s). If Builders Risk insurance is required on this Project, a full and certified copy of that policy is required when the Contractor delivers the signed Contract for the work.

1-07.18(5) Coverages and Limits

The insurance shall provide the minimum coverages and limits set forth below. Contractor's maintenance of insurance, its scope of coverage, and limits as required herein shall not be construed to limit the liability of the Contractor to the coverage provided by such insurance, or otherwise limit the Contracting Agency's recourse to any remedy available at law or in equity.

All deductibles and self-insured retentions must be disclosed and are subject to approval by the Contracting Agency. The cost of any claim payments falling within the deductible or self-insured retention shall be the responsibility of the Contractor. In the event an additional insured incurs a liability subject to any policy's deductibles or self-insured retention, said deductibles or self-insured retention shall be the responsibility of the Contractor.

1-07.18(5)A Commercial General Liability

Commercial General Liability insurance shall be written on coverage forms at least as broad as ISO occurrence form CG 00 01, including but not limited to liability arising from premises, operations, stop gap liability, independent contractors, products-completed operations, personal and advertising injury, and liability assumed under an insured contract. There shall be no exclusion for liability arising from explosion, collapse or underground property damage.

The Commercial General Liability insurance shall be endorsed to provide a per project general aggregate limit, using ISO form CG 25 03 05 09 or an equivalent endorsement.

Contractor shall maintain Commercial General Liability Insurance arising out of the Contractor's completed operations for at least three years following Substantial Completion of the Work.

Such policy must provide the following minimum limits:

\$1,000,000	Each Occurrence
\$2,000,000	General Aggregate
\$2,000,000	Products & Completed Operations Aggregate
\$1,000,000	Personal & Advertising Injury each offence
\$1,000,000	Stop Gap / Employers' Liability each accident

1 **1-07.18(5)B Automobile Liability**

2 Automobile Liability shall cover owned, non-owned, hired, and leased vehicles; and shall be
3 written on a coverage form at least as broad as ISO form CA 00 01. If the work involves the
4 transport of pollutants, the automobile liability policy shall include MCS 90 and CA 99 48
5 endorsements.

6
7 Such policy must provide the following minimum limit:

8 \$1,000,000 Combined single limit each accident

9
10 **1-07.18(5)C Workers' Compensation**

11 The Contractor shall comply with Workers' Compensation coverage as required by the
12 Industrial Insurance laws of the State of Washington.

13
14 **1-08, PROSECUTION AND PROGRESS**

15
16 **1-08.0 Preliminary Matters**

17 *(May 25, 2006 APWA GSP)*

18
19 Add the following new section:

20
21 **1-08.0(2) Hours of Work**

22 *(December 8, 2014 APWA GSP)*

23
24 Except in the case of emergency or unless otherwise approved by the Engineer, the normal
25 working hours for the Contract shall be any consecutive 8-hour period between 7:00 a.m. and
26 6:00 p.m. Monday through Friday, exclusive of a lunch break. If the Contractor desires different
27 than the normal working hours stated above, the request must be submitted in writing prior to the
28 preconstruction conference, subject to the provisions below. The working hours for the Contract
29 shall be established at or prior to the preconstruction conference.

30
31 All working hours and days are also subject to local permit and ordinance conditions (such as
32 noise ordinances).

33
34 If the Contractor wishes to deviate from the established working hours, the Contractor shall
35 submit a written request to the Engineer for consideration. This request shall state what hours
36 are being requested, and why. Requests shall be submitted for review no later than 3 working
37 days prior to the day(s) the Contractor is requesting to change the hours.

38
39 If the Contracting Agency approves such a deviation, such approval may be subject to certain
40 other conditions, which will be detailed in writing. For example:

- 41 1. On non-Federal aid projects, requiring the Contractor to reimburse the Contracting Agency
42 Agency for the costs in excess of straight-time costs for Contracting Agency
43 representatives who worked during such times. (The Engineer may require designated
44 representatives to be present during the work. Representatives who may be deemed
45 necessary by the Engineer include, but are not limited to: survey crews; personnel from
46 the Contracting Agency's material testing lab; inspectors; and other Contracting Agency
47 employees or third party consultants when, in the opinion of the Engineer, such work
48 necessitates their presence.)
- 49 2. Considering the work performed on Saturdays, Sundays, and holidays as working days
50 with regard to the contract time.

3. Considering multiple work shifts as multiple working days with respect to contract time even though the multiple shifts occur in a single 24-hour period.
4. If a 4-10 work schedule is requested and approved the non working day for the week will be charged as a working day.
5. If Davis Bacon wage rates apply to this Contract, all requirements must be met and recorded properly on certified payroll

1-08.1 Subcontracting

(December 30, 2022 APWA GSP, Option A)

Section 1-08.1 is supplemented with the following:

Prior to any subcontractor or lower tier subcontractor beginning work, the Contractor shall submit to the Engineer a certification (WSDOT Form 420-004) that a written agreement between the Contractor and the subcontractor or between the subcontractor and any lower tier subcontractor has been executed. This certification shall also guarantee that these subcontract agreements include all the documents required by the Special Provision Federal Agency Inspection.

A subcontractor or lower tier subcontractor will not be permitted to perform any work under the contract until the following documents have been completed and submitted to the Engineer:

1. Request to Sublet Work (WSDOT Form 421-012), and
2. Contractor and Subcontractor or Lower Tier Subcontractor Certification for Federal-aid Projects (WSDOT Form 420-004).

The Contractor shall submit to the Engineer a completed Monthly Retainage Report (WSDOT Form 272-065) within 15 calendar days after receipt of every monthly progress payment until every subcontractor and lower tier subcontractor's retainage has been released.

The Contractor's records pertaining to the requirements of this Special Provision shall be open to inspection or audit by representatives of the Contracting Agency during the life of the contract and for a period of not less than three years after the date of acceptance of the contract. The Contractor shall retain these records for that period. The Contractor shall also guarantee that these records of all subcontractors and lower tier subcontractors shall be available and open to similar inspection or audit for the same time period.

1-08.3 Progress Schedule

1-08.3(2) Progress Schedule Types

*(*****)*

Section 1-08.3(2) is revised as follows:

The Contractor shall provide a weekly look-ahead update to the Contracting Agency as to the manufacturing and delivery status of the Above Ground AVGAS (100LL) Fueling System.

1-08.3(2)D Weekly Look-Ahead Schedule

Section 1-08.3(2)D is supplemented with the following:

Contractor's Weekly Activities

*(*****)*

1
2 The Contractor shall conduct a weekly look-ahead phone call with the Engineer to provide
3 an update of the manufacturing and delivery status of the Above Ground Avgas (100LL)
4 Fueling System. The weekly update shall indicate the Contractor's proposed activities for
5 the forthcoming week. This will permit the Engineer to more effectively coordinate with the
6 South Lewis County Airport Site Preparation Contractor's operations for efficient delivery,
7 installation, and operation of the Above Ground Avgas (100LL) Fueling System.

8 9 **1-08.4 Prosecution of Work**

10 Delete this section and replace it with the following:

11 12 **1-08.4 Notice to Proceed and Prosecution of Work**

13 (*****)

14
15 Notice to Proceed will be given after the contract has been executed and the contract bond and
16 evidence of insurance have been approved and filed by the Contracting Agency. The Contractor
17 shall not commence with the work until the Notice to Proceed has been given by the Engineer.

18
19 The Contractor shall commence manufacturing activities for the above ground Av GasLL Fueling
20 System within ten days of the Notice to Proceed Date, unless otherwise approved in writing.

21
22 The Contracting Agency is aware of a possible 20 week delay in delivery time of the
23 manufactured Above Ground Avgas (100LL) Fueling system for installation at the South Lewis
24 County Airport.

25
26 The Contractor shall diligently pursue the work so as not to delay delivery and installation of the
27 Above Ground Avgas (100LL) Fueling System beyond the 20 week delay.

28 29 **1-08.5 Time for Completion**

30 *(December 30, 2022 APWA GSP, Option B)*

31
32 Revise the third and fourth paragraphs to read:

33
34 Contract time shall begin on the first working day following the \$14th calendar day after the
35 Notice to Proceed date. If the Contractor starts work on the project at an earlier date, then
36 contract time shall begin on the first working day when onsite work begins.

37
38 Each working day shall be charged to the contract as it occurs, until the contract work is physically
39 complete. If substantial completion has been granted and all the authorized working days have
40 been used, charging of working days will cease. Each week the Engineer will provide the
41 Contractor a statement that shows the number of working days: (1) charged to the contract the
42 week before; (2) specified for the physical completion of the contract; and (3) remaining for the
43 physical completion of the contract. The statement will also show the nonworking days and all
44 partial or whole days the Engineer declares as unworkable. The statement will be identified as a
45 Written Determination by the Engineer. If the Contractor does not agree with the Written
46 Determination of working days, the Contractor shall pursue the protest procedures in accordance
47 with Section 1-04.5. By failing to follow the procedures of Section 1-04.5, the Contractor shall
48 be deemed as having accepted the statement as correct. If the Contractor is approved to work
49 10 hours a day and 4 days a week (a 4-10 schedule) and the fifth day of the week in which a 4-
50 10 shift is worked would ordinarily be charged as a working day, then the fifth day of that week
51 will be charged as a working day whether or not the Contractor works on that day.

Revise the sixth paragraph to read:

The Engineer will give the Contractor written notice of the completion date of the contract after all the Contractor's obligations under the contract have been performed by the Contractor. The following events must occur before the Completion Date can be established:

1. The physical work on the project must be complete; and
2. The Contractor must furnish all documentation required by the contract and required by law, to allow the Contracting Agency to process final acceptance of the contract. The following documents must be received by the Project Engineer prior to establishing a completion date:
 - a. Certified Payrolls (per Section 1-07.9(5)).
 - b. Material Acceptance Certification Documents
 - c. Monthly Reports of Amounts Credited as DBE Participation, as required by the Contract Provisions.
 - d. Final Contract Voucher Certification
 - e. Copies of the approved "Affidavit of Prevailing Wages Paid" for the Contractor and all subcontractors
 - f. A copy of the Notice of Termination sent to the Washington State Department of Ecology (Ecology); the elapse of 30 calendar days from the date of receipt of the Notice of Termination by Ecology; and no rejection of the Notice of Termination by Ecology. This requirement will not apply if the Construction Stormwater General Permit is transferred back to the Contracting Agency in accordance with Section 8-01.3(16).
 - g. Property owner releases per Section 1-07.24

(*****)

Onsite work associated with this project shall be physically completed within *** 12 *** working days following delivery of the new fuel system.

1-09, MEASUREMENT AND PAYMENT

1-09.7 Mobilization

Section 1-09.7 is supplemented with the following:

(*****)

The Contracting Agency will provide a limited temporary staging area at the South Lewis County Airport for housing the Above Ground Avgas (100LL) Fueling System Equipment. The project shall be sequenced such that the concrete foundations and pad by others are ready to directly receive the tank and fueling skid. The area to be used shall be identified by the RPR field prior to use. The Contractor shall restore this site to the condition it was found or as directed by the Engineer.

1-09.9 Payments

(December 30, 2022 APWA GSP)

Section 1-09.9 is revised to read:

The basis of payment will be the actual quantities of Work performed according to the Contract and as specified for payment.

The Contractor shall submit a breakdown of the cost of lump sum bid items at the Preconstruction Conference, to enable the Project Engineer to determine the Work performed on a monthly basis. A breakdown is not required for lump sum items that include a basis for incremental payments

as part of the respective Specification. Absent a lump sum breakdown, the Project Engineer will make a determination based on information available. The Project Engineer's determination of the cost of work shall be final.

Progress payments for completed work and material on hand will be based upon progress estimates prepared by the Engineer. A progress estimate cutoff date will be established at the preconstruction conference.

The initial progress estimate will be made not later than 30 days after the Contractor commences the work, and successive progress estimates will be made every month thereafter until the Completion Date. Progress estimates made during progress of the work are tentative, and made only for the purpose of determining progress payments. The progress estimates are subject to change at any time prior to the calculation of the final payment.

The value of the progress estimate will be the sum of the following:

1. Unit Price Items in the Bid Form — the approximate quantity of acceptable units of work completed multiplied by the unit price.
2. Lump Sum Items in the Bid Form — based on the approved Contractor's lump sum breakdown for that item, or absent such a breakdown, based on the Engineer's determination.
3. Materials on Hand — 100 percent of invoiced cost of material delivered to Job site or other storage area approved by the Engineer.
4. Change Orders — entitlement for approved extra cost or completed extra work as determined by the Engineer.

Progress payments will be made in accordance with the progress estimate less:

1. Retainage per Section 1-09.9(1), on non FHWA-funded projects;
2. The amount of progress payments previously made; and
3. Funds withheld by the Contracting Agency for disbursement in accordance with the Contract Documents.

Progress payments for work performed shall not be evidence of acceptable performance or an admission by the Contracting Agency that any work has been satisfactorily completed. The determination of payments under the contract will be final in accordance with Section 1-05.1.

Failure to perform obligations under the Contract by the Contractor may be decreed by the Contracting Agency to be adequate reason for withholding any payments until compliance is achieved.

Upon completion of all Work and after final inspection (Section 1-05.11), the amount due the Contractor under the Contract will be paid based upon the final estimate made by the Engineer and presentation of a Final Contract Voucher Certification to be signed by the Contractor. The Contractor's signature on such voucher shall be deemed a release of all claims of the Contractor unless a Certified Claim is filed in accordance with the requirements of Section 1-09.11 and is expressly excepted from the Contractor's certification on the Final Contract Voucher Certification. The date the Contracting Agency signs the Final Contract Voucher Certification constitutes the final acceptance date (Section 1-05.12).

If the Contractor fails, refuses, or is unable to sign and return the Final Contract Voucher Certification or any other documentation required for completion and final acceptance of the Contract, the Contracting Agency reserves the right to establish a Completion Date (for the

purpose of meeting the requirements of RCW 60.28) and unilaterally accept the Contract. Unilateral final acceptance will occur only after the Contractor has been provided the opportunity, by written request from the Engineer, to voluntarily submit such documents. If voluntary compliance is not achieved, formal notification of the impending establishment of a Completion Date and unilateral final acceptance will be provided by email with delivery confirmation from the Contracting Agency to the Contractor, which will provide 30 calendar days for the Contractor to submit the necessary documents. The 30 calendar day period will begin on the date the email with delivery confirmation is received by the Contractor. The date the Contracting Agency unilaterally signs the Final Contract Voucher Certification shall constitute the Completion Date and the final acceptance date (Section 1-05.12). The reservation by the Contracting Agency to unilaterally accept the Contract will apply to Contracts that are Physically Completed in accordance with Section 1-08.5, or for Contracts that are terminated in accordance with Section 1-08.10. Unilateral final acceptance of the Contract by the Contracting Agency does not in any way relieve the Contractor of their responsibility to comply with all Federal, State, tribal, or local laws, ordinances, and regulations that affect the Work under the Contract.

Payment to the Contractor of partial estimates, final estimates, and retained percentages shall be subject to controlling laws.

1-09.11 Disputes and Claims

1-09.11(3) Time Limitation and Jurisdiction

(December 30, 2022 APWA GSP)

Revise this section to read:

For the convenience of the parties to the Contract it is mutually agreed by the parties that all claims or causes of action which the Contractor has against the Contracting Agency arising from the Contract shall be brought within 180 calendar days from the date of final acceptance (Section 1-05.12) of the Contract by the Contracting Agency; and it is further agreed that all such claims or causes of action shall be brought only in the Superior Court of the county where the Contracting Agency headquarters is located, provided that where an action is asserted against a county, RCW 36.01.050 shall control venue and jurisdiction. The parties understand and agree that the Contractor's failure to bring suit within the time period provided, shall be a complete bar to all such claims or causes of action. It is further mutually agreed by the parties that when claims or causes of action which the Contractor asserts against the Contracting Agency arising from the Contract are filed with the Contracting Agency or initiated in court, the Contractor shall permit the Contracting Agency to have timely access to all records deemed necessary by the Contracting Agency to assist in evaluating the claims or action.

1-09.13 Claims Resolution

1-09.13(3)A Arbitration General

(January 19, 2022 APWA GSP)

Revise the third paragraph to read:

The Contracting Agency and the Contractor mutually agree to be bound by the decision of the arbitrator, and judgment upon the award rendered by the arbitrator may be entered in the Superior Court of the county in which the Contracting Agency's headquarters is located, provided that where claims subject to arbitration are asserted against a county, RCW 36.01.050 shall

control venue and jurisdiction of the Superior Court. The decision of the arbitrator and the specific basis for the decision shall be in writing. The arbitrator shall use the Contract as a basis for decisions.

1-09.13(4) Venue for Litigation
(December 30, 2022 APWA GSP)

Revise this section to read:

Litigation shall be brought in the Superior Court of the county in which the Contracting Agency's headquarters is located, provided that where claims are asserted against a county, RCW 36.01.050 shall control venue and jurisdiction of the Superior Court. It is mutually agreed by the parties that when litigation occurs, the Contractor shall permit the Contracting Agency to have timely access to all records deemed necessary by the Contracting Agency to assist in evaluating the claims or action.

DIVISION 2

EARTHWORK

2-11, TRIMMING AND CLEANUP

2-11.1 Description

Section 2-11.1 is supplemented with the following:

(*****)

This work also consists of cleanup of the project work area.

2-11.3 Construction Requirements

Section 2-11.3 is supplemented with the following:

(*****)

The Contractor shall provide cleanup of the project work area to the Owner's satisfaction.

DIVISION 6

STRUCTURES

6-03, STEEL STRUCTURES

Section 6-03 is supplemented with the following:

ABOVE GROUND AVGAS (100LL) FUELING SYSTEM
(Retail Only Avgas No Bulk)

Description

This work shall consist of manufacturing and installing an assembled "Turn Key" above ground Avgas (100LL) fueling system that includes an aviation fuel storage pumping system with skid pre-wired to a common point from a manufacturer for retail dispensing of Avgas (100LL) fuel.

1 The Avgas (100LL) fuel system components includes:

2 **A.** Avgas fuel storage system components include one (1) above ground, double wall UL
3 2085, saddle mount, fuel storage tank, with a nominal capacity of 12,000 gallons, and
4 one (1) complete skid for refueler offloading into storage, and delivery of retail fuel to
5 aircraft.

6 (1) Self Service over wing fueling flow rates shall be not less than 22 gpm + or – 5gpm,
7 as calculated at the over wing nozzle.

8 (2) All tanks, pump assemblies, and other equipment shall be configured for receiving
9 fuel from the over the road transport trucks, dispensing fuel retail over wing into
10 aircraft avgas (100LL). Additionally, the Avgas system will be equipped with a self
11 serve system including an *Owner* provided card reader. Further, assemblies and
12 system piping shall be designed for ease of maintenance and repair by providing an
13 adequate number of isolation valves throughout.

14 **INDUSTRY STANDARDS**

15 The following industry standards are listed for reference and shall govern all applicable
16 aspects of this project component. Current versions of the standards shall be used for any
17 revised standards. Should conflicts between standards arise, the Contractor shall apply that
18 which is the most stringent of restrictive.

19 **A.** Air Transportation Association (ATA) 103 – Standards for Jet Fuel Quality Control at
20 Airports (tank to be internally lined and equipped with floating suction)

21 **B.** American Society for Testing and Materials (ASTM)

22 (1) A182 – Forged or Rolled Alloy Steel Pipe Flanges, Forged Fittings and Valves, and
23 Parts for High Temperature service.

24 (2) A3121 A312M- Seamless and Welded Austenitic Stainless Steel Pipe.

25 (3) A403/A403M- Wrought Austenitic Stainless Steel Piping Fittings

26 (4) A193 – Alloy Steel and Stainless Steel Bolting Materials for High Temperature Service

27 (5) A194 – Carbon and Alloy Steel Nuts for Bolts for High Temperature Service

28 (6) 01655 – Specification for Aviation Turbine Fuels

29 (7) 02276 – Test Methods for Particulate Contaminants in Aviation Turbine Fuels.

30 (8) 03830 – Standard Practice for Filter Membrane Color Ratings for Aviation Turbine
31 Fuels

32 (9) 04176 – Standard Test Method for Free Water and Particulate Contamination in
33 Distillate Fuels (Visual Inspection Procedures)

34 **C.** American National Standards Institute (ANSI)

35 (1) A13.1 – Scheme for the Identification of Piping Systems

36 (2) B16.9 – Factory Made Wrought Steel Butt Welding

(3) B16.11 – Forged Steel Fittings, Socket Welding and Butt Welding Ends

(4) B16.25 – Butt Welding Ends

(5) B16.5 – Pipe Flanges and Flanged Fittings

(6) B31.3 – Chemical Plant and Petroleum Refinery Piping (*X ray requirements on welded piping , butt preparation, weld procedures, welders certifications for piping, weld logs, and test procedures*)

D. American Petroleum Institute (API)

(1) 601.21 – Metallic Gaskets for Piping, Double Jacketed Corrugated and Spiral Wound Gaskets.

(2) 1529 – Aviation Fueling Hose

(3) 1542 – Airport Equipment Marking for Fuel

E. Federal Aviation Administration (FAA) Advisory Circular (AC) 15015230-4 Aircraft Fuel Storage, Handling and Dispensing on Airports

F. Military Specification, MIL-C-4556 – Coating, Kit, Epoxy for Interior of Steel Fuel Tanks

G. National Fire Protection Association (NFPA)

(1) 30- Flammable and Combustible Liquids

(2) 407 – Standard for Aircraft Fuel Servicing

H. International Fire Code, Latest Edition, (with amendments, additions, and deletions

I. Steel Structures Painting Council

(1) SP-5 - White Metal Blast Cleaning

(2) SP-6 - Commercial Blast Cleaning

(3) SP-10 – Near White Metal Blast Cleaning

J. Underwriters Laboratories 2085 – Steel Aboveground Tanks for Flammable and Combustible Liquids

K. California Air Resource Board (CARB) and Enhanced Vapor Recovery (EVR) standards.

QUALIFICATIONS

The Contractor shall certify that their employees and their sub-contracting firm(s) and their employees have regularly been engaged in the production of such fuel storage tank systems specifically aviation fueling for the past five (5) years including the installation of similar storage tank and dispensing systems specific to aviation service for aviation fueling for the past four (4) years.

The Contractor or Coating Applicator sub-contractor firm shall demonstrate experience specific to the type of coating system used for fuel storage tank systems specifically to aviation fueling for the past four (4) years.

1 The Contractor shall ensure that the *supplier* of fuel system portion of system is a recognized
2 professional firm among its peers, and a member in good standing with the **Petroleum**
3 **Equipment Institute (PEI)**. Statement *shall* accompany bid, at bid time, and enclosed with
4 bid, stating affiliation in good standing. **Any bid received that does not meet this criteria**
5 **will be automatically disqualified as non responsive.**

6 **INSURANCE REQUIREMENTS**

7 The Contractor must include with bid, statement that it has, and currently maintains insurance
8 satisfactory to the herein mentioned criteria. The Contractor shall, at a minimum, currently
9 have policy with 2 million dollar pollution liability per occurrence , 1 million dollar professional
10 services policy, and 1 million dollar automotive policy.

11 **2.0 SUBMITTALS**

12 Submittals will be required during various stages of this project component. These submittals are
13 intended to represent to the *Owner* and *Owners Agents* that the *Bidder* has read and understands
14 the requirements of this specification, is a qualified and experienced firm, and has the ability and
15 intention of cooperating fully with the *Owner, Representatives, and Agents*.

16 **2.1 PRE BID SUBMITTALS**

17 This specification requires the use of specific types of equipment and materials, and identifies
18 such with a specific manufacturer, make and or model number information, where
19 appropriate. The *Owner* recognizes that *Contractors* may have a preferred or alternative
20 approach or product. In this event, *Contractors* may request, in writing, that the *Owner*
21 approve such an alternative. However, *Contractors* should be aware that several of the
22 specific items listed are required due to their compatibility with other system components and
23 or their design for use specifically in aviation fuel applications. Furthermore, the *Owner* will
24 accept no substitutions from *Contractors* that compromise or limit any of the operational
25 capabilities presently comprising this specification. Where specific part numbers or brand
26 names are used, those are the part numbers, brand names preferred by the *Owner* due to
27 performance, and compatibility with existing components on hand in an effort to maintain
28 standardization of repair parts kept in stock by *Owner*.

29 The *Owner* must receive all substitution or modification requests from *Contractors* at the
30 following address not less than twenty (20) days prior to bid closing.

31
32 Attn: Mark Burch
33 Lewis County Public Works
34 57 W. Main St.
35 Chehalis, WA 98532

36 All requests must include specific product information, including manufacturer, make, model
37 number, availability, parts availability, and full product cut sheets with dimensions, materials
38 of construction, and expected service life clearly indicated.

39 **2.2 SUBMITTALS WITH BID**

40 All bids shall be submitted by the time and date in Section 1-02.12 – Public Opening Of
41 Proposal in the Special Provisions of this contract. Bid submittals require **ALL** of the items
42 listed below. **ANY BID THAT DOES NOT INCLUDE ALL REQUIRED ITEMS SHALL BE**
43 **REJECTED AS NON RESPONSIVE.**

1 **A. COMPANY HISTORY** – Provide a detailed account of the *Supplier's* work history
2 (*Supplier* of fueling portion of this project) that pertains to the design, fabrication, and
3 delivery of aviation fuel storage systems similar to that described in this specification.
4 Provide with history at least three (3) client references ; include name, address,
5 telephone number and a general description of the system(s) manufactured for those
6 clients.

7 **B. STATEMENT OF QUALIFICATION** – Provide a detailed statement of the *Supplier's*
8 qualifications, as outlined in this specification. Identify specific experience associated
9 with the design, fabrication, and delivery of similar aviation fuel storage systems
10 during the past five (5) years.

11 (3) **PROFESSIONAL ASSOCIATIONS** - Provide , with Bid, a list of all professional
12 organizations or associations in which *Supplier* of aviation fuel system portion of this
13 project is a member. Highlight memberships in those specific professional
14 organizations as required in this specification.

15 (4) **IDENTIFICATION OF ANCILLARY FIRMS** – Provide a list of all actual or proposed
16 subcontractors, ancillary firms and joint venture or partnership business
17 arrangements that the *Supplier* of the aviation fuel system portion of this project
18 expects to use on this project component. Provide a statement certifying that *Supplier*
19 of aviation fuel system portion of this project have regularly engaged in the production
20 and or manufacture of their associated products for the past five (5) years. *Supplier*
21 of aviation fuel system component of this project shall be direct manufacturer of said
22 fuel system component, and shall be direct distributor of products used to provide
23 said fuel system component of project. Outsourcing is not acceptable.

24 (5) **STATEMENT OF COOPERATION** – Provide a statement indicating *Supplier's* ability
25 and intention to cooperate fully with the *Owner* and *Owner's* representatives, to
26 provide all required submittal documentation, (as outlined below) and to work
27 cooperatively with the *Owner* and *Owner's* representatives by providing information
28 necessary to successfully incorporate *Bidder's / Supplier's* fuel storage system on the
29 airports fuel storage facility site. Provide a statement indicating the same for all
30 *Subcontractors, ancillary firms , joint ventures, and partnerships* to be used by the
31 *Bidder* on this project component.

32 (6) **STATEMENT OF CONFORMANCE** – Provide a written statement certifying that the
33 *Supplier's* submittal conforms fully to all specification requirements, if exceptions are
34 noted, identify the non complying component, accessories, etc, and explain “why”
35 such changes are being offered. All non complying components, accessories, etc
36 must receive prior *Owner* approval as an alternative, as outlined in this specification.
37 Shall also include statement that supplier or sub-contractor supplying fuel system
38 portion of this project is direct manufacturer of fueling portion of project.

39 (7) **CERTIFIED WELDERS** – Welders utilized on process piping for the fuel component
40 of this project are to be certified pipe welders under ASME . Photocopies of welders
41 pipe certifications for any welder who will perform welding on piping on the fuel system
42 component of this project shall and must accompany Bid. ASME B31.3 WILL BE
43 ADHERED TO FOR ALL PIPING ON THIS AVIATION FUELING PROJECT, WHICH
44 INCLUDES FIVE (5) PERCENT (%) X-RAY OF SHOP FABRICATED STAINLESS
45 STEEL PIPING WELDS. Any welds found to be deficient during this process must be
46 repaired, with B31.3 suggested additional X-Rays being performed in the event that

any of the five (5) percent (%) fail radiography. If percentage of X-Rays that fail radiography are deemed to be excessive by Owner, Owner reserves the right to halt work. Bidder will incur costs associated with Owner locating alternative Supplier that can perform work on fueling portion of project satisfactorily in conformance with this specification.

2.3 SUBMITTALS DURING MANUFACTURE AND INSTALLATION

Prior to shipping storage tanks and components to Lewis County, the following submittals are required. The *Owner* must receive all of these submittals from Contractor at the following address on or before the dates indicated :

Attn: Mark Burch
Lewis County Public Works
57 W. Main St.
Chehalis, WA 98532

A. PROJECT SCHEDULE

The entire project must be complete and approved for filling by the authority having jurisdiction no later than 157 calendar days. On or before the issuance of the Notice to Proceed, the *Owner* must receive and approve a project schedule that identifies all milestones associated with the design, fabrication, delivery, installation, and commissioning of systems and components, including factory certified training of South Lewis County Airport personnel. This project schedule also should incorporate all dates for the items as listed below.

B. INSPECTION VISIT SCHEDULE

On or before 30 calendar days following issuance of the Notice to Proceed the *Owner* must receive and approve inspection visit schedule for the *Owner* and or *Owner's* Representative to visit the fabrication facility, with key dates at key points during the fabrication and testing processes for quality control and time line verification. Should *Owner* and or *Owner's* representative(s) find deficiencies upon said visits, they are to be corrected within 48 hours of notification being provided to *Supplier* that said deficiencies exist. If deficiencies are not corrected, (Example, B31.3 process piping code not being followed, certified piping welders not performing weld process on system piping,) work will be halted , and *Bidder* will incur costs associated with *Owner* locating alternative *Supplier* that can perform work on fueling portion of project satisfactorily in conformance with this specification.

C. DRAWINGS

On or before 14 calendar days following issuance of the Notice to Proceed the *Owner* must receive and approve four (4) paper copies and one (1) electronic copy of drawings that illustrate the items listed below. The electronic copy shall be in Auto Cad on CD media.

(1) Proposed tank layout, with appropriate openings, slope, and dimensions, materials of construction.

(2) Piping Schematic, and flow diagrams, that illustrate component and system relationships, such as flow directions, control sequences, etc.

D. EQUIPMENT

On or before 14 calendar days following issuance of the Notice to Proceed, the *Owner* must receive and approve four (4) paper copies and or copies of cut sheets that provide manufacturer specifications and product information for, at a minimum, the following components .

(1) Storage tanks

(2) Fusible link fire safety valve, and all other tank accessories, including floating suction, tank gauging Systems if applicable, clock gauges, vents, etc.

(3) Pumps, including certified pump curves, and performance data

(4) Filters and Filter Separators/Monitors

(5) Relaxation Vessel if applicable to this installation.

(6) Meters (including dispensers if applicable to this installation)

(7) Reclaim tank system, if applicable to this installation

(8) Pumping skid system, including piping, plans, and sections, flow diagram, and control diagram.

(9) Controls / dead man control system, if applicable to this installation.

(10) Emergency fuel shut off

(11) Air elimination (for meters, and other items)

(12) Pressure Relief (all)

E. PRESSURE TESTS

Prior to coating the tanks, the *Owner* must receive and approve four (4) paper copies of the test results of the tank pressure tests.

(1) Pressure Tests- Piping, Prior to shipping tanks and equipment to the *Owner* the *Owner* must receive and approve results of pressure tests on piping. X- Ray film results for piping that was subjected to radiography per B31.3 and this specification must accompany results of pressure tests on piping prior to shipment to *Owner*.

F. OPERATIONS AND MAINTENANCE MANUALS

Prior to system installation, Contractor shall provide one (1) draft paper copy of the system O and M manual to the *Owner*. *Owner* shall review this draft and return it to the Contractor with written comments for revision as may be required.

2.4 SUBMITTALS – SYSTEM TESTING

During the system testing and flushing process, the following submittals are required. The *Owner* must receive all of these items at the following address on or before the dates indicated.

Attn: Mark Burch
Lewis County Public Works
57 W. Main St.
Chehalis, WA 98532

A. SYSTEM TESTING PROCEDURES – Before undertaking the testing process, the *Contractor* shall provide detailed procedures, sequences, and schedules, outlining proposed testing process. *Owner* must receive this information from the *Bidder* not less than four (4) weeks prior to the scheduled system flushing date(s).

B. NOTICE OF TEST SCHEDULE- Seven days prior to any proposed test date, the *Owner* shall receive and approve written notification from the *Contractor* of any such proposed test date, followed by not less than 48 hours advance notice of the actual and or planned test schedule.

C. SYSTEM TESTING PROCEDURES – Before starting the system testing and flushing process the *Contractor* shall provide detailed procedures, sequences and schedules outlining *Contractors* proposed testing and flushing processes, *Owner* must receive and approve these procedures not less than four (4) weeks prior to the scheduled test date.

2.5 FINAL SUBMITTALS

Prior to the *Owner* accepting receipt of the complete fuel storage system, the *Owner* must receive and approve the following items from the *Contractor* at the following address.

Attn: Mark Burch
Lewis County Public Works
57 W. Main St.
Chehalis, WA 98532

A. QUALIFICATION REPORTS – The *Owner* must receive and approve all qualification reports for all welding processes and operators associated with the system piping. Provide these in the format suggested in Appendix B of section IX of the ASME Boiler and Pressure Vessel Code, and incorporate them within the system O and M manual.

B. QUALITY CONTROL CERTIFICATION- The *Owner* must receive and approve written certification of quality control procedures used and results thereof during application of both internal and external coatings. This certification shall include surface preparation, film thickness per coat, curing procedures and testing, and be incorporated into the system owners and maintenance manuals.

C. TEST LOGS – the *Owner* must receive and approve all copies of test logs used to record all system testing data. Incorporate these test logs within system owners and maintenance manuals.

D. OWNERS AND MAINTENANCE MANUAL FINAL COPY – The *Owner* must receive and approve two (2) paper copies of the final (revised) system owners and maintenance manual.

E. FINAL APPROVAL – Upon the satisfactory completion of the project and receipt and approval of all required submittals, the *Owner* will provide the *Bidder* a written Statement of Approval and Final Acceptance of the completed fuel storage system.

3.0 QUALITY ASSURANCE

To assist the *Owner* in obtaining a quality and maintainable product, the *Bidder* shall provide the *Owner* assurances pertinent to final system design, fabrication, delivery and installation.

3.1 FABRICATION AND INSTALLATION

A. FABRICATION

(1) All equipment and material used or employed within or as part of this project shall be the latest design, new, and the highest quality standard product of manufacturers regularly engaged in the production of such equipment and material .

(2) When two or more units of the same class of equipment are required, they shall be the products of a single manufacturer.

(3) All items, material, components, coatings and equipment shall be compatible for use with aviation fuels to be stored and dispensed.

(4) Where UL certifies, tests or lists a component type used for this system, the product furnished shall be UL listed or approved and bear the UL label.

(5) Tanks shall be built in strict accordance with NFPA 30 and shall be labeled by UL.

(6) The Contractor(s) Shall qualify welding processes and operators (for piping) in accordance with ASME Boiler and Pressure Vessel Code, Section IX. Qualification reports are to be prepared in the format suggested in Appendix B of Section IX and incorporated into the system Operations and Maintenance manuals

(7) Galvanized metals, Zinc, copper, copper alloys, or cadmium components are not permitted for products coming into direct contact with aviation fuels. No red metal, yellow metal use is permitted. The only exception is the vapor recovery piping, if applicable, which can be galvanized steel.

B. INSTALLATION

(1) Payment for all freight, express trucking, transportation, cartage and handling for equipment and materials shall be included in bid price.

(2) Acceptance of responsibility for protecting internal and external parts of the storage system against rust or corrosion and the ingress of water, dirt, is an inherent part of this bid.

(3) Spot painting all equipment , where the shop paint has been damaged or flaked off must be done as part of completed installation prior to acceptance of system.

3.2 WARRANTY PERIOD

The Contractor shall agree to warranty products utilized on this system for the manufacturer's warranty period. The *Contractor* shall agree to warranty workmanship for a period of one (1) year. That period shall not commence until the system is installed, tested and accepted by the *Owner* , and factory training of the *Owners* operators has been completed.

4.0 ABOVE GROUND AVGAS FUELING SYSTEM

4.1 GENERAL- AVGAS (100LL)

(1) Locks with a common key shall be provided for all lockable components. Five keys shall be provided.

(2) Fueling system components shall be weatherproof and shall be located on a fueling "pump" skid connected or immediately adjacent to the tank or as otherwise approved by the Owner. The skid shall be sized to accommodate the necessary equipment. Fueling skid shall have a welded steel containment pan with appropriate provisions to allow for grounding and controlling the discharge of collected water (lockable).

(3) Contractor shall provide any specialized fuel system servicing equipment necessary to maintain and test the fuel system components.

(4) Emergency instructions shall be posted in the dispensing area and at the emergency shutoff control. Transport Offloading instructions shall be clearly posted at the offloading area. Aircraft refueling instructions shall be clearly posted at the distribution area. No Smoking shall be clearly posted at each dispenser. Additional placards to be provided as required for compliance with state and federal regulations and as required by the Owner. Contractor shall be responsible for providing and installing all Signage and placards.

(5) Fire extinguisher(s), cabinets, and mounts as required to meet code shall be provided and installed by the Contractor.

(6) Thermal relief valve/piping shall be provided to any portion of the system that can be isolated. Check valves and anti-siphon valves, where required, shall be incorporated as an integral part of the fueling system.

(7) California Air Resource Board (CARB) or Enhanced Vapor Recovery (EVR) standards and equipment, when readily available, shall be utilized and incorporated into the system.

(8) Specific size callouts shall be considered minimums. Contractor shall size up if needed to meet system performance requirements. Provide all substitutions to Owner for approval.

4.2 STORAGE TANK REQUIREMENTS

(1) The 12,000 gallon tank shall be above ground, double wall, fire protected, steel construction, conforming to UL 2085 standards for horizontal atmospheric aviation fuel storage tanks. Tanks shall comply with federal, state, and local secondary containment and "Protected" requirements and regulations. The inner tank shall be a UL listed steel tank and the outer wall shall be constructed in accordance with nationally accepted industry standards (i.e. API, STI, and/or ACI). The tank shall have interstitial monitoring. The tank system shall be designed for, tested, and rated to provide 2 hour fire protection under the 2-hour furnace fire test and 2 hour simulated pool fire test per UL 2085. The tank shall have a nominal capacity of 12,000 US gallons. The Contractor cut sheets shall identify the thickness of the tank walls and heads.

(2) The tank shall have vapor recovery installed designed to capture and transfer vapors displaced during filling of the Avgas tank.

1 (3) All tanks shall be mounted on saddles, provided by the *Supplier*. Tank pitch shall be
2 accommodated by these supports, at a minimum rate of one inch in fifty inches. Saddles
3 shall allow for anchoring of tank by others.

4 (4) All tanks shall be internally coated and externally painted in accordance with this
5 specification. All mild steel internal tank surfaces in contact with fuel, (e.g. , internal
6 ladders, etc.) shall be coated.

7 (5) Shell and head joints shall be butt joints with full penetration welds. “ Lap “ welds and
8 welds on one side only are prohibited. Welds located on tank interior floor for one foot
9 either side of the bottom center line shall be ground smooth, both sides, up 24” from
10 center line, and at any seams on tank bottom, to accommodate internal drainage.

11 (6) Tanks and all appurtenances shall be pre wired, and tested at factory for proper
12 operation. All components on tank/ system skid are to be pre wired to a common point,
13 for finish by field electrical contractor. Exception being tank top solenoid (110 volt) which
14 is to be finished in field by site electrician.

15 (7) One 30-inch manway, shall be provided at the top high end , as close as is practical
16 (4-8') from the head of the tank, for internal access. One 24-inch manway shall be
17 provided for internal access of the piping and floating suction, at a point above the safe
18 fill level towards the low end. Piping shall be flanged at or near the manway to facilitate
19 the removal of the manway cover. A bung shall also be installed for vapor recovery piping
20 and shall be sized for its intended use. Tank shall include other openings as required to
21 support the specified components. All unused openings shall be provided with stainless
22 steel threaded plugs. An internal ladder shall extend from the top of the manway to the
23 tank floor. The ladder shall be designed to ensure that water or other contaminants cannot
24 be trapped in its structure. This is to minimize the possibility that fuel contamination could
25 occur.

26 (8) All piping connections shall enter tanks above the highest liquid level. Fill piping inside
27 the tank shall be installed with the outlet no higher than four inches from the tank floor
28 and fitted with a flow diffuser. Also provide a Great Plains Industries (GPI) sump pump
29 with Morrison stainless steel anti siphon valve, with an Apollo spring return ball valve, for
30 the low end sump of the tank. The suction pipe shall be ¾” stainless steel tubing, and
31 shall clear the sump bowl bottom by one inch. The Apollo ball valve shall be protected
32 from damage and shall have the ability to be locked. The hose on the pump shall be
33 replaced with ¾ inch stainless steel tubing and shall reach 10 inches from point of
34 discharge, terminate 12 inches above grade, which is to be over a containment if required
35 by code. Pipe ends shall have a ¾ inch camlock adapter and dust cap, with an attached
36 lanyard or chain. In order to maximize useable stock, the piping connections for suction
37 and discharge of fuel may be placed at the low end of the tank subject to final design
38 approval by *Owner*.

39 (9) An additional 4” bung for future use shall be provided. It shall be installed six (6) inches
40 away from the clock gauge bung, toward the high end of the tank.

41 (10) Provide normal and emergency venting in accordance with NFPA 30 and UL
42 guidelines. The normal vent shall be a pressure/vacuum vent The Contractor shall
43 determine the size of the vents based on the flow rate of 200 gpm in 22 gpm out.

(11) Tank low point shall have a 12' diameter by 9" deep sump bowl installed directly under the sump point bung.

(12) The high end of the tank shall be fitted with a ladder and stand. The stand floor shall not exceed 6 ft above ground level. Ladder and stand shall meet or exceed OSHA standards .

(13) The tank will be installed at 50:1 pitch.

(14) A minimum 20-year warranty covering defects in material or workmanship shall be provided by the tank system manufacturer.

A. FUSIBLE LINK FIRE SAFETY VALVE

(1) Provide a fusible link fire safety valve assembly designed to melt at 140 degrees f on suction valve connections. Provide *Owner* with one additional fusible link for each valve. Check valves as required by code or appropriate for fill connections.

B. ACCESSORIES

(1) Floating Suction

a. Provide a floating suction assembly, 2", to fit floating suction adapter on turbine bottom. Buoyancy for the floating suction assembly shall be based upon the specific gravity of Avgas (100LL) fuel. Swivel assemblies will be greaseless and seals will be long life and appropriate for use with avgas

b. The internal floating suction assembly shall incorporate a clock gauge style position indicator. Said indicator to be Morrison model MR8181-0000AG.

(2) **Tank Gauging and overfill protection** – Gauging shall be installed as near to the center of the tank as possible. (Clock Gauge) Gauging charts shall be provided that account for the tank pitch.

a. Clock gauge to be Morrison 818 or pre-approved equal for tank monitoring.

b. The Contractor shall furnish and install a tank level monitoring and leak detection system consisting of an electronic control unit, fuel level transmitter assemblies/probe(s), tank interstitial leak detection probe(s), with an operating temperature of 32°F to 109°F. The control unit shall be capable of monitoring up to four tanks, have six digital inputs, have a minimum of two relay outputs, and have an Ethernet communication output. The system shall be accessible via the internet. The system shall be installed and commissioned by the Contractor at a location provided by others in the FBO. The unit shall operate from 120VAC. Calibrate system to activate externally installed Overfill Alarm upon tank overfill incident. Communication to field level transmitters via twisted pairs installed by others in conduits installed by others. Unit shall supply low, intrinsically safe voltage to operate all level transmitter units.

c. A positive high level valve shall be installed as well. MR9095A-AV3300AVEVR specifically for aviation, or pre-approved equal, with drop tube, and diffuser. Include necessary equipment for Owner to test the valve.

(3) Tank anti siphon valve

1 a. The tank suction line shall incorporate an anti siphon valve in its design. Can
2 be normally open, or normally closed, depending upon configuration.

3 b. Design should allow for this valve to open (or close) as necessary in order to
4 prevent siphoning of tank contents to any lower point of system.

5 **(4) Vapor Recovery**

6 a. Will connect to the tank. Piping can be galvanized steel. This line shall be
7 equipped with fittings that are vapor tight and that automatically and immediately
8 close upon disconnection. The system shall terminate at the Avgas bulk offload
9 connection point and shall be provided with a cap.

10 **(5) Interstitial Space Monitor**

11 This will be electronic and installed in the top of the tank as part of the tank level
12 monitoring and leak detection system noted in special provision section 6-
13 03.4.2.B(2)(b).

14 **(6) Stick Port**

15 The tank shall include a lockable stick port. The port shall be located such that it is
16 easily accessible from the external ladder stand floor. A standard coated stick pole,
17 including a protected storage means shall also be provided.

18 **C. PRODUCT PUMPS**

19 (1) This system will utilize inbound transport truck pump to fill tank. The minimum flow
20 rate for the delivery into over wing aircraft 22 gpm throughout operations. Overall
21 efficiency at design conditions of pump and driver, connected, shall be a minimum of sixty
22 percent.

23 (2) Pump assemblies shall be **FE PETRO** 1.5 horse, with smart controller, and floating
24 suction adapter, variable length or pre-approved equal.

25 (3) Aircraft fueling pumps shall be configured to shutoff automatically in the event the
26 operator does not manually shutoff.

27 **D. FILTRATION**

28 (1) Filter vessel to be Facet VF22, w locking bottom drain, red to green pressure
29 differential indicator.

30 (2) Provide two extra sets of filter media for each vessel after flushing and turnover.

31 **E. DELIVERY TANKER OFFLOADING STRAINER AND CONNECTION**

32 (1) Strainer is to be 3" flanged with top cleanout and 100 mesh screen.

33 (2) The unloading connection shall be a 3" male camlock fitting with a lockable cap on a
34 lanyard, aluminum, flanged 150" adapter.

35 (3) The bulk offload fill port transfer connection shall be provided with a UL Listed lockable
36 remote fill box meeting the necessary spill containment requirements with integrated

1 drainage ball valve and vapor recovery mounting bracket if offloading spill prevention
2 safeguards meeting applicable regulations are not otherwise incorporated into the fueling
3 skid. The Contractor shall be responsible for installation and anchoring of the remote fill
4 box if provided.

5 **F. SUMP SEPARATOR**

6 (1) Incorporate and provide one (1) 15 gallon, stainless steel sump separator , with built
7 in pump, valves, and filter (VF22) Unit shall be self contained and designed to separate
8 water and dirt from fuel, and pump fuel through filtration back to storage tank. Filter shall
9 be monitor or coalescer/separator type elements. Coalescer/separator, if used, shall be
10 provided with an acceptable water defense system Discharge of sump separator to be
11 equipped with stainless steel, spring return closed ball valve, and check valve. Discharge
12 line to extend from skid back to fill line on tank. Water drain of sump separator to be
13 equipped with stainless steel, spring return closed ball valve and quick disconnect
14 adapter with cap. The water discharge shall terminate 12-inches above a containment
15 pan (or equipment floor) and be easily accessible to accommodate testing equipment for
16 checks. Reclaim tank shall be clearly labeled with fuel type.

17 (2) Provide two extra sets of filter media for each vessel after flushing and turnover.

18 **G. SYSTEM ACCESSORIES**

19 (1) Hoses, Loading. Provide hose assemblies complete with hose parking.

20 (a) All valves shall be fire rated per API 607.

21 (b) Tank valves shall be ball valves 150# flanged

22 (c) Ball valves shall be stainless steel, with stainless steel ball and seat

23 **H. PIPING COMPOSITION**

24 (1) All piping and fittings for this project are to be stainless steel, schedule 10, 304 ss. All
25 gaskets utilized are to be spiral wound flexatallic gaskets. Threaded joints are not
26 preferred, and will only be allowed where components specific to aviation can be obtained
27 only in threaded configuration.

28 (2) B31.3 as it pertains to welding, and welders, will be a requirement, and shall be
29 enforced through available means to *Owner*.

30 **4.3 RETAIL FUEL AVGAS (100LL)**

31 This portion of the project incorporates a means for *Owner* to sell Avgas (100LL) fuel directly
32 into over wing aircraft. As such, it will be equipped with Retail dispenser, hose, hose reel, and
33 other appurtenances to allow for delivery of Avgas (100LL) fuel into aircraft via retail sale.

34 **A. DISPENSER**

35 (1) Dispenser will be utilized to effectively meter Avgas (100LL) fuel into retail
36 application, to be placed in aircraft. Dispenser is to be Dresser Wayne, single product,
37 single hose, with 100:1 pulser for communication with *Owner* provided cardlock (QT
38 M4000) system.

(2) Dispenser to be equipped with meter reading in tenths of whole gallons, dollar wheel, and totalizer and shall be readable at night. Meter must be visible from typical locations where fueling operations will occur.

(3) Dispenser shall have lockable side panels.

(4) Internal filters shall be removed and replaced with external Facet VF-22 filter housing, with monitor or coalescer/separator elements installed. Coalescer/separator elements, if used, shall be provided with a acceptable water defense system. VF-22 filter housing shall have water sump installed in the lower end of unit for water removal. Water sump to be equipped with stainless steel, spring return closed ball valve and quick disconnect adapter with cap. VF-22 filter housings shall be placed on the outlet side of the dispenser, following fuel exit from dispenser. All filter wet able components are to be epoxy coated unless otherwise approved by the Owner. Drains shall be easily accessible by personnel for maintenance, shall be lockable, shall terminate a minimum of 12" above the containment pan, and shall accommodate testing equipment for checks. If required, the filtering system shall be bonded to ensure electrical continuity with adjoining piping and equipment.

B. HOSE AND REEL

(1) Hose reel to be Hannay or pre-approved equal.

(2) Hose reel shall have aluminum internals, and swivel.

(3) Hose reel shall be one and one half inch, (1.5") inlet, and discharge.

(4) Victaulic couplings shall not be used as a means to attach hose reel to dispensing system.

(5) Hose reel shall be sized 10% to 20% larger than the required hose length.

(6) Hose reel shall be isolated from system piping on inlet side via flexible connector hose, which shall be stainless steel, hose master fire safe brand.

(7) Hose reel shall be electric rewind and incorporate appropriately sized explosion proof electric motor.

(8) Hose reel shall incorporate appropriately sized 4-way rollers and roller mounting brackets.

(9) Hose reel shall be attached via bolts to the skid unit.

(10) Hose used shall be API approved, and tested and certified aviation hose, one inch x seventy-five (75) feet.

(11) Hose shall have one ball stop placed prior to nozzle on dispense end to avoid possibility that nozzle may become damaged as an unintended result of operation.

C. NOZZLE

(1) Nozzle shall include the appropriate fuel type specific overwing nozzle w/swivel, 100-mesh strainer, ground cable & spout w/dust cap. Overwing refueling valve shall have a deadman control valve suitable for the intended use. Notches or latches in the

nozzle handle that could allow the valve to be locked open are prohibited. Each overwing servicing nozzle shall include a clip for bonding to aircraft.

D. STATIC BONDING

(1) Provide one static bonding reel on skid, hanna, seventy-five foot, (75) of plastic-coated cable and ground clip to allow self fueling operators to bond aircraft prior to dispense of Avgas fuel into personal aircraft.

5.0 CONTROLS

5.1 GENERAL

All products provided must be suitable for the application intended, that is, a fuel system for combustible and flammable fluids in a critical application where failure of the control system could seriously compromise the use of the fuel system or cause bodily harm. Where it is appropriate, electrical components shall be located outside the hazardous area to minimize cost.

6.0 ELECTRICAL

6.1 GENERAL

A. CODE REQUIREMENTS

All furnished equipment or materials, and all installation methods, shall comply with National Electrical Code requirements for Classified Hazardous Locations. Licensed electricians will be required for this project.

B. SINGLE POINT OF SERVICE

(1) Provide a single point of service power connection for all equipment on the packaged fuel storage system. All devices and equipment installed as part of the assembly that requires electrical power shall be served from this location.

C. BONDING AND GROUNDING

(1) Tanks supplied shall be equipped with bonding lugs to permit dual ground/bonding and shall meet code requirements, including NFPA 780 and NEC, for finish by others.

(2) It is not necessary to bond around piping flanges.

(3) All equipment shall be electrically bonded.

6.2 BASIC MATERIALS

A. POWER CIRCUIT CONDUCTORS

B. RACEWAY SYSTEM

(1) All conduits shall be ¾ "minimum, galvanized rigid steel, (GRS). Fittings include threaded couplings, locknuts, bushings and elbows. All materials shall be steel or malleable iron only. Setscrew or non thread fittings are not permitted. Bushings shall be metallic insulating type consisting of insulating insert molded or locked into the metal body of the fitting. Erickson type couplings may be used to complete a conduit

run. Support all conduits within 2 feet of each termination point, and 10 feet maximum on centers.

(2) In Line raceway seals shall be cast alloy with conduit hubs, as appropriate for the raceway installation. Seal bodies shall have expanded fill area and be UL listed for 40 percent conductor fill. Install drain and inspection fittings in seals that are at a low point in the conduit run and in all seals installed vertically. Seal fillings shall be Crouse Hinds EYE series or pre-approved equal.

(3) Boxed in hazardous locations shall be suitable for exterior installations and shall be cast copper free aluminum alloy or zinc phased iron alloy. Boxes shall be furnished with mounting lugs, cast in hubs or drilled and tapped conduit openings for GRS conduits and cover to match.

(4) Flexible conduits shall be used for connection to all vibrating and rotating equipment. Flexible conduits installed in Class I Division I or 2 hazardous locations shall be UL listed for the application, liquid tight for wet locations, bronze brand covering and flexible brass core, integral threaded brass or bronze male or female end fillings with a flexible length of a nominal 12".

C. Distribution Equipment

(1) Acceptable manufacturers: Square D, Westinghouse, and General Electric.

6.3 PUMPING SKID CONTROLS

A. Enclosures

This shall be rated and listed for hazardous environment in which it is installed. Panel enclosures shall be NEMA 4x, unless otherwise permitted by applicable code. Where exposed ensure flameproof enclosures are also weatherproof.

B. Wiring

(1) Provide all wiring necessary for equipment specified for installation, including internal wiring for all spare equipment and all future connections as required.

(2) NEC type wire rated 90 degrees C at 600 volts

(3) Wiring shall be color coded wire.

C. Markers

(1) Identify both ends of wire with the same unique wire number.

(2) Wire numbers shall be assigned where specific designations are not indicated.

D. Wiring Methods

(1) All wiring shall be routed in galvanized rigid steel conduit, (GRS) and sized per NEC requirements.

(2) All conduits shall be securely fastened to tank and or skid assembly as appropriate.

(3) All electrical conduits shall be primed and painted to match the adjacent surface.

(4) Instrument DC signal wiring shall be routed in separate ducts or groups from AC power and control wiring.

(5) Wire shall not be spliced and all connections shall be made on equipment studs or terminal blocks. Bring all wiring requiring field connections out to terminal blocks that shall be conveniently grouped to receive the external cables. Provide terminal blocks for all external connections.

(6) Provide extra flexible hinge wire in areas subject to flexing, such as hinged panels, doors, etc.

(7) Equipment Connections

a. Use insulated, locking spade lug terminals on all connections, except where devices specified are available only with solder type terminals.

b. Install terminals as recommended by manufacturer.

(8) Solder connections: The soldering iron used shall not exceed 100 watts.

(9) Provide a copper internal ground bus. Connect all required internal grounds to this bus.

(10) Provide intrinsically safe barriers where required by the NEC for Hazardous (Classified) Locations.

E. Terminal Blocks

(1) Terminal blocks shall be as follows:

a. All field wiring terminals shall be modular type, Entrelec Series 5000 or Weidmuller type SAKC 10. Submit Sample of any other type for Owner approval.

b. Provide terminal marking strips.

c. Spacing: Provide the following clear space between terminal strips for field cabling, Minimum 6 inches, Normal 11 inches for 15 terminals high.

(2) Terminal blocks shall be mounted in one or more rows on the mounting panel within the enclosure. Provide means for cleating external control cables that enter from the bottom. Location of terminal blocks and arrangements of external circuits shall be subject to *Owner* approval.

(3) Identify each terminal on each block by stamping or marking the terminal designation permanently on the block.

F. Push Button and Selector Switches

(1) All shall be heavy duty, oil tight units with contacts rated at 10 amps continuous at 120 volts ac.

(2) Provide explosion proof units for panels located in the hazardous zone.

(3) Provide the number of contacts and contact development, as indicated on the drawings.

(4) All shall be suitable for indoor or outdoor flush panel mounting.

(5) START or ON push buttons shall have a Green operator.

(6) STOP or OFF push buttons shall have a RED operator.

G. Indicator Lights

(1) Shall be heavy duty, oil tight units, with integral push to test feature.

(2) Provide explosion proof units for panels located in hazardous areas.

(3) Transformer type for AC applications

(4) Possess a minimum 10,000 hour lamp life

6.4 EMERGENCY FUEL SHUT OFF SYSTEM

(1) (by others) Provide an explosion proof red mushroom head style emergency stop push button 20 to 100 feet from each pumping filtering skid and one on the main electrical panel. The button shall be labeled EMERGENCY STOP PUSH on signage located 7 feet above ground level that contains 2 inch high white lettering on a RED background. The emergency shut off, when activated shall shut off all electrical power to the pumping systems, but not affect the area lighting unless otherwise directed by the Owner.

(2) The emergency shut off shall only be resettable with key.

6.5 AREA LIGHTING

(1) (By others) Provide a lighting system sufficient to safely operate the facility at night and in bad weather. Full details of the system proposed and associated lighting levels to be detailed in the bid. This lighting is to be supplied by the site contractor and installed by general contractor's electrician.

7.0 FINISHES

7.1 INTERIOR – TANKS, PIPING, FITTINGS, AND EQUIPMENT AS APPLIES

(1) Surfaces to be painted shall be sandblasted or shot blasted immediately before applying the primer coat. Blasting shall be in strict accordance with the appropriate Steel Structures Painting Council Surface Preparation Specification. Tank internal surfaces shall be blasted per SSPC SP 10. Care should be taken to prevent grease, oil, or other organic matter from contacting the blasted surface prior to application of the primer coat. Blasting shall be coordinated with primer application that shall be applied as soon as possible after blasting. If the blasted surface remains un coated overnight, it shall be re blasted.

(2) Coatings shall be a two coat system of epoxy paint qualified to meet specification MIL C4556-D and be applied in accordance with the manufacturers instruction and procedure, and shall be approved by the manufacturer's representative.

(4) If in the opinion of the Owner, during the inspection trip to the manufacturing facilities, the coatings show ridges, waves, runs, or holidays, indicating uneven coverage or improper application, the Contractor shall be required to remove and re apply the coating at no cost to the owner.

(5) Coating shall be a high solids amine epoxy with minimum 71 percent solids by volume. Color of second coat shall be WHITE. Coating shall be Phenicon or approved equal.

8.0 PIPE LABELING AND MARKING

Piping shall be labeled and marked using a combination of pressure sensitive labels, bands, and flow arrows for avgas and conform to API 1542. All decals must be fuel and chemical resistant.

(1) Legend designations for "avgas fuel" shall be WHITE letters on a BLUE background, banding and flow direction arrows also shall be Blue.

(2) The facility shall be labeled with 4 inch high lettering to read "AVGAS" and the standard "1863 diamond on the AVGAS tank and "AVGAS 100LL" and the standard "1203" diamond on the Avgas tank. Each tank shall also have other labels as found in kit numbers mentioned herein.

9.0 INSTALLATION, TESTING, AND START UP

9.1 INSTALLATION

A. Unloading and Installation

Contractor shall be responsible for unloading and final placement of the entire aircraft fueling system unless otherwise noted. Refer to the informational drawings for general information relating to the location, intended orientation, and configuration of the aircraft fueling system.

B. System Tests

(1) All tanks shall be installed in accordance with applicable federal, state, and local codes, The Uniform Fire Code shall dictate minimum requirements.

(2) Tanks shall be installed by the Contractor, and tested and commissioned by a trained representative of the manufacturer of the fueling component of this project. Provide turnover assistance, system start up and training, and instruction to the Owner amounting to a minimum of one day on site, training shall include, but not be limited to, product development, cleanup, maintenance, and testing to meet specifications.

(3) Tank pressure test shall be conducted in accordance with UL in the factory prior to coating of the tank. Certified test results shall be submitted to the Owner and incorporated into the final system O and M manual.

(6) The Contractor shall be responsible for the operation of all permanent and temporary equipment and systems, and conduct all performance tests in a safe and effective manner. The Contractor also shall provide all necessary equipment, towels, media, and labor required for the proper performance of the tests and commissioning procedure.

(7) Water shall NOT be used for the testing and flushing of any fuel piping or components at any time.

(8) Tanks shall be cleaned at the factory prior to shipment.

(9) The Contractor shall be responsible for establishing all testing procedures and shall demonstrate operation of the completed system to the Owner.

(10) A representative of the Contractor shall be present and conduct start up and testing procedures at the site after construction of the fuel facility is completed.

C. Testing of Fuel Piping

(1) All segments of the fuel piping must be tested after fabrication and assembly is essentially complete. The owner will designate a person to act as the Observer for the testing of the piping. (In addition to the x ray requirement at point of fabrication, pre delivery)

(2) All segments of the fuel piping shall be subjected to a pneumatic pressure test, in accordance with ASME B31.3. The test shall be performed at the supplier's facility, using dry compressed air at a pressure of 50 psig for 4 hours.

(3) Hydrostatic testing shall not be utilized on this water sensitive application.

**** NOTE**, Item Removal before testing is permissible whenever a component is rated below 275 psig, final testing reports shall specify each removed item, and the reason for its removal.

(4) A test log shall be maintained to record all testing data for the system. This log shall become part of the O and M manual submitted to the Owner upon system acceptance.

D. System Flushing

(1) Every possible precaution must be taken to ensure safe flushing operations. Conform to fire safety provisions of NFPA 30, 101, and 407, and all applicable ordinances, laws, regulations, and codes of the FAA and local and state authorities having jurisdiction.

(2) Piping systems will have to remain filled with fuel after the flushing is complete.

E. Soak Test

Upon the approval for filling of the tank(s) by the Authority Having Jurisdiction, the Contractor shall provide onsite assistance with a soak test for each type of fuel, to include support for the partial filling of the tanks, product cycling, and collection of fuel samples. The costs for equipment, shipping, and testing associated with the soak test will be paid for by the Owner. Owner will also collect and store a fuel "control" sample directly from the delivery tanker. In the event of a failing soak test, the Owner will test the control sample if requested by the Contractor. In the event of a failing control sample test the Contractor shall be responsible for the control sample testing cost. In the event of a failed soak test, the Contractor shall make corrections to the installation and all costs associated with subsequent soak test shall be at the Contractor's expense until a passing test is achieved. Upon receipt of acceptable soak test results,

the Contractor shall provide turnover assistance, startup and training, and instruction to the Owner amounting to a minimum of one day onsite. Training shall include, but is not limited to, product development, cleanup, maintenance, and testing to meet specifications.

10.0 FUEL MANAGEMENT SYSTEM

- A.** Lewis County's Site Preparation Contractor will remove and reset an existing QTPod card reader system to a wired common point connection for the new Above Ground Avgas (100LL) Fueling System.

Measurement

Section 6-03.4 is supplemented with the following:

"Above Ground Avgas (100LL) Fueling System", lump sum

The lump sum item for "Above Ground Avgas (100LL) Fueling System" is to provide a "Turn Key" fully assembled tank and pumping system with skid pre-wired to a common point from the manufacturer and includes any components of the work required of these Contract Documents. This includes the Contractor's cost for insurance, permits, and any other similarly expenses directly related to the system, including project-dedicated supervisory staff and equipment; compliance with all regulatory requirements; pre-construction and construction period planning; scheduling; preparation and submittal of detail drawings and plans and submittals; reporting; administration; meetings; procurement of subcontractors; coordination with suppliers, utilities, municipalities, subcontractors and disposal facilities; contractor quality control; inspections and audits; environmental protection; tank and skid unloading and placement and installation; testing; record documentation; project closeout; or related miscellaneous items required to complete the work specified.

Payment

Section 6-03.5 is supplemented with the following:

"Above Ground Avgas (100LL) Fueling System", lump sum

The lump sum item for the "Above Ground Avgas (100LL) Fueling System" shall be paid per the following lump sum breakdown:

- 1) 40% of the lump sum to be paid upon confirmation that the fuel system order has been executed, following the Engineer's approval of all required submittals.
- 2) 25% of the lump sum to be paid upon delivery of the approved Fueling System and fueling skid to the site.
- 3) 30% of the lump sum to be paid upon satisfactory installation of the entire fueling system, after start-up and testing is completed and proof of proper function is determined by the Engineer and Owner.
- 4) Remaining 5% of the lump sum to be paid upon agency/permit closeout (if required), submittal of Operations and Maintenance Manuals, and proof of final payment to the suppliers.

POWER EQUIPMENT

(*****)

The successful bidder will be required to furnish the County a list of all equipment that they anticipate utilizing on this project.

The bidder's attention is directed to the attached Power Equipment Form, which the successful bidder will be required to complete and return with the contract documents. This information will enable hourly rental rates to be computed by the County, utilizing the "Rental Rate Blue Book for Construction Equipment". No payment for any force account work will be allowed until this form has been returned and accepted by the County.

E-VERIFY

(*****)

"Effective June 21st, 2010, all contracts with a value of \geq \$100,000 shall require that the awarded contractor register with the Department of Homeland Security E-Verify program. Contractors shall have sixty days after the execution of the contract to register and enter into a Memorandum of Understanding (MOU) with the Department of Homeland Security (DHS) E-Verify program. After completing the MOU the contractor shall have an additional sixty days to provide a written record on the authorized employment status of their employees and those of any sub-contractor(s) currently assigned to the contract. Employees hired during the execution of the contract and after submission of the initial verification will be verified to the county within 30 days of hire, as reported from the E-Verify program. The contractor will continue to update the County on all corrective actions required and changes made during the performance of the contract."

BOND

(*****)

The Bidder's special attention is directed to the attached bond form, which the successful bidder will be required to execute and furnish the County. **NO OTHER BOND FORMS WILL BE ACCEPTED.** The bond shall be for the full amount of the contract.

LEWIS COUNTY ESTIMATES AND PAYMENT POLICY

(*****)

Payment cutoff shall be the last day of each month, inclusive of that day. On or before the 5th day of each calendar month during the term of this contract, the Contracting Agency shall prepare monthly Progress Payments for work completed and material furnished. If the Contractor agrees, the Contractor will approve the Progress Payment and return the estimate to the Contracting Agency by the 15th day of that same calendar month. The Contracting Agency shall prepare a voucher based upon the approved Progress Payment and payment based thereon shall be due the Contractor near the 10th day of the next calendar month. Material Supply contracts involving delivery of prefabricated material or stockpile material only (no physical work on Contracting Agency property) may be reimbursed via Contractor generated invoices upon written approval by the Engineer. Reimbursement by invoice shall not be subject to late charges listed on the Contractor's standard invoice form.

1 When the Contractor reports the work is completed he/she shall then notify the Contracting Agency.
2 The Contracting Agency shall inspect the work and report any deficiencies to the Contractor. When
3 the Contracting Agency is satisfied the work has been completed in accordance with all plans and
4 specifications, the Contracting Agency shall then accept the work.

5
6 Upon completion of all work described in this Contract, the Contracting Agency shall prepare a Final
7 Progress Payment and Final Contract Voucher for approval by the Contractor and processing for
8 final payment. Release of the Contract Bond will be 60 days following Contracting Agency Final
9 Acceptance of Contract, provided the conditions of Section 1-03.4 and Section 1-07.2 of these
10 Special Provisions have been satisfied.

11 **APPENDICES**

12
13 (July 12, 1999)

14 The following appendices are attached and made a part of this contract:

15
16 ***** APPENDIX A:
17 Washington State Prevailing Wage Rates
18 Wage Rate Supplements
19 Wage Rate Benefit Codes

20
21 APPENDIX B
22 Bid Proposal Documents

23
24 APPENDIX C
25 Contract Documents

26
27 APPENDIX D
28 Contract Plans *****
29

APPENDIX A

WASHINGTON STATE PREVAILING WAGE RATES

INCLUDING:

- **State Wage Rates**
- **Wage Rate Supplements**
- **Wage Rate Benefit Codes**

State of Washington
Department of Labor & Industries
Prevailing Wage Section - Telephone 360-902-5335
PO Box 44540, Olympia, WA 98504-4540

Washington State Prevailing Wage

The PREVAILING WAGES listed here include both the hourly wage rate and the hourly rate of fringe benefits. On public works projects, worker's wage and benefit rates must add to not less than this total. A brief description of overtime calculation requirements are provided on the Benefit Code Key.

Journey Level Prevailing Wage Rates for the Effective Date: 06/30/2023

<u>County</u>	<u>Trade</u>	<u>Job Classification</u>	<u>Wage</u>	<u>Holiday</u>	<u>Overtime</u>	<u>Note</u>	<u>*Risk Class</u>
Lewis	Asbestos Abatement Workers	Journey Level	\$56.80	<u>5D</u>	<u>1H</u>		View
Lewis	Boilermakers	Journey Level	\$74.29	<u>5N</u>	<u>1C</u>		View
Lewis	Brick Mason	Journey Level	\$66.32	<u>7E</u>	<u>1N</u>		View
Lewis	Brick Mason	Pointer-Caulker-Cleaner	\$66.32	<u>7E</u>	<u>1N</u>		View
Lewis	Building Service Employees	Janitor	\$15.74		<u>1</u>		View
Lewis	Building Service Employees	Shampooer	\$15.74		<u>1</u>		View
Lewis	Building Service Employees	Waxer	\$15.74		<u>1</u>		View
Lewis	Building Service Employees	Window Cleaner	\$15.74		<u>1</u>		View
Lewis	Cabinet Makers (In Shop)	Journey Level	\$23.17		<u>1</u>		View
Lewis	Carpenters	Acoustical Worker	\$71.53	<u>15J</u>	<u>4C</u>		View
Lewis	Carpenters	Bridge, Dock And Wharf Carpenters	\$71.53	<u>15J</u>	<u>4C</u>		View
Lewis	Carpenters	Floor Layer & Floor Finisher	\$71.53	<u>15J</u>	<u>4C</u>		View
Lewis	Carpenters	Journey Level	\$71.53	<u>15J</u>	<u>4C</u>		View
Lewis	Carpenters	Scaffold Erector	\$71.53	<u>15J</u>	<u>4C</u>		View
Lewis	Cement Masons	Application of all Composition Mastic	\$70.09	<u>15J</u>	<u>4U</u>		View
Lewis	Cement Masons	Application of all Epoxy Material	\$69.59	<u>15J</u>	<u>4U</u>		View
Lewis	Cement Masons	Application of all Plastic Material	\$70.09	<u>15J</u>	<u>4U</u>		View
Lewis	Cement Masons	Application of Sealing Compound	\$69.59	<u>15J</u>	<u>4U</u>		View
Lewis	Cement Masons	Application of Underlayment	\$70.09	<u>15J</u>	<u>4U</u>		View
Lewis	Cement Masons	Building General	\$69.59	<u>15J</u>	<u>4U</u>		View
Lewis	Cement Masons	Composition or Kalman Floors	\$70.09	<u>15J</u>	<u>4U</u>		View

Lewis	Cement Masons	Concrete Paving	\$69.59	15J	4U		View
Lewis	Cement Masons	Curb & Gutter Machine	\$70.09	15J	4U		View
Lewis	Cement Masons	Curb & Gutter, Sidewalks	\$69.59	15J	4U		View
Lewis	Cement Masons	Curing Concrete	\$69.59	15J	4U		View
Lewis	Cement Masons	Finish Colored Concrete	\$70.09	15J	4U		View
Lewis	Cement Masons	Floor Grinding	\$70.09	15J	4U		View
Lewis	Cement Masons	Floor Grinding/Polisher	\$69.59	15J	4U		View
Lewis	Cement Masons	Green Concrete Saw, self-powered	\$70.09	15J	4U		View
Lewis	Cement Masons	Grouting of all Plates	\$69.59	15J	4U		View
Lewis	Cement Masons	Grouting of all Tilt-up Panels	\$69.59	15J	4U		View
Lewis	Cement Masons	Guniting Nozzleman	\$70.09	15J	4U		View
Lewis	Cement Masons	Hand Powered Grinder	\$70.09	15J	4U		View
Lewis	Cement Masons	Journey Level	\$69.59	15J	4U		View
Lewis	Cement Masons	Patching Concrete	\$69.59	15J	4U		View
Lewis	Cement Masons	Pneumatic Power Tools	\$70.09	15J	4U		View
Lewis	Cement Masons	Power Chipping & Brushing	\$70.09	15J	4U		View
Lewis	Cement Masons	Sand Blasting Architectural Finish	\$70.09	15J	4U		View
Lewis	Cement Masons	Screed & Rodding Machine	\$70.09	15J	4U		View
Lewis	Cement Masons	Spackling or Skim Coat Concrete	\$69.59	15J	4U		View
Lewis	Cement Masons	Troweling Machine Operator	\$70.09	15J	4U		View
Lewis	Cement Masons	Troweling Machine Operator on Colored Slabs	\$70.09	15J	4U		View
Lewis	Cement Masons	Tunnel Workers	\$70.09	15J	4U		View
Lewis	Divers & Tenders	Bell/Vehicle or Submersible Operator (Not Under Pressure)	\$126.05	15J	4C		View
Lewis	Divers & Tenders	Dive Supervisor/Master	\$89.94	15J	4C		View
Lewis	Divers & Tenders	Diver	\$126.05	15J	4C	8V	View
Lewis	Divers & Tenders	Diver On Standby	\$84.94	15J	4C		View
Lewis	Divers & Tenders	Diver Tender	\$77.16	15J	4C		View
Lewis	Divers & Tenders	Hyperbaric Worker - Compressed Air Worker 0-30.00 PSI	\$89.09	15J	4C		View
Lewis	Divers & Tenders	Hyperbaric Worker - Compressed Air Worker 30.01 - 44.00 PSI	\$94.09	15J	4C		View
Lewis	Divers & Tenders	Hyperbaric Worker - Compressed Air Worker 44.01 - 54.00 PSI	\$107.09	15J	4C		View
Lewis	Divers & Tenders	Hyperbaric Worker - Compressed Air Worker 54.01 - 60.00 PSI	\$103.09	15J	4C		View
Lewis	Divers & Tenders	Hyperbaric Worker - Compressed Air Worker 60.01 - 64.00 PSI	\$105.59	15J	4C		View

Lewis	Divers & Tenders	Hyperbaric Worker - Compressed Air Worker 64.01 - 68.00 PSI	\$110.59	15J	4C		View
Lewis	Divers & Tenders	Hyperbaric Worker - Compressed Air Worker 68.01 - 70.00 PSI	\$112.59	15J	4C		View
Lewis	Divers & Tenders	Hyperbaric Worker - Compressed Air Worker 70.01 - 72.00 PSI	\$114.59	15J	4C		View
Lewis	Divers & Tenders	Hyperbaric Worker - Compressed Air Worker 72.01 - 74.00 PSI	\$116.59	15J	4C		View
Lewis	Divers & Tenders	Manifold Operator	\$77.16	15J	4C		View
Lewis	Divers & Tenders	Manifold Operator Mixed Gas	\$82.16	15J	4C		View
Lewis	Divers & Tenders	Remote Operated Vehicle Operator/Technician	\$77.16	15J	4C		View
Lewis	Divers & Tenders	Remote Operated Vehicle Tender	\$71.98	15J	4C		View
Lewis	Dredge Workers	Assistant Engineer	\$76.56	5D	3F		View
Lewis	Dredge Workers	Assistant Mate (Deckhand)	\$75.97	5D	3F		View
Lewis	Dredge Workers	Boatmen	\$76.56	5D	3F		View
Lewis	Dredge Workers	Engineer Welder	\$78.03	5D	3F		View
Lewis	Dredge Workers	Leverman, Hydraulic	\$79.59	5D	3F		View
Lewis	Dredge Workers	Mates	\$76.56	5D	3F		View
Lewis	Dredge Workers	Oiler	\$75.97	5D	3F		View
Lewis	Drywall Applicator	Journey Level	\$71.53	15J	4C		View
Lewis	Drywall Tapers	Journey Level	\$70.61	5P	1E		View
Lewis	Electrical Fixture Maintenance Workers	Journey Level	\$15.74		1		View
Lewis	Electricians - Inside	Cable Splicer	\$86.25	5C	1G		View
Lewis	Electricians - Inside	Journey Level	\$80.57	5C	1G		View
Lewis	Electricians - Inside	Lead Covered Cable Splicer	\$91.94	5C	1G		View
Lewis	Electricians - Inside	Welder	\$86.25	5C	1G		View
Lewis	Electricians - Motor Shop	Craftsman	\$15.74		1		View
Lewis	Electricians - Motor Shop	Journey Level	\$15.74		1		View
Lewis	Electricians - Powerline Construction	Cable Splicer	\$93.00	5A	4D		View
Lewis	Electricians - Powerline Construction	Certified Line Welder	\$85.42	5A	4D		View
Lewis	Electricians - Powerline Construction	Groundperson	\$55.27	5A	4D		View
Lewis	Electricians - Powerline Construction	Heavy Line Equipment Operator	\$85.42	5A	4D		View
Lewis	Electricians - Powerline Construction	Journey Level Lineperson	\$85.42	5A	4D		View
Lewis	Electricians - Powerline Construction	Line Equipment Operator	\$73.35	5A	4D		View
Lewis	Electricians - Powerline Construction	Meter Installer	\$55.27	5A	4D	8W	View

Lewis	Electricians - Powerline Construction	Pole Sprayer	\$85.42	5A	4D		View
Lewis	Electricians - Powerline Construction	Powderperson	\$63.50	5A	4D		View
Lewis	Electronic Technicians	Journey Level	\$51.14	6Z	1B		View
Lewis	Elevator Constructors	Mechanic	\$107.49	7D	4A		View
Lewis	Elevator Constructors	Mechanic In Charge	\$116.13	7D	4A		View
Lewis	Fabricated Precast Concrete Products	Journey Level	\$15.74		1		View
Lewis	Fabricated Precast Concrete Products	Journey Level - In-Factory Work Only	\$15.74		1		View
Lewis	Fence Erectors	Fence Erector	\$48.14	15J	4V	8Y	View
Lewis	Fence Erectors	Fence Laborer	\$48.14	15J	4V	8Y	View
Lewis	Flaggers	Journey Level	\$48.14	15J	4V	8Y	View
Lewis	Glaziers	Journey Level	\$75.91	7L	1Y		View
Lewis	Heat & Frost Insulators And Asbestos Workers	Journey Level	\$84.84	15H	11C		View
Lewis	Heating Equipment Mechanics	Journey Level	\$94.11	7F	1E		View
Lewis	Hod Carriers & Mason Tenders	Journey Level	\$59.85	15J	4V	8Y	View
Lewis	Industrial Power Vacuum Cleaner	Journey Level	\$15.74		1		View
Lewis	Inland Boatmen	Boat Operator	\$61.41	5B	1K		View
Lewis	Inland Boatmen	Cook	\$56.48	5B	1K		View
Lewis	Inland Boatmen	Deckhand	\$57.48	5B	1K		View
Lewis	Inland Boatmen	Deckhand Engineer	\$58.81	5B	1K		View
Lewis	Inland Boatmen	Launch Operator	\$58.89	5B	1K		View
Lewis	Inland Boatmen	Mate	\$57.31	5B	1K		View
Lewis	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Cleaner Operator, Foamer Operator	\$15.74		1		View
Lewis	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Grout Truck Operator	\$15.74		1		View
Lewis	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Head Operator	\$15.74		1		View
Lewis	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Technician	\$15.74		1		View
Lewis	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Tv Truck Operator	\$15.74		1		View
Lewis	Insulation Applicators	Journey Level	\$71.53	15J	4C		View
Lewis	Ironworkers	Journeyman	\$83.79	15K	11N		View
Lewis	Laborers	Air, Gas Or Electric Vibrating Screed	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Airtrac Drill Operator	\$58.56	15J	4V	8Y	View
Lewis	Laborers	Ballast Regular Machine	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Batch Weighman	\$48.14	15J	4V	8Y	View

Lewis	Laborers	Brick Pavers	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Brush Cutter	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Brush Hog Feeder	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Burner	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Caisson Worker	\$58.56	15J	4V	8Y	View
Lewis	Laborers	Carpenter Tender	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Cement Dumper-paving	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Cement Finisher Tender	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Change House Or Dry Shack	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Chipping Gun (30 Lbs. And Over)	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Chipping Gun (Under 30 Lbs.)	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Choker Setter	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Chuck Tender	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Clary Power Spreader	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Clean-up Laborer	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Concrete Dumper/Chute Operator	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Concrete Form Stripper	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Concrete Placement Crew	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Concrete Saw Operator/Core Driller	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Crusher Feeder	\$48.14	15J	4V	8Y	View
Lewis	Laborers	Curing Laborer	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Demolition: Wrecking & Moving (Incl. Charred Material)	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Ditch Digger	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Diver	\$58.56	15J	4V	8Y	View
Lewis	Laborers	Drill Operator (Hydraulic, Diamond)	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Dry Stack Walls	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Dump Person	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Epoxy Technician	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Erosion Control Worker	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Faller & Bucker Chain Saw	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Fine Graders	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Firewatch	\$48.14	15J	4V	8Y	View
Lewis	Laborers	Form Setter	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Gabian Basket Builders	\$56.80	15J	4V	8Y	View
Lewis	Laborers	General Laborer	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Grade Checker & Transit Person	\$59.85	15J	4V	8Y	View
Lewis	Laborers	Grinders	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Grout Machine Tender	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Groutmen (Pressure) Including Post Tension	\$57.84	15J	4V	8Y	View

		Beams					
Lewis	Laborers	Guardrail Erector	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Hazardous Waste Worker (Level A)	\$58.56	15J	4V	8Y	View
Lewis	Laborers	Hazardous Waste Worker (Level B)	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Hazardous Waste Worker (Level C)	\$56.80	15J	4V	8Y	View
Lewis	Laborers	High Scaler	\$58.56	15J	4V	8Y	View
Lewis	Laborers	Jackhammer	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Laserbeam Operator	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Maintenance Person	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Manhole Builder-Mudman	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Material Yard Person	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Mold Abatement Worker	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Motorman-Dinky Locomotive	\$59.95	15J	4V	8Y	View
Lewis	Laborers	nozzleman (concrete pump, green cutter when using combination of high pressure air & water on concrete & rock, sandblast, gunite, shotcrete, water blaster, vacuum blaster)	\$59.85	15J	4V	8Y	View
Lewis	Laborers	Pavement Breaker	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Pilot Car	\$48.14	15J	4V	8Y	View
Lewis	Laborers	Pipe Layer (Lead)	\$59.85	15J	4V	8Y	View
Lewis	Laborers	Pipe Layer/Tailor	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Pipe Pot Tender	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Pipe Reliner	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Pipe Wrapper	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Pot Tender	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Powderman	\$58.56	15J	4V	8Y	View
Lewis	Laborers	Powderman's Helper	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Power Jacks	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Railroad Spike Puller - Power	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Raker - Asphalt	\$59.85	15J	4V	8Y	View
Lewis	Laborers	Re-timberman	\$58.56	15J	4V	8Y	View
Lewis	Laborers	Remote Equipment Operator	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Rigger/Signal Person	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Rip Rap Person	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Rivet Buster	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Rodder	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Scaffold Erector	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Scale Person	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Sloper (Over 20")	\$57.84	15J	4V	8Y	View

Lewis	Laborers	Sloper Sprayer	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Spreader (Concrete)	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Stake Hopper	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Stock Piler	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Swinging Stage/Boatswain Chair	\$48.14	15J	4V	8Y	View
Lewis	Laborers	Tamper & Similar Electric, Air & Gas Operated Tools	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Tamper (Multiple & Self-propelled)	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Timber Person - Sewer (Lagger, Shorer & Cribber)	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Toolroom Person (at Jobsite)	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Topper	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Track Laborer	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Track Liner (Power)	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Traffic Control Laborer	\$51.48	15J	4V	9C	View
Lewis	Laborers	Traffic Control Supervisor	\$54.55	15J	4V	9C	View
Lewis	Laborers	Truck Spotter	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Tugger Operator	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Tunnel Work-Compressed Air Worker 0-30 psi	\$158.87	15J	4V	9B	View
Lewis	Laborers	Tunnel Work-Compressed Air Worker 30.01-44.00 psi	\$163.90	15J	4V	9B	View
Lewis	Laborers	Tunnel Work-Compressed Air Worker 44.01-54.00 psi	\$167.58	15J	4V	9B	View
Lewis	Laborers	Tunnel Work-Compressed Air Worker 54.01-60.00 psi	\$173.28	15J	4V	9B	View
Lewis	Laborers	Tunnel Work-Compressed Air Worker 60.01-64.00 psi	\$175.40	15J	4V	9B	View
Lewis	Laborers	Tunnel Work-Compressed Air Worker 64.01-68.00 psi	\$180.50	15J	4V	9B	View
Lewis	Laborers	Tunnel Work-Compressed Air Worker 68.01-70.00 psi	\$182.40	15J	4V	9B	View
Lewis	Laborers	Tunnel Work-Compressed Air Worker 70.01-72.00 psi	\$184.40	15J	4V	9B	View
Lewis	Laborers	Tunnel Work-Compressed Air Worker 72.01-74.00 psi	\$186.40	15J	4V	9B	View
Lewis	Laborers	Tunnel Work-Guage and Lock Tender	\$59.95	15J	4V	8Y	View
Lewis	Laborers	Tunnel Work-Miner	\$59.95	15J	4V	8Y	View
Lewis	Laborers	Vibrator	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Vinyl Seamer	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Watchman	\$43.76	15J	4V	8Y	View
Lewis	Laborers	Welder	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Well Point Laborer	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Window Washer/Cleaner	\$43.76	15J	4V	8Y	View
Lewis	Laborers - Underground Sewer & Water	General Laborer & Topman	\$56.80	15J	4V	8Y	View

Lewis	Laborers - Underground Sewer & Water	Pipe Layer	\$57.84	15J	4V	8Y	View
Lewis	Landscape Construction	Landscape Construction/Landscaping Or Planting Laborers	\$43.76	15J	4V	8Y	View
Lewis	Landscape Construction	Landscape Operator	\$74.83	15J	3K	8X	View
Lewis	Landscape Maintenance	Groundskeeper	\$15.74		1		View
Lewis	Lathers	Journey Level	\$71.53	15J	4C		View
Lewis	Marble Setters	Journey Level	\$66.32	7E	1N		View
Lewis	Metal Fabrication (In Shop)	Fitter	\$15.74		1		View
Lewis	Metal Fabrication (In Shop)	Laborer	\$15.74		1		View
Lewis	Metal Fabrication (In Shop)	Machine Operator	\$15.74		1		View
Lewis	Metal Fabrication (In Shop)	Painter	\$15.74		1		View
Lewis	Metal Fabrication (In Shop)	Welder	\$15.74		1		View
Lewis	Millwright	Journey Level	\$73.08	15J	4C		View
Lewis	Modular Buildings	Cabinet Assembly	\$15.74		1		View
Lewis	Modular Buildings	Electrician	\$15.74		1		View
Lewis	Modular Buildings	Equipment Maintenance	\$15.74		1		View
Lewis	Modular Buildings	Plumber	\$15.74		1		View
Lewis	Modular Buildings	Production Worker	\$15.74		1		View
Lewis	Modular Buildings	Tool Maintenance	\$15.74		1		View
Lewis	Modular Buildings	Utility Person	\$15.74		1		View
Lewis	Modular Buildings	Welder	\$15.74		1		View
Lewis	Painters	Journey Level	\$49.46	6Z	11J		View
Lewis	Pile Driver	Crew Tender	\$77.16	15J	4C		View
Lewis	Pile Driver	Journey Level	\$71.98	15J	4C		View
Lewis	Plasterers	Journey Level	\$67.49	7Q	1R		View
Lewis	Plasterers	Nozzleman	\$71.49	7Q	1R		View
Lewis	Playground & Park Equipment Installers	Journey Level	\$15.74		1		View
Lewis	Plumbers & Pipefitters	Journey Level	\$84.72	5A	1G		View
Lewis	Power Equipment Operators	Asphalt Plant Operator	\$76.08	15J	3K	8X	View
Lewis	Power Equipment Operators	Assistant Engineer	\$72.22	7A	11H	8X	View
Lewis	Power Equipment Operators	Barrier Machine (zipper)	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators	Batch Plant Operator: Concrete	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators	Bobcat	\$71.57	15J	3K	8X	View
Lewis	Power Equipment Operators	Brokk - Remote Demolition Equipment	\$71.57	15J	3K	8X	View
Lewis	Power Equipment Operators	Brooms	\$71.57	15J	3K	8X	View
Lewis	Power Equipment Operators	Bump Cutter	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators	Cableways	\$76.08	15J	3K	8X	View
Lewis	Power Equipment Operators	Chipper	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators	Compressor	\$71.57	15J	3K	8X	View
Lewis	Power Equipment Operators	Concrete Pump: Truck Mount With Boom Attachment Over 42m	\$76.08	15J	3K	8X	View

Lewis	Power Equipment Operators	Concrete Finish Machine - laser Screed	\$71.57	15J	3K	8X	View
Lewis	Power Equipment Operators	Concrete Pump - Mounted Or Trailer High Pressure Line Pump, Pump High Pressure	\$74.83	15J	3K	8X	View
Lewis	Power Equipment Operators	Concrete Pump: Truck Mount With Boom Attachment Up To 42m	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators	Conveyors	\$74.83	15J	3K	8X	View
Lewis	Power Equipment Operators	Cranes Friction: 200 tons and over	\$79.13	7A	11H	8X	View
Lewis	Power Equipment Operators	Cranes, A-frame: 10 tons and under	\$72.22	7A	11H	8X	View
Lewis	Power Equipment Operators	Cranes: 100 tons through 199 tons, or 150' of boom (including jib with attachments)	\$77.56	7A	11H	8X	View
Lewis	Power Equipment Operators	Cranes: 20 tons through 44 tons with attachments	\$76.11	7A	11H	8X	View
Lewis	Power Equipment Operators	Cranes: 200 tons- 299 tons, or 250' of boom including jib with attachments	\$78.36	7A	11H	8X	View
Lewis	Power Equipment Operators	Cranes: 300 tons and over or 300' of boom including jib with attachments	\$79.13	7A	11H	8X	View
Lewis	Power Equipment Operators	Cranes: 45 tons through 99 tons, under 150' of boom(including jib with attachments)	\$76.79	7A	11H	8X	View
Lewis	Power Equipment Operators	Cranes: Friction cranes through 199 tons	\$78.36	7A	11H	8X	View
Lewis	Power Equipment Operators	Cranes: through 19 tons with attachments, A-frame over 10 tons	\$75.53	7A	11H	8X	View
Lewis	Power Equipment Operators	Crusher	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators	Deck Engineer/deck Winches (power)	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators	Derricks: on building work	\$76.79	7A	11H	8X	View
Lewis	Power Equipment Operators	Dozers D-9 & Under	\$74.83	15J	3K	8X	View
Lewis	Power Equipment Operators	Drill Oilers: Auger Type, Truck Or Crane Mount	\$74.83	15J	3K	8X	View
Lewis	Power Equipment Operators	Drilling Machine	\$76.85	15J	3K	8X	View
Lewis	Power Equipment Operators	Elevator and man-lift: permanent and shaft type	\$72.22	7A	11H	8X	View
Lewis	Power Equipment Operators	Finishing Machine, Bidwell And Gamaco & Similar Equipment	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators	Forklift: 3000 lbs and over with attachments	\$75.53	7A	11H	8X	View
Lewis	Power Equipment Operators	Forklifts: under 3000 lbs. with attachments	\$72.22	7A	11H	8X	View

Lewis	Power Equipment Operators	Grade Engineer: Using Blueprints, Cut Sheets,etc.	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators	Gradechecker/stakeman	\$71.57	15J	3K	8X	View
Lewis	Power Equipment Operators	Guardrail punch/Auger	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators	Hard Tail End Dump Articulating Off- Road Equipment 45 Yards. & Over	\$76.08	15J	3K	8X	View
Lewis	Power Equipment Operators	Hard Tail End Dump Articulating Off-road Equipment Under 45 Yards	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators	Horizontal/directional Drill Locator	\$74.83	15J	3K	8X	View
Lewis	Power Equipment Operators	Horizontal/directional Drill Operator	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators	Hydralifts/boom trucks: 10 tons and under	\$72.22	7A	11H	8X	View
Lewis	Power Equipment Operators	Hydralifts/boom trucks: over 10 tons	\$75.53	7A	11H	8X	View
Lewis	Power Equipment Operators	Loader, Overhead 8 Yards. & Over	\$76.85	15J	3K	8X	View
Lewis	Power Equipment Operators	Loader, Overhead, 6 Yards. But Not Including 8 Yards	\$76.08	15J	3K	8X	View
Lewis	Power Equipment Operators	Loaders, Overhead Under 6 Yards	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators	Loaders, Plant Feed	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators	Loaders: Elevating Type Belt	\$74.83	15J	3K	8X	View
Lewis	Power Equipment Operators	Locomotives, All	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators	Material Transfer Device	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators	Mechanics: all (Leadmen - \$0.50 per hour over mechanic)	\$77.56	7A	11H	8X	View
Lewis	Power Equipment Operators	Motor patrol graders	\$76.08	15J	3K	8X	View
Lewis	Power Equipment Operators	Mucking Machine, Mole, Tunnel Drill, Boring, Road Header And/or Shield	\$76.08	15J	3K	8X	View
Lewis	Power Equipment Operators	Oil Distributors, Blower Distribution & Mulch Seeding Operator	\$71.57	15J	3K	8X	View
Lewis	Power Equipment Operators	Outside Hoists (elevators and manlifts), Air Tuggers, Strato	\$75.53	7A	11H	8X	View
Lewis	Power Equipment Operators	Overhead, bridge type Crane: 20 tons through 44 tons	\$76.11	7A	11H	8X	View
Lewis	Power Equipment Operators	Overhead, bridge type: 100 tons and over	\$77.56	7A	11H	8X	View
Lewis	Power Equipment Operators	Overhead, bridge type: 45 tons through 99 tons	\$76.79	7A	11H	8X	View
Lewis	Power Equipment Operators	Pavement Breaker	\$71.57	15J	3K	8X	View

Lewis	Power Equipment Operators	Pile Driver (other Than Crane Mount)	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators	Plant Oiler - Asphalt, Crusher	\$74.83	15J	3K	8X	View
Lewis	Power Equipment Operators	Posthole Digger, Mechanical	\$71.57	15J	3K	8X	View
Lewis	Power Equipment Operators	Power Plant	\$71.57	15J	3K	8X	View
Lewis	Power Equipment Operators	Pumps - Water	\$71.57	15J	3K	8X	View
Lewis	Power Equipment Operators	Quad 9, HD 41, D10 And Over	\$76.08	15J	3K	8X	View
Lewis	Power Equipment Operators	Quick Tower: no cab, under 100 feet in height based to boom	\$72.22	7A	11H	8X	View
Lewis	Power Equipment Operators	Remote Control Operator On Rubber Tired Earth Moving Equipment	\$76.08	15J	3K	8X	View
Lewis	Power Equipment Operators	Rigger and Bellman	\$72.22	7A	11H	8X	View
Lewis	Power Equipment Operators	Rigger/Signal Person, Bellman(Certified)	\$75.53	7A	11H	8X	View
Lewis	Power Equipment Operators	Rollagon	\$76.08	15J	3K	8X	View
Lewis	Power Equipment Operators	Roller, Other Than Plant Mix	\$71.57	15J	3K	8X	View
Lewis	Power Equipment Operators	Roller, Plant Mix Or Multi-lift Materials	\$74.83	15J	3K	8X	View
Lewis	Power Equipment Operators	Roto-mill, Roto-grinder	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators	Saws - Concrete	\$74.83	15J	3K	8X	View
Lewis	Power Equipment Operators	Scraper, Self Propelled Under 45 Yards	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators	Scrapers - Concrete & Carry All	\$74.83	15J	3K	8X	View
Lewis	Power Equipment Operators	Scrapers, Self-propelled: 45 Yards And Over	\$76.08	15J	3K	8X	View
Lewis	Power Equipment Operators	Service Engineers: equipment	\$75.53	7A	11H	8X	View
Lewis	Power Equipment Operators	Shotcrete/gunite Equipment	\$71.57	15J	3K	8X	View
Lewis	Power Equipment Operators	Shovel, Excavator, Backhoe, Tractors Under 15 Metric Tons	\$74.83	15J	3K	8X	View
Lewis	Power Equipment Operators	Shovel, Excavator, Backhoe: Over 30 Metric Tons To 50 Metric Tons	\$76.08	15J	3K	8X	View
Lewis	Power Equipment Operators	Shovel, Excavator, Backhoes, Tractors: 15 To 30 Metric Tons	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators	Shovel, Excavator, Backhoes: Over 50 Metric Tons To 90 Metric Tons	\$76.85	15J	3K	8X	View
Lewis	Power Equipment Operators	Shovel, Excavator, Backhoes: Over 90 Metric Tons	\$77.63	15J	3K	8X	View
Lewis	Power Equipment Operators	Slipform Pavers	\$76.08	15J	3K	8X	View

Lewis	Power Equipment Operators	Spreader, Topsider & Screedman	\$76.08	15J	3K	8X	View
Lewis	Power Equipment Operators	Subgrader Trimmer	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators	Tower Bucket Elevators	\$74.83	15J	3K	8X	View
Lewis	Power Equipment Operators	Tower Crane: over 175' through 250' in height, base to boom	\$78.36	7A	11H	8X	View
Lewis	Power Equipment Operators	Tower crane: up to 175' in height base to boom	\$77.56	7A	11H	8X	View
Lewis	Power Equipment Operators	Tower Cranes: over 250' in height from base to boom.	\$79.13	7A	11H	8X	View
Lewis	Power Equipment Operators	Transporters, All Track Or Truck Type	\$76.08	15J	3K	8X	View
Lewis	Power Equipment Operators	Trenching Machines	\$74.83	15J	3K	8X	View
Lewis	Power Equipment Operators	Truck Crane Oiler/Driver: 100 tons and over	\$76.11	7A	11H	8X	View
Lewis	Power Equipment Operators	Truck crane oiler/driver: under 100 tons	\$75.53	7A	11H	8X	View
Lewis	Power Equipment Operators	Truck Mount Portable Conveyor	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators	Vac Truck (Vactor Guzzler, Hydro Excavator)	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators	Welder	\$76.79	7A	11H	8X	View
Lewis	Power Equipment Operators	Wheel Tractors, Farmall Type	\$71.57	15J	3K	8X	View
Lewis	Power Equipment Operators	Yo Yo Pay Dozer	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Asphalt Plant Operator	\$76.08	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Assistant Engineer	\$72.22	7A	11H	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Barrier Machine (zipper)	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Batch Plant Operator: Concrete	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Bobcat	\$71.57	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Brokk - Remote Demolition Equipment	\$71.57	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Brooms	\$71.57	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Bump Cutter	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground	Cableways	\$76.08	15J	3K	8X	View

	Sewer & Water						
Lewis	Power Equipment Operators- Underground Sewer & Water	Chipper	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Compressor	\$71.57	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Concrete Pump: Truck Mount With Boom Attachment Over 42m	\$76.08	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Concrete Finish Machine - laser Screed	\$71.57	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Concrete Pump - Mounted Or Trailer High Pressure Line Pump, Pump High Pressure	\$74.83	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Concrete Pump: Truck Mount With Boom Attachment Up To 42m	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Conveyors	\$74.83	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Cranes Friction: 200 tons and over	\$79.13	7A	11H	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Cranes, A-frame: 10 tons and under	\$72.22	7A	11H	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Cranes: 100 tons through 199 tons, or 150' of boom (including jib with attachments)	\$77.56	7A	11H	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Cranes: 20 tons through 44 tons with attachments	\$76.11	7A	11H	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Cranes: 200 tons- 299 tons, or 250' of boom including jib with attachments	\$78.36	7A	11H	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Cranes: 300 tons and over or 300' of boom including jib with attachments	\$79.13	7A	11H	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Cranes: 45 tons through 99 tons, under 150' of boom(including jib with attachments)	\$76.79	7A	11H	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Cranes: Friction cranes through 199 tons	\$78.36	7A	11H	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Cranes: through 19 tons with attachments, A-frame over 10 tons	\$75.53	7A	11H	8X	View
Lewis	Power Equipment Operators- Underground	Crusher	\$75.41	15J	3K	8X	View

	Sewer & Water						
Lewis	Power Equipment Operators- Underground Sewer & Water	Deck Engineer/deck Winches (power)	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Derricks: on building work	\$76.79	7A	11H	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Dozers D-9 & Under	\$74.83	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Drill Oilers: Auger Type, Truck Or Crane Mount	\$74.83	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Drilling Machine	\$76.85	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Elevator and man-lift: permanent and shaft type	\$72.22	7A	11H	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Finishing Machine, Bidwell And Gamaco & Similar Equipment	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Forklift: 3000 lbs and over with attachments	\$75.53	7A	11H	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Forklifts: under 3000 lbs. with attachments	\$72.22	7A	11H	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Grade Engineer: Using Blueprints, Cut Sheets,etc.	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Gradechecker/stakeman	\$71.57	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Guardrail punch/Auger	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Hard Tail End Dump Articulating Off- Road Equipment 45 Yards. & Over	\$76.08	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Hard Tail End Dump Articulating Off-road Equipment Under 45 Yards	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Horizontal/directional Drill Locator	\$74.83	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Horizontal/directional Drill Operator	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Hydralifts/boom trucks: 10 tons and under	\$72.22	7A	11H	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Hydralifts/boom trucks: over 10 tons	\$75.53	7A	11H	8X	View

	Sewer & Water						
Lewis	Power Equipment Operators- Underground Sewer & Water	Loader, Overhead 8 Yards. & Over	\$76.85	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Loader, Overhead, 6 Yards. But Not Including 8 Yards	\$76.08	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Loaders, Overhead Under 6 Yards	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Loaders, Plant Feed	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Loaders: Elevating Type Belt	\$74.83	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Locomotives, All	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Material Transfer Device	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Mechanics: all (Leadmen - \$0.50 per hour over mechanic)	\$77.56	7A	11H	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Motor patrol graders	\$76.08	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Mucking Machine, Mole, Tunnel Drill, Boring, Road Header And/or Shield	\$76.08	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Oil Distributors, Blower Distribution & Mulch Seeding Operator	\$71.57	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Outside Hoists (elevators and manlifts), Air Tuggers, Strato	\$75.53	7A	11H	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Overhead, bridge type Crane: 20 tons through 44 tons	\$76.11	7A	11H	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Overhead, bridge type: 100 tons and over	\$77.56	7A	11H	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Overhead, bridge type: 45 tons through 99 tons	\$76.79	7A	11H	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Pavement Breaker	\$71.57	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Pile Driver (other Than Crane Mount)	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Plant Oiler - Asphalt, Crusher	\$74.83	15J	3K	8X	View

Lewis	Power Equipment Operators- Underground Sewer & Water	Posthole Digger, Mechanical	\$71.57	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Power Plant	\$71.57	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Pumps - Water	\$71.57	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Quad 9, HD 41, D10 And Over	\$76.08	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Quick Tower: no cab, under 100 feet in height based to boom	\$72.22	7A	11H	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Remote Control Operator On Rubber Tired Earth Moving Equipment	\$76.08	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Rigger and Bellman	\$72.22	7A	11H	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Rigger/Signal Person, Bellman(Certified)	\$75.53	7A	11H	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Rollagon	\$76.08	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Roller, Other Than Plant Mix	\$71.57	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Roller, Plant Mix Or Multi-lift Materials	\$74.83	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Roto-mill, Roto-grinder	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Saws - Concrete	\$74.83	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Scraper, Self Propelled Under 45 Yards	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Scrapers - Concrete & Carry All	\$74.83	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Scrapers, Self-propelled: 45 Yards And Over	\$76.08	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Service Engineers: equipment	\$75.53	7A	11H	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Shotcrete/gunite Equipment	\$71.57	15J	3K	8X	View

Lewis	Power Equipment Operators- Underground Sewer & Water	Shovel, Excavator, Backhoe, Tractors Under 15 Metric Tons	\$74.83	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Shovel, Excavator, Backhoe: Over 30 Metric Tons To 50 Metric Tons	\$76.08	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Shovel, Excavator, Backhoes, Tractors: 15 To 30 Metric Tons	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Shovel, Excavator, Backhoes: Over 50 Metric Tons To 90 Metric Tons	\$76.85	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Slipform Pavers	\$76.08	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Spreader, Topsider & Screedman	\$76.08	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Subgrader Trimmer	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Tower Bucket Elevators	\$74.83	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Tower Crane: over 175' through 250' in height, base to boom	\$78.36	7A	11H	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Tower crane: up to 175' in height base to boom	\$77.56	7A	11H	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Tower Cranes: over 250' in height from base to boom.	\$79.13	7A	11H	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Transporters, All Track Or Truck Type	\$76.08	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Trenching Machines	\$74.83	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Truck Crane Oiler/Driver: 100 tons and over	\$76.11	7A	11H	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Truck crane oiler/driver: under 100 tons	\$75.53	7A	11H	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Truck Mount Portable Conveyor	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Vac Truck (Vactor Guzzler, Hydro Excavator)	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Welder	\$76.79	7A	11H	8X	View

Lewis	Power Equipment Operators- Underground Sewer & Water	Wheel Tractors, Farmall Type	\$71.57	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Yo Yo Pay Dozer	\$75.41	15J	3K	8X	View
Lewis	Power Line Clearance Tree Trimmers	Journey Level In Charge	\$57.22	5A	4A		View
Lewis	Power Line Clearance Tree Trimmers	Spray Person	\$54.32	5A	4A		View
Lewis	Power Line Clearance Tree Trimmers	Tree Equipment Operator	\$57.22	5A	4A		View
Lewis	Power Line Clearance Tree Trimmers	Tree Trimmer	\$51.18	5A	4A		View
Lewis	Power Line Clearance Tree Trimmers	Tree Trimmer Groundperson	\$38.99	5A	4A		View
Lewis	Refrigeration & Air Conditioning Mechanics	Journey Level	\$85.71	5A	1G		View
Lewis	Residential Brick Mason	Journey Level	\$21.96		1		View
Lewis	Residential Carpenters	Journey Level	\$24.89		1		View
Lewis	Residential Cement Masons	Journey Level	\$16.79		1		View
Lewis	Residential Drywall Applicators	Journey Level	\$36.07		1		View
Lewis	Residential Drywall Tapers	Journey Level	\$24.48		1		View
Lewis	Residential Electricians	Journey Level	\$43.03	6Z	1B		View
Lewis	Residential Glaziers	Journey Level	\$25.40		1		View
Lewis	Residential Insulation Applicators	Journey Level	\$28.53		1		View
Lewis	Residential Laborers	Journey Level	\$23.10		1		View
Lewis	Residential Marble Setters	Journey Level	\$21.96		1		View
Lewis	Residential Painters	Journey Level	\$18.76		1		View
Lewis	Residential Plumbers & Pipefitters	Journey Level	\$26.35		1		View
Lewis	Residential Refrigeration & Air Conditioning Mechanics	Journey Level	\$32.89		1		View
Lewis	Residential Sheet Metal Workers	Journey Level	\$33.28		1		View
Lewis	Residential Soft Floor Layers	Journey Level	\$15.74		1		View
Lewis	Residential Sprinkler Fitters (Fire Protection)	Journey Level	\$20.28		1		View
Lewis	Residential Stone Masons	Journey Level	\$21.96		1		View
Lewis	Residential Terrazzo Workers	Journey Level	\$15.74		1		View
Lewis	Residential Terrazzo/Tile Finishers	Journey Level	\$15.74		1		View
Lewis	Residential Tile Setters	Journey Level	\$15.74		1		View
Lewis	Roofers	Journey Level	\$60.90	5A	3H		View
Lewis	Roofers	Using Irritable Bituminous Materials	\$63.90	5A	3H		View
Lewis	Sheet Metal Workers	Journey Level (Field or Shop)	\$94.11	7F	1E		View

Lewis	Sign Makers & Installers (Electrical)	Journey Level	\$18.04		<u>1</u>		View
Lewis	Sign Makers & Installers (Non-Electrical)	Journey Level	\$56.80	<u>15J</u>	<u>4V</u>	<u>8Y</u>	View
Lewis	Soft Floor Layers	Journey Level	\$62.39	<u>15J</u>	<u>4C</u>		View
Lewis	Solar Controls For Windows	Journey Level	\$15.74		<u>1</u>		View
Lewis	Sprinkler Fitters (Fire Protection)	Journey Level	\$70.52	<u>7J</u>	<u>1R</u>		View
Lewis	Stage Rigging Mechanics (Non Structural)	Journey Level	\$15.74		<u>1</u>		View
Lewis	Stone Masons	Journey Level	\$66.32	<u>7E</u>	<u>1N</u>		View
Lewis	Street And Parking Lot Sweeper Workers	Journey Level	\$16.00		<u>1</u>		View
Lewis	Surveyors	Assistant Construction Site Surveyor	\$75.53	<u>7A</u>	<u>11H</u>	<u>8X</u>	View
Lewis	Surveyors	Chainman	\$72.22	<u>7A</u>	<u>11H</u>	<u>8X</u>	View
Lewis	Surveyors	Construction Site Surveyor	\$76.79	<u>7A</u>	<u>11H</u>	<u>8X</u>	View
Lewis	Surveyors	Drone Operator (when used in conjunction with surveying work only)	\$72.22	<u>7A</u>	<u>11H</u>	<u>8X</u>	View
Lewis	Surveyors	Ground Penetrating Radar	\$72.22	<u>7A</u>	<u>11H</u>	<u>8X</u>	View
Lewis	Telecommunication Technicians	Journey Level	\$51.14	<u>6Z</u>	<u>1B</u>		View
Lewis	Telephone Line Construction - Outside	Cable Splicer	\$39.15	<u>5A</u>	<u>2B</u>		View
Lewis	Telephone Line Construction - Outside	Hole Digger/Ground Person	\$26.29	<u>5A</u>	<u>2B</u>		View
Lewis	Telephone Line Construction - Outside	Telephone Equipment Operator (Light)	\$32.72	<u>5A</u>	<u>2B</u>		View
Lewis	Telephone Line Construction - Outside	Telephone Lineperson	\$37.00	<u>5A</u>	<u>2B</u>		View
Lewis	Terrazzo Workers	Journey Level	\$60.36	<u>7E</u>	<u>1N</u>		View
Lewis	Tile Setters	Journey Level	\$60.36	<u>7E</u>	<u>1N</u>		View
Lewis	Tile, Marble & Terrazzo Finishers	Finisher	\$51.19	<u>7E</u>	<u>1N</u>		View
Lewis	Traffic Control Stripers	Journey Level	\$51.90	<u>7A</u>	<u>1K</u>		View
Lewis	Truck Drivers	Asphalt Mix Over 16 Yards	\$71.70	<u>15J</u>	<u>11M</u>	<u>8L</u>	View
Lewis	Truck Drivers	Asphalt Mix To 16 Yards	\$70.86	<u>15J</u>	<u>11M</u>	<u>8L</u>	View
Lewis	Truck Drivers	Dump Truck	\$70.86	<u>15J</u>	<u>11M</u>	<u>8L</u>	View
Lewis	Truck Drivers	Dump Truck & Trailer	\$71.70	<u>15J</u>	<u>11M</u>	<u>8L</u>	View
Lewis	Truck Drivers	Other Trucks	\$71.70	<u>15J</u>	<u>11M</u>	<u>8L</u>	View
Lewis	Truck Drivers - Ready Mix	Transit Mix	\$71.70	<u>15J</u>	<u>11M</u>	<u>8L</u>	View
Lewis	Well Drillers & Irrigation Pump Installers	Irrigation Pump Installer	\$18.18		<u>1</u>		View
Lewis	Well Drillers & Irrigation Pump Installers	Oiler	\$15.74		<u>1</u>		View
Lewis	Well Drillers & Irrigation Pump Installers	Well Driller	\$18.00		<u>1</u>		View

Washington State Department of Labor and Industries
Policy Statement
(Regarding the Production of "Standard" or "Non-standard" Items)

Below is the department's (State L&I's) list of criteria to be used in determining whether a prefabricated item is "standard" or "non-standard". For items not appearing on WSDOT's predetermined list, these criteria shall be used by the Contractor (and the Contractor's subcontractors, agents to subcontractors, suppliers, manufacturers, and fabricators) to determine coverage under RCW 39.12. The production, in the State of Washington, of non-standard items is covered by RCW 39.12, and the production of standard items is not. The production of any item outside the State of Washington is not covered by RCW 39.12.

1. Is the item fabricated for a public works project? If not, it is not subject to RCW 39.12. If it is, go to question 2.
2. Is the item fabricated on the public works jobsite? If it is, the work is covered under RCW 39.12. If not, go to question 3.
3. Is the item fabricated in an assembly/fabrication plant set up for, and dedicated primarily to, the public works project? If it is, the work is covered by RCW 39.12. If not, go to question 4.
4. Does the item require any assembly, cutting, modification or other fabrication by the supplier? If not, the work is not covered by RCW 39.12. If yes, go to question 5.
5. Is the prefabricated item intended for the public works project typically an inventory item which could reasonably be sold on the general market? If not, the work is covered by RCW 39.12. If yes, go to question 6.
6. Does the specific prefabricated item, generally defined as standard, have any unusual characteristics such as shape, type of material, strength requirements, finish, etc? If yes, the work is covered under RCW 39.12.

Any firm with questions regarding the policy, WSDOT's Predetermined List, or for determinations of covered and non-covered workers shall be directed to State L&I at (360) 902-5330.

**WSDOT's
Predetermined List for
Suppliers - Manufactures - Fabricator**

Below is a list of potentially prefabricated items, originally furnished by WSDOT to Washington State Department of Labor and Industries, that may be considered non-standard and therefore covered by the prevailing wage law, RCW 39.12. Items marked with an X in the "YES" column should be considered to be non-standard and therefore covered by RCW 39.12. Items marked with an X in the "NO" column should be considered to be standard and therefore not covered. Of course, exceptions to this general list may occur, and in that case shall be evaluated according to the criteria described in State and L&I's policy statement.

ITEM DESCRIPTION	YES	NO
1. Metal rectangular frames, solid metal covers, herringbone grates, and bi-directional vaned grates for Catch Basin Types 1, 1L, 1P, and 2 and Concrete Inlets. See Std. Plans		X
2. Metal circular frames (rings) and covers, circular grates, and prefabricated ladders for Manhole Types 1, 2, and 3, Drywell Types 1, 2, and 3 and Catch Basin Type 2. See Std. Plans		X
3. Prefabricated steel grate supports and welded grates, metal frames and dual vaned grates, and Type 1, 2, and 3 structural tubing grates for Drop Inlets. See Std. Plans.		X
4. Concrete Pipe - Plain Concrete pipe and reinforced concrete pipe Class 2 to 5 sizes smaller than 60 inch diameter.		X
5. Concrete Pipe - Plain Concrete pipe and reinforced concrete pipe Class 2 to 5 sizes larger than 60 inch diameter.		X
6. Corrugated Steel Pipe - Steel lock seam corrugated pipe for culverts and storm sewers, sizes 30 inch to 120 inches in diameter. May also be treated, 1 thru 5.		X
7. Corrugated Aluminum Pipe - Aluminum lock seam corrugated pipe for culverts and storm sewers, sizes 30 inch to 120 inches in diameter. May also be treated, #5.		X

ITEM DESCRIPTION	YES	NO
8. Anchor Bolts & Nuts - Anchor Bolts and Nuts, for mounting sign structures, luminaries and other items, shall be made from commercial bolt stock. See Contract Plans and Std. Plans for size and material type.		X
9. Aluminum Pedestrian Handrail - Pedestrian handrail conforming to the type and material specifications set forth in the contract plans. Welding of aluminum shall be in accordance with Section 9-28.14(3).	X	
10. Major Structural Steel Fabrication - Fabrication of major steel items such as trusses, beams, girders, etc., for bridges.	X	
11. Minor Structural Steel Fabrication - Fabrication of minor steel Items such as special hangers, brackets, access doors for structures, access ladders for irrigation boxes, bridge expansion joint systems, etc., involving welding, cutting, punching and/or boring of holes. See Contact Plans for item description and shop drawings.	X	
12. Aluminum Bridge Railing Type BP - Metal bridge railing conforming to the type and material specifications set forth in the Contract Plans. Welding of aluminum shall be in accordance with Section 9-28.14(3).		X
13. Concrete Piling--Precast-Prestressed concrete piling for use as 55 and 70 ton concrete piling. Concrete to conform to Section 9-19.1 of Std. Spec..	X	
14. Precast Manhole Types 1, 2, and 3 with cones, adjustment sections and flat top slabs. See Std. Plans.		X
15. Precast Drywell Types 1, 2, and with cones and adjustment Sections. See Std. Plans.		X
16. Precast Catch Basin - Catch Basin type 1, 1L, 1P, and 2 With adjustment sections. See Std. Plans.		X

ITEM DESCRIPTION	YES	NO
17. Precast Concrete Inlet - with adjustment sections, See Std. Plans		X
18. Precast Drop Inlet Type 1 and 2 with metal grate supports. See Std. Plans.		X
19. Precast Grate Inlet Type 2 with extension and top units. See Std. Plans		X
20. Metal frames, vaned grates, and hoods for Combination Inlets. See Std. Plans		X
21. Precast Concrete Utility Vaults - Precast Concrete utility vaults of various sizes. Used for in ground storage of utility facilities and controls. See Contract Plans for size and construction requirements. Shop drawings are to be provided for approval prior to casting		X
22. Vault Risers - For use with Valve Vaults and Utilities X Vaults.		X
23. Valve Vault - For use with underground utilities. See Contract Plans for details.		X
24. Precast Concrete Barrier - Precast Concrete Barrier for use as new barrier or may also be used as Temporary Concrete Barrier. Only new state approved barrier may be used as permanent barrier.		X
25. Reinforced Earth Wall Panels – Reinforced Earth Wall Panels in size and shape as shown in the Plans. Fabrication plant has annual approval for methods and materials to be used. See Shop Drawing. Fabrication at other locations may be approved, after facilities inspection, contact HQ. Lab.	X	
26. Precast Concrete Walls - Precast Concrete Walls - tilt-up wall panel in size and shape as shown in Plans. Fabrication plant has annual approval for methods and materials to be used	X	

ITEM DESCRIPTION	YES	NO
27. Precast Railroad Crossings - Concrete Crossing Structure Slabs.	X	
28. 12, 18 and 26 inch Standard Precast Prestressed Girder – Standard Precast Prestressed Girder for use in structures. Fabricator plant has annual approval of methods and materials to be used. Shop Drawing to be provided for approval prior to casting girders. See Std. Spec. Section 6-02.3(25)A	X	
29. Prestressed Concrete Girder Series 4-14 - Prestressed Concrete Girders for use in structures. Fabricator plant has annual approval of methods and materials to be used. Shop Drawing to be provided for approval prior to casting girders. See Std. Spec. Section 6-02.3(25)A	X	
30. Prestressed Tri-Beam Girder - Prestressed Tri-Beam Girders for use in structures. Fabricator plant has annual approval of methods and materials to be used. Shop Drawing to be provided for approval prior to casting girders. See Std. Spec. Section 6-02.3(25)A	X	
31. Prestressed Precast Hollow-Core Slab – Precast Prestressed Hollow-core slab for use in structures. Fabricator plant has annual approval of methods and materials to be used. Shop Drawing to be provided for approval prior to casting girders. See Std. Spec. Section 6-02.3(25)A.	X	
32. Prestressed-Bulb Tee Girder - Bulb Tee Prestressed Girder for use in structures. Fabricator plant has annual approval of methods and materials to be used. Shop Drawing to be provided for approval prior to casting girders. See Std. Spec. Section 6-02.3(25)A	X	
33. Monument Case and Cover See Std. Plan.		X

ITEM DESCRIPTION	YES	NO
34. Cantilever Sign Structure - Cantilever Sign Structure fabricated from steel tubing meeting AASHTO-M-183. See Std. Plans, and Contract Plans for details. The steel structure shall be galvanized after fabrication in accordance with AASHTO-M-111.	X	
35. Mono-tube Sign Structures - Mono-tube Sign Bridge fabricated to details shown in the Plans. Shop drawings for approval are required prior to fabrication.	X	
36. Steel Sign Bridges - Steel Sign Bridges fabricated from steel tubing meeting AASHTO-M-138 for Aluminum Alloys. See Std. Plans, and Contract Plans for details. The steel structure shall be galvanized after fabrication in accordance with AASHTO-M-111.	X	
37. Steel Sign Post - Fabricated Steel Sign Posts as detailed in Std Plans. Shop drawings for approval are to be provided prior to fabrication		X
38. Light Standard-Prestressed - Spun, prestressed, hollow concrete poles.	X	
39. Light Standards - Lighting Standards for use on highway illumination systems, poles to be fabricated to conform with methods and materials as specified on Std. Plans. See Special Provisions for pre-approved drawings.	X	
40. Traffic Signal Standards - Traffic Signal Standards for use on highway and/or street signal systems. Standards to be fabricated to conform with methods and material as specified on Std. Plans. See Special Provisions for pre-approved drawings	X	
41. Precast Concrete Sloped Mountable Curb (Single and DualFaced) See Std. Plans.		X

ITEM DESCRIPTION	YES	NO
42. Traffic Signs - Prior to approval of a Fabricator of Traffic Signs, the sources of the following materials must be submitted and approved for reflective sheeting, legend material, and aluminum sheeting. NOTE: *** Fabrication inspection required. Only signs tagged "Fabrication Approved" by WSDOT Sign Fabrication Inspector to be installed	X	X
	Custom Message	Std Signing Message
43. Cutting & bending reinforcing steel		X
44. Guardrail components	X	X
	Custom End Sec	Standard Sec
45. Aggregates/Concrete mixes	Covered by WAC 296-127-018	
46. Asphalt	Covered by WAC 296-127-018	
47. Fiber fabrics		X
48. Electrical wiring/components		X
49. treated or untreated timber pile		X
50. Girder pads (elastomeric bearing)	X	
51. Standard Dimension lumber		X
52. Irrigation components		X

ITEM DESCRIPTION	YES	NO
53. Fencing materials		X
54. Guide Posts		X
55. Traffic Buttons		X
56. Epoxy		X
57. Cribbing		X
58. Water distribution materials		X
59. Steel "H" piles		X
60. Steel pipe for concrete pile casings		X
61. Steel pile tips, standard		X
62. Steel pile tips, custom	X	

Prefabricated items specifically produced for public works projects that are prefabricated in a county other than the county wherein the public works project is to be completed, the wage for the offsite prefabrication shall be the applicable prevailing wage for the county in which the actual prefabrication takes place.

It is the manufacturer of the prefabricated product to verify that the correct county wage rates are applied to work they perform.

See RCW [39.12.010](#)

(The definition of "locality" in RCW [39.12.010](#)(2) contains the phrase "wherein the physical work is being performed." The department interprets this phrase to mean the actual work site.

WSDOT's List of State Occupations not applicable to Heavy and Highway Construction Projects

This project is subject to the state hourly minimum rates for wages and fringe benefits in the contract provisions, as provided by the state Department of Labor and Industries.

The following list of occupations, is comprised of those occupations that are not normally used in the construction of heavy and highway projects.

When considering job classifications for use and / or payment when bidding on, or building heavy and highway construction projects for, or administered by WSDOT, these Occupations will be excepted from the included "Washington State Prevailing Wage Rates For Public Work Contracts" documents.

- Building Service Employees
- Electrical Fixture Maintenance Workers
- Electricians - Motor Shop
- Heating Equipment Mechanics
- Industrial Engine and Machine Mechanics
- Industrial Power Vacuum Cleaners
- Inspection, Cleaning, Sealing of Water Systems by Remote Control
- Laborers - Underground Sewer & Water
- Machinists (Hydroelectric Site Work)
- Modular Buildings
- Playground & Park Equipment Installers
- Power Equipment Operators - Underground Sewer & Water
- Residential *** ALL ASSOCIATED RATES ***
- Sign Makers and Installers (Non-Electrical)
- Sign Makers and Installers (Electrical)
- Stage Rigging Mechanics (Non Structural)

The following occupations may be used only as outlined in the preceding text concerning "WSDOT's list for Suppliers - Manufacturers - Fabricators"

- Fabricated Precast Concrete Products
- Metal Fabrication (In Shop)

Definitions for the Scope of Work for prevailing wages may be found at the Washington State Department of Labor and Industries web site and in WAC Chapter 296-127.

Washington State Department of Labor and Industries
Policy Statements
(Regarding Production and Delivery of Gravel, Concrete, Asphalt, etc.)

WAC 296-127-018 Agency filings affecting this section

Coverage and exemptions of workers involved in the production and delivery of gravel, concrete, asphalt, or similar materials.

(1) The materials covered under this section include but are not limited to: Sand, gravel, crushed rock, concrete, asphalt, or other similar materials.

(2) All workers, regardless of by whom employed, are subject to the provisions of chapter 39.12 RCW when they perform any or all of the following functions:

(a) They deliver or discharge any of the above-listed materials to a public works project site:

(i) At one or more point(s) directly upon the location where the material will be incorporated into the project; or

(ii) At multiple points at the project; or

(iii) Adjacent to the location and coordinated with the incorporation of those materials.

(b) They wait at or near a public works project site to perform any tasks subject to this section of the rule.

(c) They remove any materials from a public works construction site pursuant to contract requirements or specifications (e.g., excavated materials, materials from demolished structures, clean-up materials, etc.).

(d) They work in a materials production facility (e.g., batch plant, borrow pit, rock quarry, etc.,) which is established for a public works project for the specific, but not necessarily exclusive, purpose of supplying materials for the project.

(e) They deliver concrete to a public works site regardless of the method of incorporation.

(f) They assist or participate in the incorporation of any materials into the public works project.

(3) All travel time that relates to the work covered under subsection (2) of this section requires the payment of prevailing wages. Travel time includes time spent waiting to load, loading, transporting, waiting to unload, and delivering materials. Travel time would include all time spent in travel in support of a public works project whether the vehicle is empty or full. For example, travel time spent returning to a supply source to obtain another load of material for use on a public works site or returning to the public works site to obtain another load of excavated material is time spent in travel that is subject to prevailing wage. Travel to a supply source, including travel from a public works site, to obtain materials for use on a private project would not be travel subject to the prevailing wage.

(4) Workers are not subject to the provisions of chapter 39.12 RCW when they deliver materials to a stockpile.

(a) A "stockpile" is defined as materials delivered to a pile located away from the site of incorporation such that the stockpiled materials must be physically moved from the stockpile and transported to another location on the project site in order to be incorporated into the project.

(b) A stockpile does not include any of the functions described in subsection (2)(a) through (f) of this section; nor does a stockpile include materials delivered or distributed to multiple locations upon the project site; nor does a stockpile include materials dumped at the place of incorporation, or adjacent to the location and coordinated with the incorporation.

(5) The applicable prevailing wage rate shall be determined by the locality in which the work is performed. Workers subject to subsection (2)(d) of this section, who produce such materials at an off-site facility shall be paid the applicable prevailing wage rates for the county in which the off-site facility is located. Workers subject to subsection (2) of this section, who deliver such materials to a public works project site shall be paid the applicable prevailing wage rates for the county in which the public works project is located.

[Statutory Authority: Chapter 39.12 RCW, RCW 43.22.051 and 43.22.270. 08-24-101, § 296-127-018, filed 12/2/08, effective 1/2/09. Statutory Authority: Chapters 39.04 and 39.12 RCW and RCW 43.22.270. 92-01-104 and 92-08-101, § 296-127-018, filed 12/18/91 and 4/1/92, effective 8/31/92.]

Benefit Code Key – Effective 3/3/2023 thru 8/30/2023

Overtime Codes

Overtime calculations are based on the hourly rate actually paid to the worker. On public works projects, the hourly rate must be not less than the prevailing rate of wage minus the hourly rate of the cost of fringe benefits actually provided for the worker.

1. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.
 - B. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
 - C. The first two (2) hours after eight (8) regular hours Monday through Friday and the first ten (10) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other overtime hours and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
 - D. The first two (2) hours before or after a five-eight (8) hour workweek day or a four-ten (10) hour workweek day and the first eight (8) hours worked the next day after either workweek shall be paid at one and one-half times the hourly rate of wage. All additional hours worked and all worked on Sundays and holidays shall be paid at double the hourly rate of wage.
 - E. The first two (2) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other hours worked Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
 - F. The first two (2) hours after eight (8) regular hours Monday through Friday and the first ten (10) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other overtime hours worked, except Labor Day, shall be paid at double the hourly rate of wage. All hours worked on Labor Day shall be paid at three times the hourly rate of wage.
 - G. The first ten (10) hours worked on Saturdays and the first ten (10) hours worked on a fifth calendar weekday in a four-ten hour schedule, shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of ten (10) hours per day Monday through Saturday and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
 - H. All hours worked on Saturdays (except makeup days if work is lost due to inclement weather conditions or equipment breakdown) shall be paid at one and one-half times the hourly rate of wage. All hours worked Monday through Saturday over twelve (12) hours and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
 - I. All hours worked on Sundays and holidays shall also be paid at double the hourly rate of wage.
 - J. The first two (2) hours after eight (8) regular hours Monday through Friday and the first ten (10) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked over ten (10) hours Monday through Saturday, Sundays and holidays shall be paid at double the hourly rate of wage.
 - K. All hours worked on Saturdays and Sundays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at double the hourly rate of wage.
 - M. All hours worked on Saturdays (except makeup days if work is lost due to inclement weather conditions) shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
 - N. All hours worked on Saturdays (except makeup days) shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

Overtime Codes Continued

- 1. O. The first ten (10) hours worked on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays, holidays and after twelve (12) hours, Monday through Friday and after ten (10) hours on Saturday shall be paid at double the hourly rate of wage.
- P. All hours worked on Saturdays (except makeup days if circumstances warrant) and Sundays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at double the hourly rate of wage.
- Q. The first two (2) hours after eight (8) regular hours Monday through Friday and up to ten (10) hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of ten (10) hours per day Monday through Saturday and all hours worked on Sundays and holidays (except Christmas day) shall be paid at double the hourly rate of wage. All hours worked on Christmas day shall be paid at two and one-half times the hourly rate of wage.
- R. All hours worked on Sundays and holidays shall be paid at two times the hourly rate of wage.
- U. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays (except Labor Day) shall be paid at two times the hourly rate of wage. All hours worked on Labor Day shall be paid at three times the hourly rate of wage.
- V. All hours worked on Sundays and holidays (except Thanksgiving Day and Christmas day) shall be paid at one and one-half times the hourly rate of wage. All hours worked on Thanksgiving Day and Christmas day shall be paid at double the hourly rate of wage.
- W. All hours worked on Saturdays and Sundays (except make-up days due to conditions beyond the control of the employer)) shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at double the hourly rate of wage.
- X. The first four (4) hours after eight (8) regular hours Monday through Friday and the first twelve (12) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked over twelve (12) hours Monday through Saturday, Sundays and holidays shall be paid at double the hourly rate of wage. When holiday falls on Saturday or Sunday, the day before Saturday, Friday, and the day after Sunday, Monday, shall be considered the holiday and all work performed shall be paid at double the hourly rate of wage.
- Y. All hours worked outside the hours of 5:00 am and 5:00 pm (or such other hours as may be agreed upon by any employer and the employee) and all hours worked in excess of eight (8) hours per day (10 hours per day for a 4 x 10 workweek) and on Saturdays and holidays (except labor day) shall be paid at one and one-half times the hourly rate of wage. (except for employees who are absent from work without prior approval on a scheduled workday during the workweek shall be paid at the straight-time rate until they have worked 8 hours in a day (10 in a 4 x 10 workweek) or 40 hours during that workweek.) All hours worked Monday through Saturday over twelve (12) hours and all hours worked on Sundays and Labor Day shall be paid at double the hourly rate of wage.
- Z. All hours worked on Saturdays and Sundays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid the straight time rate of pay in addition to holiday pay.

Overtime Codes Continued

2. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.
- B. All hours worked on holidays shall be paid at one and one-half times the hourly rate of wage.
 - F. The first eight (8) hours worked on holidays shall be paid at the straight hourly rate of wage in addition to the holiday pay. All hours worked in excess of eight (8) hours on holidays shall be paid at double the hourly rate of wage.
 - M. This code appears to be missing. All hours worked on Saturdays, Sundays and holidays shall be paid at double the hourly rate of wage.
 - O. All hours worked on Sundays and holidays shall be paid at one and one-half times the hourly rate of wage.
 - R. All hours worked on Sundays and holidays and all hours worked over sixty (60) in one week shall be paid at double the hourly rate of wage.
 - U. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked over 12 hours in a day or on Sundays and holidays shall be paid at double the hourly rate of wage.
3. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.
- F. All hours worked on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sunday shall be paid at two times the hourly rate of wage. All hours worked on paid holidays shall be paid at two and one-half times the hourly rate of wage including holiday pay.
 - H. All work performed on Sundays between March 16th and October 14th and all Holidays shall be compensated for at two (2) times the regular rate of pay. Work performed on Sundays between October 15th and March 15th shall be compensated at one and one half (1-1/2) times the regular rate of pay.
 - J. All hours worked between the hours of 10:00 pm and 5:00 am, Monday through Friday, and all hours worked on Saturdays shall be paid at a one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
 - K. Work performed in excess of eight (8) hours of straight time per day, or ten (10) hours of straight time per day when four ten (10) hour shifts are established, or forty (40) hours of straight time per week, Monday through Friday, or outside the normal 5 am to 6pm shift, and all work on Saturdays shall be paid at one and one-half times the hourly rate of wage. All work performed after 6:00 pm Saturday to 5:00 am Monday and Holidays, and all hours worked in excess of twelve (12) hours in a single shift shall be paid at double the hourly rate of wage.
- After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more. When an employee returns to work without at least eight (8) hours time off since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until he/she shall have the eight (8) hours rest period.

Overtime Codes Continued

4. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.

- A. All hours worked in excess of eight (8) hours per day or forty (40) hours per week shall be paid at double the hourly rate of wage. All hours worked on Saturdays, Sundays and holidays shall be paid at double the hourly rate of wage
- C. On Monday through Friday, the first four (4) hours of overtime after eight (8) hours of straight time work shall be paid at one and one half (1-1/2) times the straight time rate of pay, unless a four (4) day ten (10) hour workweek has been established. On a four (4) day ten (10) hour workweek scheduled Monday through Thursday, or Tuesday through Friday, the first two (2) hours of overtime after ten (10) hours of straight time work shall be paid at one and one half (1-1/2) times the straight time rate of pay. On Saturday, the first twelve (12) hours of work shall be paid at one and one half (1-1/2) times the straight time rate of pay, except that if the job is down on Monday through Friday due to weather conditions or other conditions outside the control of the employer, the first ten (10) hours on Saturday may be worked at the straight time rate of pay. All hours worked over twelve (12) hours in a day and all hours worked on Sunday and Holidays shall be paid at two (2) times the straight time rate of pay.
- D. All hours worked in excess of eight (8) hours per day or forty (40) hours per week shall be paid at double the hourly rate of wage. All hours worked on Saturday, Sundays and holidays shall be paid at double the hourly rate of pay. Rates include all members of the assigned crew.

EXCEPTION:

On all multipole structures and steel transmission lines, switching stations, regulating, capacitor stations, generating plants, industrial plants, associated installations and substations, except those substations whose primary function is to feed a distribution system, will be paid overtime under the following rates:

The first two (2) hours after eight (8) regular hours Monday through Friday of overtime on a regular workday, shall be paid at one and one-half times the hourly rate of wage. All hours in excess of ten (10) hours will be at two (2) times the hourly rate of wage. The first eight (8) hours worked on Saturday will be paid at one and one-half (1-1/2) times the hourly rate of wage. All hours worked in excess of eight (8) hours on Saturday, and all hours worked on Sundays and holidays will be at the double the hourly rate of wage.

All overtime eligible hours performed on the above described work that is energized, shall be paid at the double the hourly rate of wage.

- E. The first two (2) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other hours worked Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

On a four-day, ten-hour weekly schedule, either Monday thru Thursday or Tuesday thru Friday schedule, all hours worked after ten shall be paid at double the hourly rate of wage. The Monday or Friday not utilized in the normal four-day, ten hour work week, and Saturday shall be paid at one and one half (1½) times the regular shift rate for the first eight (8) hours. All other hours worked Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
- G. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked Monday through Saturday over twelve (12) hours and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
- I. The First eight (8) hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of eight (8) per day on Saturdays shall be paid at double the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

Overtime Codes Continued

4. J. The first eight (8) hours worked on a Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of eight (8) hours on a Saturday shall be paid at double the hourly rate of wage. All hours worked over twelve (12) in a day, and all hours worked on Sundays and Holidays shall be paid at double the hourly rate of wage.
- K. All hours worked on a Saturday shall be paid at one and one-half times the hourly rate of wage, so long as Saturday is the sixth consecutive day worked. All hours worked over twelve (12) in a day Monday through Saturday, and all hours worked on Sundays and Holidays shall be paid at double the hourly rate of wage.
- L. The first twelve (12) hours worked on a Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked on a Saturday in excess of twelve (12) hours shall be paid at double the hourly rate of pay. All hours worked over twelve (12) in a day Monday through Friday, and all hours worked on Sundays shall be paid at double the hourly rate of wage. All hours worked on a holiday shall be paid at one and one-half times the hourly rate of wage, except that all hours worked on Labor Day shall be paid at double the hourly rate of pay.
- U. The first four (4) hours after eight (8) regular hours Monday through Friday and the first twelve (12) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. (Except on makeup days if work is lost due to inclement weather, then the first eight (8) hours on Saturday may be paid the regular rate.) All hours worked over twelve (12) hours Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
- S. On a four (4) day ten (10) hour workweek scheduled Monday through Thursday, or Tuesday through Friday, work performed in excess of (10) hours shall be paid at one and one half (1-1/2) times the hourly rate of pay. On Monday through Friday, work performed outside the normal work hours of 6:00 a.m. and 6:00 p.m. shall be paid at one and one-half (1-1/2) times the straight time rate, (except for special shifts or multiple shift operations).

All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All work performed on Sundays and holidays shall be paid at double the hourly rate of wage. When an employee returns to work without at least eight (8) hours time off since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours.

Multiple Shift Operations: When the first shift of a multiple shift (a two or three shift) operation is started at the basic straight time rate or at a specific overtime rate, all shifts of that day's operation shall be completed at that rate. Special Shifts: The Special Shift Premium is the basic hourly rate of pay plus \$2.00 an hour. When due to conditions beyond the control of the employer or when an owner (not acting as the contractor), a government agency or the contract specifications require more than four (4) hours of a special shift can only be performed outside the normal 6am to 6pm shift then the special shift premium will be applied to the basic straight time for the entire shift. When an employee works on a special shift, they shall be paid the special shift premium for each hour worked unless they are in overtime or double-time status. (For example, the special shift premium does not waive the overtime requirements for work performed on Saturday or Sunday).

Overtime Codes Continued

4. V. Work performed in excess of ten (10) hours of straight time per day when four ten (10) hour shifts are established or outside the normal shift (5 am to 6pm), and all work on Saturdays, except for make-up days shall be paid at time and one-half (1 ½) the straight time rate.

In the event the job is down due to weather conditions, then Saturday may, be worked as a voluntary make-up day at the straight time rate. However, Saturday shall not be utilized as a make-up day when a holiday falls on Friday. All work performed on Sundays and holidays and work in excess of twelve (12) hours per day shall be paid at double (2x) the straight time rate of pay.

After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of eight (8) hours.

When an employee returns to work without a break of eight (8) hours since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours.

- X. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage. Work performed outside the normal shift of 6 am to 6pm shall be paid at one and one-half the straight time rate, (except for special shifts or three shift operations). All work performed on Sundays and holidays shall be paid at double the hourly rate of wage. Shifts may be established when considered necessary by the Employer.

The Employer may establish shifts consisting of eight (8) or ten (10) hours of work (subject to WAC 296-127-022), that shall constitute a normal forty (40) hour work week. The Employer can change from a 5-eight to a 4-ten hour schedule or back to the other. All hours of work on these shifts shall be paid for at the straight time hourly rate. Work performed in excess of eight hours (or ten hours per day (subject to WAC 296-127-022) shall be paid at one and one-half the straight time rate.

When due to conditions beyond the control of the Employer, or when contract specifications require that work can only be performed outside the regular day shift, then by mutual agreement a special shift may be worked at the straight time rate, eight (8) hours work for eight (8) hours pay. The starting time shall be arranged to fit such conditions of work.

When an employee returns to work without at a break of eight (8) hours since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours.

11. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.

- B After an employee has worked eight (8) hours, all additional hours worked shall be paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more.

- C The first two (2) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other overtime hours worked, except Labor Day, and all hours on Sunday shall be paid at double the hourly rate of wage. All hours worked on Labor Day shall be paid at three times the hourly rate of wage. All non-overtime and non-holiday hours worked between 4:00 pm and 5:00 am, Monday through Friday, shall be paid at a premium rate of 15% over the hourly rate of wage.

Overtime Codes Continued

11. D. All hours worked on Saturdays and holidays shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays shall be paid at double the hourly rate of wage.
- After an employee has worked eight (8) hours, all additional hours worked shall be paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more.
- E. The first two (2) hours after eight (8) regular hours Monday through Friday, the first ten (10) hours on Saturday, and the first ten (10) hours worked on Holidays shall be paid at one and one-half times the hourly rate of wage. All hours worked over ten (10) hours Monday through Saturday, and Sundays shall be paid at double the hourly rate of wage.
- After an employee has worked eight (8) hours, all additional hours worked shall be paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more.
- F. The first two (2) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other hours worked Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
- On a four-day, ten-hour weekly schedule, either Monday thru Thursday or Tuesday thru Friday schedule, all hours worked after ten shall be paid at double the hourly rate of wage. The Monday or Friday not utilized in the normal four-day, ten hour work week, and Saturday shall be paid at one-half times the hourly rate of wage for the first eight (8) hours. All other hours worked Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
- G. Work performed in excess of eight (8) hours of straight time per day, or ten (10) hours of straight time per day when four ten (10) hour shifts are established, or forty (40) hours of straight time per week, Monday through Friday, or outside the normal 5 am to 6pm shift, and all work on Saturdays shall be paid at one and one-half times the hourly rate of wage.
- All work performed after 6:00 pm Saturday to 5:00 am Monday and Holidays, and all hours worked in excess of twelve (12) hours in a single shift shall be paid at double the hourly rate of wage.
- After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of nine (9) hours or more. When an employee returns to work without at least nine (9) hours time off since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until he/she shall have the nine (9) hours rest period.
- H. Work performed in excess of eight (8) hours of straight time per day, or ten (10) hours of straight time per day when four ten (10) hour shifts are established, or forty (40) hours of straight time per week, Monday through Friday, or outside the normal 5 am to 6pm shift, and all work on Saturdays shall be paid at one and one-half times the hourly rate of wage.
- All work performed after 6:00 pm Saturday to 5:00 am Monday and Holidays, and all hours worked in excess of twelve (12) hours in a single shift shall be paid at double the hourly rate of wage.
- After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of ten (10) hours or more. When an employee returns to work without at least ten (10) hours time off since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until he/she shall have the ten (10) hours rest period.

Overtime Codes Continued

11. J. All hours worked on holidays shall be paid at double the hourly rate of wage.
- K. On Monday through Friday hours worked outside 4:00 am and 5:00 pm, and the first two (2) hours after eight (8) hours worked shall be paid at one and one-half times the hourly rate. All hours worked over 10 hours per day Monday through Friday, and all hours worked on Saturdays, Sundays, and Holidays worked shall be paid at double the hourly rate of wage.
- L. An employee working outside 5:00 am and 5:00 pm shall receive an additional two dollar (\$2.00) per hour for all hours worked that shift. All hours worked on holidays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at one and one-half times the hourly rate of wage.
- M. On Monday through Friday, the first four (4) hours of overtime after eight (8) hours of straight time work shall be paid at one and one half (1-1/2) times the straight time rate of pay, unless a four (4) day ten (10) hour workweek has been established. On a four (4) day ten (10) hour workweek scheduled Monday through Thursday, or Tuesday through Friday, the first two (2) hours of overtime after ten (10) hours of straight time work shall be paid at one and one half (1-1/2) times the straight time rate of pay.
- Work performed outside the normal work hours of 5:00 a.m. and 6:00 p.m. shall be paid at one and one-half (1-1/2) times the straight time rate, (except for special shifts or multiple shift operations). When the first shift of a multiple shift (a two or three shift) operation is started at the basic straight time rate or at a specific overtime rate, all shifts of that day's operation shall be completed at that rate. When due to conditions beyond the control of the Employer or when contract specifications require that work can only be performed outside the regular day shift of 5:00 am to 6:00 pm, then a special shift may be worked at the straight time rate, plus the shift pay premium when applicable. The starting time of work will be arranged to fit such conditions of work. Such shift shall consist of eight (8) hours work for eight (8) hours pay or ten (10) hours work for ten (10) hours pay for four ten shifts.
- On Saturday, the first twelve (12) hours of work shall be paid at one and one half (1-1/2) times the straight time rate of pay. All work performed after 6:00 pm Saturday to 5:00 am Monday, all work performed over twelve (12) hours, and all work performed on holidays shall be paid at double the straight time rate of pay.
- Shift Pay Premium: In an addition to any overtime already required, all hours worked between the hours of 6:00 pm and 5:00 am shall receive an additional two dollars (\$2.00) per hour.
- N. All work performed over twelve hours in a shift and all work performed on Sundays and Holidays shall be paid at double the straight time rate.
- Any time worked over eight (8) hours on Saturday shall be paid double the straight time rate, except employees assigned to work six 10-hour shifts per week shall be paid double the straight time rate for any time worked on Saturday over 10 hours.

Benefit Code Key – Effective 3/3/2023 thru 8/30/2023

Holiday Codes

5. A. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, and Christmas Day (7).
- B. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, the day before Christmas, and Christmas Day (8).
- C. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8).
- D. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8).
- H. Holidays: New Year's Day, Memorial Day, Independence Day, Thanksgiving Day, the Day after Thanksgiving Day, And Christmas (6).
- I. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day (6).
- K. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday After Thanksgiving Day, The Day Before Christmas, And Christmas Day (9).
- L. Holidays: New Year's Day, Martin Luther King Jr. Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, And Christmas Day (8).
- N. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, The Friday After Thanksgiving Day, And Christmas Day (9).
- P. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday And Saturday After Thanksgiving Day, The Day Before Christmas, And Christmas Day (9). If A Holiday Falls On Sunday, The Following Monday Shall Be Considered As A Holiday.
- Q. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day (6).
- R. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Day After Thanksgiving Day, One-Half Day Before Christmas Day, And Christmas Day. (7 1/2).
- S. Paid Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, And Christmas Day (7).
- Z. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8).
6. G. Paid Holidays: New Year's Day, Martin Luther King Jr. Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, and Christmas Eve Day (11).
- H. Paid Holidays: New Year's Day, New Year's Eve Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday After Thanksgiving Day, Christmas Day, The Day After Christmas, And A Floating Holiday (10).

Holiday Codes Continued

6. T. Paid Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, The Last Working Day Before Christmas Day, And Christmas Day (9).
- Z. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, And Christmas Day (7). If a holiday falls on Saturday, the preceding Friday shall be considered as the holiday. If a holiday falls on Sunday, the following Monday shall be considered as the holiday.
7. A. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8). Any Holiday Which Falls On A Sunday Shall Be Observed As A Holiday On The Following Monday. If any of the listed holidays falls on a Saturday, the preceding Friday shall be a regular work day.
- B. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- C. Holidays: New Year's Day, Martin Luther King Jr. Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- D. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8). Unpaid Holidays: President's Day. Any paid holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any paid holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- E. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- F. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the last working day before Christmas day and Christmas day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- G. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day (6). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday.
- H. Holidays: New Year's Day, Martin Luther King Jr. Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the Last Working Day before Christmas Day and Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- I. Holidays: New Year's Day, President's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, The Day Before Christmas Day And Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

Holiday Codes Continued

7. J. Holidays: New Year's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day and Christmas Day (6). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- K. Holidays: New Year's Day, Memorial Day, Independence Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- L. Holidays: New Year's Day, Memorial Day, Labor Day, Independence Day, Thanksgiving Day, the Last Work Day before Christmas Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- N. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. When Christmas falls on a Saturday, the preceding Friday shall be observed as a holiday.
- P. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday.
- Q. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the Last Working Day before Christmas Day and Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. If any of the listed holidays falls on a Saturday, the preceding Friday shall be a regular work day.
- S. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, Christmas Day, the Day after Christmas, and A Floating Holiday (9). If any of the listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly.
- V. Holidays: New Year's Day, President's Birthday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, the day before or after Christmas, and the day before or after New Year's Day. If any of the above listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly.
- W. Holidays: New Year's Day, Day After New Year's, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Eve Day, Christmas Day, the day after Christmas, the day before New Year's Day, and a Floating Holiday.
- X. Holidays: New Year's Day, Day before or after New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, and the day before or after Christmas day. If a holiday falls on a Saturday or on a Friday that is the normal day off, then the holiday will be taken on the last normal workday. If the holiday falls on a Monday that is the normal day off or on a Sunday, then the holiday will be taken on the next normal workday.
- Y. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, and Christmas Day. (8) If the holiday falls on a Sunday, then the day observed by the federal government shall be considered a holiday and compensated accordingly.
- Z. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, Christmas Eve, and Christmas Day (9). Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday. Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday.

Holiday Codes Continued

15. G. New Year's Day, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, the last scheduled workday before Christmas, and Christmas Day (9). If any of the listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly.
- H. Holidays: New Year's Day, Martin Luther King Jr. Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the Last Working Day before Christmas Day and Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- I. Holidays: New Year's Day, President's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, The Day Before Christmas Day And Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- J. Holidays: New Year's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day and Christmas Day (6). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- K. Holidays: New Year's Day, Memorial Day, Independence Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

Note Codes

8. D. Workers working with supplied air on hazmat projects receive an additional \$1.00 per hour.
- L. Workers on hazmat projects receive additional hourly premiums as follows -Level A: \$0.75, Level B: \$0.50, And Level C: \$0.25.
- M. Workers on hazmat projects receive additional hourly premiums as follows: Levels A & B: \$1.00, Levels C & D: \$0.50.
- N. Workers on hazmat projects receive additional hourly premiums as follows -Level A: \$1.00, Level B: \$0.75, Level C: \$0.50, And Level D: \$0.25.
- S. Effective August 31, 2012 – A Traffic Control Supervisor shall be present on the project whenever flagging or spotting or other traffic control labor is being utilized. Flaggers and Spotters shall be posted where shown on approved Traffic Control Plans or where directed by the Engineer. All flaggers and spotters shall possess a current flagging card issued by the State of Washington, Oregon, Montana, or Idaho. This classification is only effective on or after August 31, 2012.
- T. Effective August 31, 2012 – A Traffic Control Laborer performs the setup, maintenance and removal of all temporary traffic control devices and construction signs necessary to control vehicular, bicycle, and pedestrian traffic during construction operations. Flaggers and Spotters shall be posted where shown on approved Traffic Control Plans or where directed by the Engineer. All flaggers and spotters shall possess a current flagging card issued by the State of Washington, Oregon, Montana, or Idaho. This classification is only effective on or after August 31, 2012.

Note Codes Continued

8. U. Workers on hazmat projects receive additional hourly premiums as follows – Class A Suit: \$2.00, Class B Suit: \$1.50, And Class C Suit: \$1.00. Workers performing underground work receive an additional \$0.40 per hour for any and all work performed underground, including operating, servicing and repairing of equipment. The premium for underground work shall be paid for the entire shift worked. Workers who work suspended by a rope or cable receive an additional \$0.50 per hour. The premium for work suspended shall be paid for the entire shift worked. Workers who do “pioneer” work (break open a cut, build road, etc.) more than one hundred fifty (150) feet above grade elevation receive an additional \$0.50 per hour.
- V. In addition to the hourly wage and fringe benefits, the following depth and enclosure premiums shall be paid. The premiums are to be calculated for the maximum depth and distance into an enclosure that a diver reaches in a day. The premiums are to be paid one time for the day and are not used in calculating overtime pay.
- Depth premiums apply to depths of fifty feet or more. Over 50' to 100' - \$2.00 per foot for each foot over 50 feet. Over 101' to 150' - \$3.00 per foot for each foot over 101 feet. Over 151' to 220' - \$4.00 per foot for each foot over 220 feet. Over 221' - \$5.00 per foot for each foot over 221 feet.
- Enclosure premiums apply when divers enter enclosures (such as pipes or tunnels) where there is no vertical ascent and is measured by the distance travelled from the entrance. 25' to 300' - \$1.00 per foot from entrance. 300' to 600' - \$1.50 per foot beginning at 300'. Over 600' - \$2.00 per foot beginning at 600'.
- W. Meter Installers work on single phase 120/240V self-contained residential meters. The Lineman/Groundmen rates would apply to meters not fitting this description.
- X. Workers on hazmat projects receive additional hourly premiums as follows - Class A Suit: \$2.00, Class B Suit: \$1.50, Class C Suit: \$1.00, and Class D Suit: \$0.50. Special Shift Premium: Basic hourly rate plus \$2.00 per hour.
- When due to conditions beyond the control of the Employer or when an owner (not acting as the contractor), a government agency or the contract specifications requires that work can only be performed outside the normal 5 am to 6pm shift, then the special shift premium will be applied to the basic hourly rate. When an employee works on a special shift, they shall be paid a special shift premium for each hour worked unless they are in OT or Double-time status. (For example, the special shift premium does not waive the overtime requirements for work performed on Saturday or Sunday.)
- Y. Tide Work: When employees are called out between the hours of 6:00 p.m. and 6:00 a.m. to work on tide work (work located in the tide plane) all time worked shall be at one and one-half times the hourly rate of pay.
- Swinging Stage/Boatswains Chair: Employees working on a swinging state or boatswains chair or under conditions that require them to be tied off to allow their hands to be free shall receive seventy-five cents (\$0.75) per hour above the classification rate.
- Z. Workers working with supplied air on hazmat projects receive an additional \$1.00 per hour.
- Special Shift Premium: Basic hourly rate plus \$2.00 per hour. When due to conditions beyond the control of the Employer or when an owner (not acting as a contractor), a government agency or the contract specifications require that more than (4) hours of a special shift can only be performed outside the normal 6 am to 6pm shift, then the special shift premium will be applied to the basic straight time for the entire shift. When an employee works on a special shift, they will be paid a special shift premium for each hour worked unless they are in overtime or double-time status. (For example, the special shift premium does not waive the overtime requirements for work performed on Saturday or Sunday.)

Note Codes Continued

9. A. Workers working with supplied air on hazmat projects receive an additional \$1.00 per hour.

Special Shift Premium: Basic hourly rate plus \$2.00 per hour. When due to conditions beyond the control of the Employer or when an owner (not acting as the contractor), a government agency or the contract specifications require that more than four (4) hours of a special shift can only be performed outside the normal 6 am to 6pm shift, then the special shift premium will be applied to the basic straight time for the entire shift. When an employee works on a special shift, they shall be paid a special shift premium for each hour worked unless they are in overtime or double-time status. (For example, the special shift premium does not waive the overtime requirements for work performed on Saturday or Sunday.)

Certified Crane Operator Premium: Crane operators requiring certifications shall be paid \$0.50 per hour above their classification rate.

Boom Pay Premium: All cranes including tower shall be paid as follows based on boom length:

(A) – 130' to 199' – \$0.50 per hour over their classification rate.

(B) – 200' to 299' – \$0.80 per hour over their classification rate.

(C) – 300' and over – \$1.00 per hour over their classification rate.

- B. The highest pressure registered on the gauge for an accumulated time of more than fifteen (15) minutes during the shift shall be used in determining the scale paid.

Tide Work: When employees are called out between the hours of 6:00 p.m. and 6:00 a.m. to work on tide work (work located in the tide plane) all time worked shall be at one and one-half times the hourly rate of pay. Swinging Stage/Boatswains Chair: Employees working on a swinging stage or boatswains chair or under conditions that require them to be tied off to allow their hands to be free shall receive seventy-five cents (\$0.75) per hour above the classification rate.

- C. Tide Work: When employees are called out between the hours of 6:00 p.m. and 6:00 a.m. to work on tide work (work located in the tide plane) all time worked shall be at one and one-half times the hourly rate of pay. Swinging Stage/Boatswains Chair: Employees working on a swinging stage or boatswains chair or under conditions that require them to be tied off to allow their hands to be free shall receive seventy-five cents (\$0.75) per hour above the classification rate.

Effective August 31, 2012 – A Traffic Control Supervisor shall be present on the project whenever flagging or spotting or other traffic control labor is being utilized. A Traffic Control Laborer performs the setup, maintenance and removal of all temporary traffic control devices and construction signs necessary to control vehicular, bicycle, and pedestrian traffic during construction operations. Flaggers and Spotters shall be posted where shown on approved Traffic Control Plans or where directed by the Engineer. All flaggers and spotters shall possess a current flagging card issued by the State of Washington, Oregon, Montana, or Idaho. These classifications are only effective on or after August 31, 2012.

- D. Industrial Painter wages are required for painting within industrial facilities such as treatment plants, pipelines, towers, dams, bridges, power generation facilities and manufacturing facilities such as chemical plants, etc., or anywhere abrasive blasting is necessary to prepare surfaces, or hazardous materials encapsulation is required.
- E. Heavy Construction includes construction, repair, alteration or additions to the production, fabrication or manufacturing portions of industrial or manufacturing plants, hydroelectric or nuclear power plants and atomic reactor construction. Workers on hazmat projects receive additional hourly premiums as follows -Level A: \$1.00, Level B: \$0.75, Level C: \$0.50, And Level D: \$0.25.
- F. Industrial Painter wages are required for painting within industrial facilities such as treatment plants, pipelines, towers, dams, power generation facilities and manufacturing facilities such as chemical plants, etc., or anywhere abrasive blasting is necessary to prepare surfaces, or hazardous materials encapsulation is required.

Note Codes Continued

9. H. One (1) person crew shall consist of a Party Chief. (Total Station or similar one (1) person survey system). Two (2) person survey party shall consist of at least a Party Chief and a Chain Person. Three (3) person survey party shall consist of at least a Party Chief, an Instrument Person, and a Chain Person.

APPENDIX B

BID PROPOSAL DOCUMENTS

INCLUDING:

- **Notice to Contractor**
- **Proposal Form**
- **Non-Collusion Declaration**
- **Proposal Signature Page**
- **Certification of Compliance with Wage Payment Statutes**
- **Local Agency Subcontractor List**



Lewis County Department of Public Works

Josh S. Metcalf, PE, Director

Tim Fife, PE, County Engineer

NOTICE TO CONTRACTORS

NOTICE IS HEREBY GIVEN that the Board of County Commissioners of Lewis County or designee, will open sealed proposals and publicly read them aloud on or after 12:15 p.m. on **Thursday, July 27, 2023**, at the Lewis County Courthouse in Chehalis, Washington for **South Lewis County Airport – Phase 1 Improvements – New Above Ground Avgas (100LL) Fueling System**

SEALED BIDS MUST BE DELIVERED BY OR BEFORE

12:15 P.M. on Thursday, July 27, 2023

(Lewis County official time is displayed on Axxess Intertel phones in the office of the Board of County Commissioners.
Bids submitted after 12:15 PM will not be considered for this project.)

Sealed proposals must be delivered to the Clerk of the Board of Lewis County Commissioners (351 N.W. North Street, Room 210, CMS-01, Chehalis, Washington 98532), by or before **12:15 P.M.** on the date specified for opening, and in an envelope clearly marked: **“SEALED BID FOR SOUTH LEWIS COUNTY AIRPORT – PHASE 1 IMPROVEMENTS – NEW ABOVE GROUND AVGAS (100LL) FUELING SYSTEM”, TO BE OPENED ON OR AFTER 12:15 P.M. ON July 27, 2023.**

All bid proposals shall be accompanied by a bid proposal deposit in cash, certified check, cashier's check or surety bond in an amount equal to five percent (5%) of the amount of such bid proposal. Should the successful Contractor fail to enter into such contract and furnish satisfactory contract bond within the time stated in the specifications, the bid proposal deposit shall be forfeited to the Lewis County Public Works Department.

Informational copies of maps, plans and specifications are on file for inspection in the office of the County Engineer of Lewis County in Chehalis, Washington. The contract documents may be viewed and downloaded from Lewis County's Web Site @ www.lewiscountywa.gov or you may call the Lewis County Engineers office @ (360)740-1123 Ext. 7 and request a copy be mailed to you. All Contractor questions and Lewis County clarifying answers will be posted on our website and emailed to all Contractors registered on Lewis County's Planholder List. Plan or specification changes shall be accomplished through official project addendums.

The Lewis County Public Works Department in accordance with Title VI of the Civil Rights Act of 1964, 78 Stat. 252, 42 U.S.C. 2000d to 2000d-4 and Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Nondiscrimination in Federally assisted programs of the Department of Transportation issued pursuant to such Act, hereby notifies all Contractor that it will affirmatively ensure that in any contract entered into pursuant to this advertisement, disadvantaged business enterprises as defined at 49 CFR Part 26 will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin, or sex in consideration for an award.

PROPOSAL

TO: BOARD OF COUNTY COMMISSIONERS
LEWIS COUNTY
CHEHALIS, WASHINGTON 98532

This certifies that the undersigned has examined the location of the New Avgas (100LL) Fueling System – South Lewis County Airport, in Lewis County, Washington, and that the specifications and contract governing the work embraced in these improvements, and the method by which payment will be made for said work is understood. The undersigned here by proposes to undertake and complete the work embraced in this improvement, or as much there of as can be completed with the money available in accordance with the said specifications and contract, and the following schedules or rates and prices:

NOTE: Unit prices for all items, all extensions, and total amount of bid shall be shown: All entries must be typed or entered in ink.

Item No.	Unit Of Measure	Plan Quantity	Item Description	Unit of Cost	Unit Price Dollars Cents	Amount Dollars Cents
1	1 L.S.	L.S.	Mobilization	L.S.	Lump Sum	
2	1 L.S.	L.S.	New Avgas (100LL) Fueling System	L.S.	Lump Sum	
3	1 L.S.	L.S.	Trimming and Cleanup	L.S.	Lump Sum	
					Total	
					Washington State Sales Tax 7.8%	
					TOTAL BID	

NON-COLLUSION DECLARATION

I, by signing the proposal, hereby declare, under penalty of perjury under the laws of the United States that the following statements are true and correct:

1. That the undersigned person(s), firm, association or corporation has (have) not, either directly or indirectly, entered into any agreement, participation in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with the project for which this proposal is submitted.
2. **That by signing the signature page of this proposal, I am deemed to have signed and have agreed to the provisions of this declaration.**

NOTICE TO ALL CONTRACTOR

To report bid rigging activities

1-800-424-9071

The U.S. Department of Transportation (USDOT) operates the above toll-free “hotline” Monday through Friday, 8:00 a.m. to 5:00 p.m., eastern time. Anyone with knowledge of possible bid rigging, bid collusion, or other fraudulent activities should use the “hotline” to report such activities.

The “hotline” is part of USDOT’s continuing effort to identify and investigate highway construction contract fraud and abuse and is operated under the direction of the USDOT Inspector General. All information will be treated confidentially, and caller anonymity will be respected.

DOT Form 272-036H
Revised 10/94

PROPOSAL - SIGNATURE PAGE

The Contractor is hereby advised that by signature of this proposal he/she is deemed to have acknowledged all requirements and signed all certificates contained herein.

A proposal guaranty in an amount of five percent (5%) of the total bid, based upon the approximate estimate of quantities at the above prices and in the form as indicated below, is attached hereto:

CASH ☐ IN THE AMOUNT OF _____

CASHIER'S CHECK ☐ _____ DOLLARS

CERTIFIED CHECK ☐ (\$_____) PAYABLE TO THE LEWIS COUNTY TREASURER

PROPOSAL BOND ☐ IN THE AMOUNT OF 5% OF THE BID

** Receipt is hereby acknowledged of addendum(s) No.(s) _____, _____, _____, & _____

SIGNATURE OF AUTHORIZED OFFICIAL(S)

Proposal Must be Signed _____

Firm Name

Address

State of Washington Contractor's License No.

Unified Business Identifier (U.B.I.) No.

Telephone No.

Federal ID No.

Note:

This proposal form is not transferable, and any alteration of the firm's name entered hereon without prior permission from the Lewis County Engineer will be cause for considering the proposal irregular and subsequent rejection of the bid.

*Attach Power of Attorney



Contractor Certification
Wage Law Compliance - Responsibility Criteria
Washington State Public Works Contracts

**FAILURE TO RETURN THIS CERTIFICATION AS PART OF THE BID PROPOSAL PACKAGE WILL
MAKE THIS BID NONRESPONSIVE AND INELIGIBLE FOR AWARD**

I hereby certify, under penalty of perjury under the laws of the State of Washington, on behalf of the firm identified below that, to the best of my knowledge and belief, this firm has NOT been determined by a final and binding citation and notice of assessment issued by the Washington State Department of Labor and Industries or through a civil judgment entered by a court of limited or general jurisdiction to have willfully violated, as defined in RCW 49.48.082, any provision of RCW chapters 49.46, 49.48, or 49.52 within three (3) years prior to the date of the Call for Bids.

Bidder Name: _____
Name of Contractor/Bidder - Print full legal entity name of firm

By: _____
Signature of authorized person Print Name of person making certifications for firm

Title: _____
Title of person signing certificate **Place:** _____
Print city and state where signed

Date: _____

Lewis County Public Works
57 W. Main St. Chehalis, WA 98532

Local Agency Subcontractor List

Prepared in compliance with RCW 39.30.060 as amended

To Be Submitted with the Bid Proposal

Project Name Phase 1 Improvements - New Above Ground AVGAS (100LL) Fueling System

Failure to list subcontractors with whom the bidder, if awarded the contract, will directly subcontract for performance of the work of structural steel installation, rebar installation, heating, ventilation and air conditioning, plumbing, as described in Chapter 18.106 RCW, and electrical, as described in Chapter 19.28 RCW or naming more than one subcontractor to perform the same work will result in your bid being non-responsive and therefore void.

Subcontractor(s) with whom the bidder will directly subcontract that are proposed to perform the work of structural steel installation, rebar installation, heating, ventilation and air conditioning, plumbing, as described in Chapter 18.106 RCW, and electrical as described in Chapter 19.28 RCW must be listed below. The work to be performed is to be listed below the subcontractor(s) name.

To the extent the Project includes one or more categories of work referenced in RCW 39.30.060, and no subcontractor is listed below to perform such work, the bidder certifies that the work will either (i) be performed by the bidder itself, or (ii) be performed by a lower tier subcontractor who will not contract directly with the bidder.

Subcontractor Name _____
Work to be performed _____

Subcontractor Name _____
Work to be performed _____

Subcontractor Name _____
Work to be performed _____

Subcontractor Name _____
Work to be performed _____

Subcontractor Name _____
Work to be performed _____

* Bidder's are notified that it is the opinion of the enforcement agency that PVC or metal conduit, junction boxes, etc, are considered electrical equipment and therefore considered part of electrical work, even if the installation is for future use and no wiring or electrical current is connected during the project.

APPENDIX C

CONTRACT DOCUMENTS

INCLUDING:

- **Contract Form**
- **Contract Bond**
- **Power Equipment List**

CONTRACT

THIS AGREEMENT, made and entered into this ___ day of _____, 2023, between the BOARD OF COUNTY COMMISSIONERS of LEWIS COUNTY, State of Washington, acting under and by virtue of RCW 36.77.040, hereinafter called

the Board, and _____ of _____

for ___sel___, heirs, executors, administrators, successors and assigns, hereinafter called the Contractor.

WITNESSETH:

That in consideration of the payments, covenants and agreements hereinafter mentioned to be made and performed by the parties hereto, the parties hereto covenant and agree as follows:

DESCRIPTION OF WORK:

1. The Contractor shall do all work and furnish all material necessary to procure and manufacture a "Turn Key" package for **Phase 1 Improvements for a New Above Ground Avgas (100LL) Fueling System** at the South Lewis County Airport consisting of a fully assembled tank and pumping system with skid pre-wired to a common point, and shall include hauling, installation, and commissioning, and other work, in accordance with and as described in the attached plans and specifications, and in full compliance with the terms, conditions and stipulations herein set forth and attached, now referred to and by such reference incorporated herein and made a part hereof as fully for all purposes as if here set forth at length, and shall perform any alterations in or additions to the work covered by this contract and every part thereof and any extra work which may be ordered as provided in this contract and every part thereof.

The Contractor shall provide and be at the expense of all materials, labor, carriage, tools, implements and conveniences and things of every description that may be requisite for the transfer of materials and for constructing and completing the work provided for in this contract and every part thereof.

2. The County hereby promises and agrees with the Contractor to hire and does hire the Contractor to provide the materials and to do and cause to be done the above described work and to complete and furnish the same according to the attached plans and specifications and the terms and conditions herein contained, and hereby contracts to pay for the same according to the schedule of unit or itemized prices at the time and in the manner and upon the conditions provided for in this contract and every part thereof. The County further agrees to hire the contractor to perform any alterations in or conditions to the work covered by this contract and every part thereof and any force account work that may be ordered and to pay for the same under the terms of this contract and the attached plans and specifications.
3. The Contractor for himself, and for his heirs, executor's administrators, successors and assigns, does hereby agree to the full performance of all the covenants herein contained upon the part of the Contractor.
4. It is further provided that no liability shall attach to the County be reason of entering into this contract, except as expressly provided herein.
5. CANCELLATION OF CONTRACT FOR VIOLATION OF STATE POLICY

This contract, pursuant to RCW 49.28.040 to RCW 49.28.060, may be canceled by the officers or agents of the Owner authorized to contract for or supervise the execution of such work, in case such work is not performed in accordance with the policy of the State of Washington.

6. DOCUMENTS COMPRISING CONTRACT

All documents hereto attached, including but not being limited to the advertisement for bids, information for Contractor, bid proposal form, general conditions (if any), special conditions (if any), complete specifications and the complete plans, are hereby made a part of this contract.

IN WITNESS WHEREOF, the said Contractor has executed this instrument, and the said Board of County Commissioners of aforesaid County, pursuant to resolution duly adopted, has caused this instrument to be executed by and in the name of said Board by its Chairman, duly attested by its Clerk, the day and year first above written, and the seal of said Board to be hereunto affixed on the date in this instrument first above written.

By: _____

Contractor

Performance of foregoing contract assured
in accordance with the terms of the
accompanying bond.

Dated: _____, 2023

By: _____
Surety

By: _____
Attorney-in-fact

APPROVED AS TO FORM:

David Bailey Prosecuting Attorney

By: _____
Civil Deputy

APPROVED:

County Engineer

**CONTRACT BOND FOR
LEWIS COUNTY, WASHINGTON**

Bond No. _____

WE, _____ d/b/a _____
(Insert legal name of Contractor) (Insert trade name of Contractor, if any)

(hereinafter "Principal"), and _____ (hereinafter "Surety"), are held and firmly bound unto **LEWIS COUNTY, WASHINGTON** (hereinafter "County"), as Obligee, in an amount (in lawful money of the United States of America) equal to the total compensation and expense reimbursement payable to Principal for satisfactory completion of Principal's work under Contract **South Lewis County Airport – Phase 1 Improvements – New Above Ground Avgas (100LL) Fueling System** between Principal and County, which total is *initially* _____ Dollars (\$ _____), for the payment of which sum Principal and Surety bind themselves, their executors, administrators, legal representatives, successors and assigns, jointly and severally, firmly by these presents.. Said contract (hereinafter referred to as "the Contract") is for the procurement and installation of a "Turnkey" package for **Phase 1 Improvements for a New Above Ground Avgas (100LL) Fueling System** at the South Lewis County Airport consisting of a fully assembled tank and pumping system with skid pre-wired to a common point, and shall include hauling, installation, and commissioning, and is made a part hereof by this reference. The Contract includes the original agreement as well as all documents attached thereto or made a part thereof and amendments, change orders, and any other document modifying, adding to or deleting from said Contract any portion thereof.

This Bond is executed in accordance with the laws of the State of Washington, and is subject to all provisions thereof and the ordinances of County insofar as they are not in conflict therewith, and is entered into for the use and benefit of County, and all laborers, mechanics, subcontractors, and materialmen, and all persons who supply such person or persons, or subcontractors, with provisions or supplies for the carrying on of the work covered by **South Lewis County Airport – Phase 1 Improvements – New Above Ground Avgas (100LL) Fueling System**, between the below-named Contractor and County for the **South Lewis County Airport – Phase 1 Improvements – New Above Ground Avgas (100LL) Fueling System Project**, a copy of which Contract, by this reference is made a part hereof and is hereinafter referred to as "the Contract." (The Contract as defined herein includes the aforesaid agreement together with all of the Contract documents including addenda, exhibits, attachments, modifications, alterations, and additions thereto, deletions therefrom, amendments and any other document or provision attached to or incorporated into the Contract)

THE CONDITION OF THIS OBLIGATION is such that if Contractor shall promptly and faithfully perform the Contract, then this obligation shall be null and void; otherwise it shall remain in full force and effect.

THE PARTIES FURTHER ACKNOWLEDGE & AGREE AS FOLLOWS:

(1) Surety hereby consents to, and waives notice of, any alteration, change order, or other modification of the Contract and any extension of time made by County, except that any single or cumulative change order amounting to more than twenty-five percent (25%) of the penal sum of this bond shall require Surety's written consent.

(2) Surety recognizes that the Contract includes provisions for additions, deletions, and modifications to the work or Contract Time and the amounts payable to Contractor. Subject to the limitations contained in paragraph (1) above, no such change or any combination thereof, shall void or impair Surety's obligation hereunder.

(3) Surety is subject to the provisions contained in Section 1-03.4, "Contract Bond," of the Washington State

Department of Transportation (WSDOT) Standard Specifications for Road, Bridge, and Municipal Construction. And such provisions are incorporated by reference. A copy may be viewed at WSDOT's website www.wsdot.wa.gov/fasc/EngineeringPublications/Manuals/.

(4) Whenever County has declared Contractor to be in default and County has given Surety written notice of such declaration, Surety shall promptly (in no event more than thirty [30] days following receipt of such notice), specify, in written notice to County, which of the following actions Surety intends to take to remedy such default, and thereafter shall:

(a) Remedy the default within fifteen (15) days after its notice to County, as stated in such notice; or

(b) Assume within fifteen (15) days following its notice to County, full responsibility for the completion of the Contract in accordance with all of its provisions, as stated in such notice, and become entitled to payment of the balance of the Contract sum as provided in the Contract; or

(c) Pay County upon completion of the Contract, in cash, the cost of completion together with all other reasonable costs and expenses incurred by County as a result of Contractor's default, including but not limited to those incurred by County to mitigate its losses, which may include but are not limited to attorneys' fees and the cost of efforts to complete the work prior to Surety's exercising any option available to it under this Bond; or

(d) Obtain a bid or bids for completing the Contract in accordance with its terms and conditions, and upon a determination by County and Surety jointly of the lowest responsible bidder, arrange for one or more agreements between such bidder and County, and make available as work progresses (even though there is a default or a succession of defaults under such agreement(s) for completion arranged for under this paragraph) sufficient funds to pay the cost of completion less the balance of the Contract price, but not exceeding, including other costs and damages for which Surety may be liable hereunder, the penal sum of this Bond. The term "balance of the Contract price," as used in this paragraph, shall mean the total amount payable by County to Contractor under the Contract, less the amount properly paid by County to Contractor.

(5) If County commences suit and obtains judgment against Surety for recovery hereunder, then Surety, in addition to such judgment, shall pay all costs and attorneys' fees incurred by County in enforcement of County's rights hereunder. The venue for any action arising out of or in connection with this bond shall be in Lewis County, Washington.

(6) No right or action shall accrue on this Bond to or for the use of any person or corporation other than Lewis County, except as herein provided.

(7) No rider, amendment or other document modifies this Bond except as follows, which by this reference is incorporated herein:

SURETY'S QUALIFICATIONS: Every Surety named on this bond must appear on the United States Treasury Department's most current list (Circular 570 as amended or superseded) and be authorized by the Washington State Insurance Commissioner to transact business as a surety in the State of Washington. In addition, the Surety must have a current rating of at least A-:VII in A. M. Best's Key Rating Guide.

INSTRUCTIONS FOR SIGNATURES: This bond must be signed by the president or a vice-president of a corporation; the managing general partner of a partnership; managing joint venturer of a joint venture; manager of a limited liability company or, if no manager has been designated, a member of such LLC; a general partner of a limited liability partnership; or the owner(s) of a sole proprietorship. If the bond is signed by any other representative, the Principal must attach currently-dated, written proof of that signer's authority to bind the Principal, identifying and quoting the provision in the corporate articles of incorporation, bylaws, Board resolution, partnership agreement, certificate of formation, or other document authorizing delegation of signature authority to such signer, and confirmation acceptable to the County that such delegation was in effect on the date the bond was signed. **A NOTARY PUBLIC MUST ACKNOWLEDGE EACH SIGNATURE BELOW.**

FOR THE SURETY:

By _____
(Signature of Attorney-in-Fact)

(Type or print name of Attorney-in-Fact)

(Type or print telephone number for Attorney-in-Fact)

FOR THE PRINCIPAL:

By: _____
(Signature of authorized signer for Contractor)

(Type or print name of signer for Contractor)

(Type or print title of signer for Contractor)

STATE OF _____)

COUNTY OF _____)

) ss:

ACKNOWLEDGMENT FOR CONTRACTOR

On this ____ day of _____, _____, before me a notary public in and for the State of _____, duly commissioned and sworn, personally appeared _____, the person described in and who executed the foregoing bond, and acknowledged to me that _____ signed and sealed said bond as the free and voluntary act and deed of the Contractor so identified in the foregoing bond for the uses and purposes therein mentioned, and on oath stated that _____ is authorized to execute said bond for the Contractor named therein. WITNESS my hand and official seal hereto affixed the day and year in this certificate first above written.

(Signature of Notary Public)

(Print or type name of Notary Public)

Notary Public in and for the State of _____ residing at _____
My commission expires _____. **SEAL ➔**

STATE OF _____)

COUNTY OF _____)

) ss:

ACKNOWLEDGMENT FOR SURETY

On this ____ day of _____, _____, before me a notary public in and for the State of _____, duly commissioned and sworn, personally appeared _____, Attorney-in-Fact for the Surety that executed the foregoing bond, and acknowledged said bond to be the free and voluntary act and deed of the Surety for the uses and purposes therein mentioned, and on oath stated that _____ is authorized to execute said bond on behalf of the Surety, and that the seal affixed on said bond or the annexed Power of Attorney is the corporate seal of said Surety. WITNESS my hand and official seal hereto affixed the day and year in this certificate first above written.

(Signature of Notary Public)

(Print or type name of Notary Public)

Notary Public in and for the State of _____ residing at _____
My commission expires _____. **SEAL ➔**

POWER EQUIPMENT LIST

The undersigned furthermore certifies that he/she is thoroughly aware that time is of the essence for the completion of this contract within the time specified in the special provisions, and hereby agrees to provide the Engineer a list of his power equipment to be used on this project.

This equipment list will be used in computing any Force Account that may be performed within this contract.

The Contractor must complete this form in its entirety.

POWER EQUIPMENT

Type of Equipment	Make	Model Number	Serial Number	* Capacity	Year Built

APPENDIX D

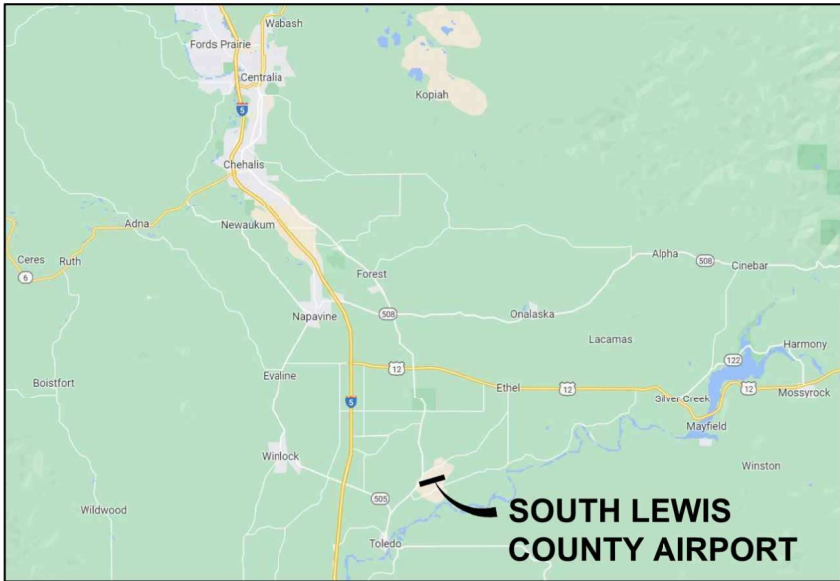
CONTRACT PLANS

ED CARLSON MEMORIAL FIELD - SOUTH LEWIS COUNTY AIRPORT

PHASE 1 IMPROVEMENTS - NEW ABOVE GROUND

AVGAS (100LL) FUELING SYSTEM

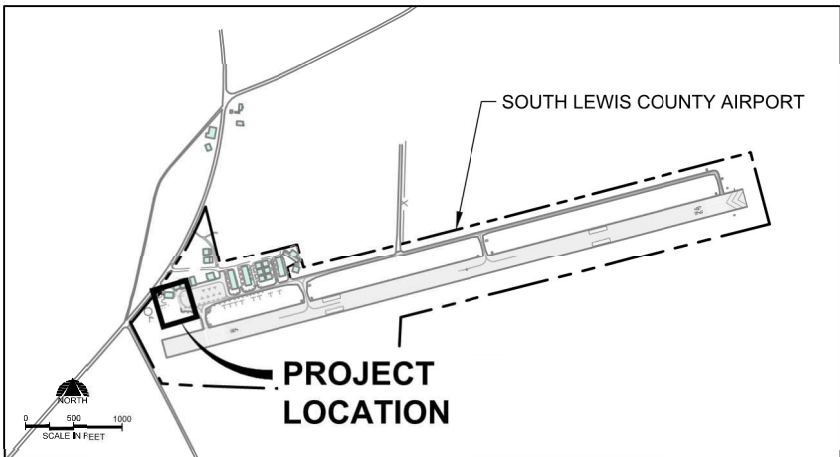
VICINITY MAP



INDEX TO DRAWINGS

- | | |
|---|----------------------------|
| 1 | COVER SHEET |
| 2 | SITE PLAN |
| 3 | LAYOUT PLAN - FUEL SYSTTEM |
| 4 | FUEL SYSTEM SCHEMATIC |

SITE MAP

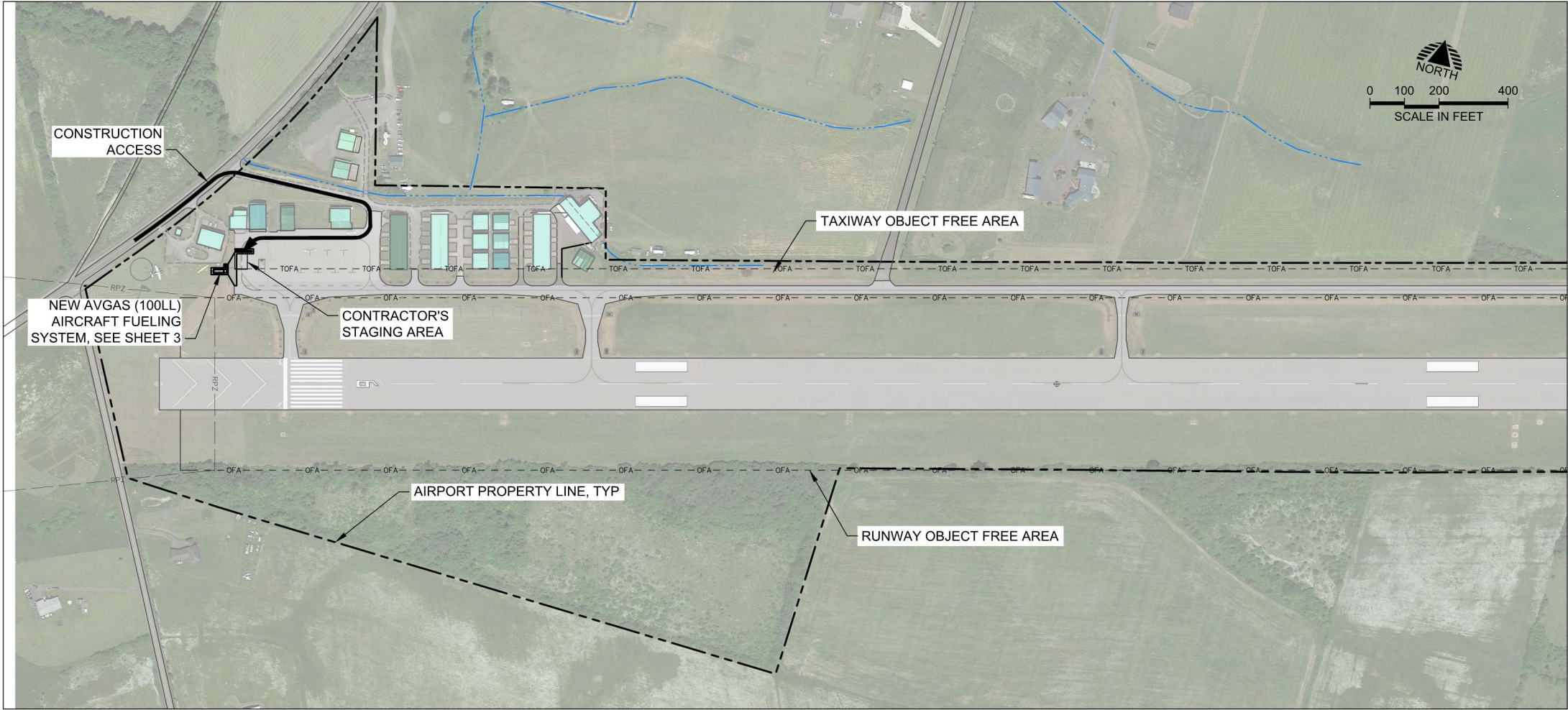


INFORMATIONAL ONLY

These drawings are for informational purposes to support bidding and construction. Refer to specifications for specific requirements.

 <div>Lewis County Public Works Department 57 W. Main St. Chehalis, Washington, 98532 Phone: 360 740-1123 Web Address: www.lewiscountywa.gov</div>	 <div>PRECISION APPROACH ENGINEERING 5125 Southwest Hout Street Corvallis, OR 97333 541•754•0043</div>	 <div>CONLEY W. McFARLAND STATE OF WASHINGTON 47490 REGISTERED PROFESSIONAL ENGINEER 6/29/2023</div>	<div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> 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SITE PLAN

PROJECT FUNDING

1. THIS CONTRACT IS FOR A PUBLIC WORK SUBJECT TO THE RULES AND REGULATIONS OF THE WASHINGTON STATE DEPARTMENT OF LABOR AND INDUSTRIES (RCW 39.12), AS AMENDED. THE CONTRACTOR MUST AGREE THAT THE REQUIREMENTS AND CONDITIONS OF EMPLOYMENT BE OBSERVED AND MINIMUM WAGE RATES AS ESTABLISHED BY THE WASHINGTON STATE DEPARTMENT OF LABOR AND INDUSTRIES BE PAID UNDER THE CONTRACT. ANY SUBCONTRACTS FOR THIS WORK MUST CONTAIN THESE SAME REQUIREMENTS.

CONTRACTOR'S SUPERINTENDENT AND SAFETY OFFICER

1. THE CONTRACTOR SHALL HAVE A FULL TIME SUPERINTENDENT ON THE PROJECT SITE ANY TIME WORK IS BEING ACCOMPLISHED ON THE AIRPORT. THIS INCLUDES WORK BEING PERFORMED BY SUBCONTRACTORS OR SERVICE PROVIDERS UNLESS OTHERWISE APPROVED BY THE OWNER.
2. THE CONTRACTOR SHALL ASSIGN ONE PERSON TO BE THE SAFETY OFFICER DURING THE PROJECT. THE SAFETY OFFICER SHALL BE ONSITE AT ALL TIMES WHEN WORK IS OCCURRING AT THE AIRPORT UNLESS OTHERWISE APPROVED BY THE OWNER. THE SAFETY OFFICER SHALL BE RESPONSIBLE FOR THE EDUCATION AND TRAINING OF ALL PERSONNEL WHO WILL ACCESS AIRPORT PROPERTY. PERSONNEL WHO VIOLATE SAFETY REQUIREMENTS MAY BE REMOVED FROM THE PROJECT AT THE DISCRETION OF THE OWNER. THE SAFETY OFFICER SHALL ALSO BE RESPONSIBLE FOR FOREIGN OBJECT DEBRIS (FOD) MANAGEMENT.
3. THE CONTRACTOR'S SUPERINTENDENT AND SAFETY OFFICER SHALL ATTEND A WEEKLY CONSTRUCTION MEETING FOR PERIODS OF TIME WHERE WORK IS BEING ACCOMPLISHED ON THE AIRPORT.

CONSTRUCTION SCHEDULE

1. THE CONTRACTOR SHALL PREPARE AND SUBMIT A "CONSTRUCTION SCHEDULE" TO THE ENGINEER AND OWNER FOR REVIEW A MINIMUM OF 10 DAYS PRIOR TO STARTING CONSTRUCTION OR PRIOR TO THE PRE-CONSTRUCTION CONFERENCE, WHICHEVER OCCURS EARLIER. THE PLAN MUST BE ACCEPTABLE TO THE OWNER PRIOR TO BEGINNING WORK.
2. THE CONSTRUCTION SCHEDULE SHALL BE REVISED ANY TIME AN ELEMENT OF WORK DOES NOT COINCIDE WITH THE INITIAL TIME LINE PRESENTED OR IF REQUESTED BY THE RPR OR OWNER.
3. UNLESS OTHERWISE APPROVED BY THE OWNER, INSTALLATION SHALL OCCUR ON OR AFTER NOVEMBER 1, 2023, WITH SUBSTANTIAL COMPLETION TO OCCUR NO LATER THAN 157 CALENDAR DAYS AFTER NOTICE TO PROCEED ISSUANCE. SUBSTANTIAL COMPLETION SHALL BE DEFINED AS APPROVAL FOR THE FILLING OF THE TANK BY THE AUTHORITY HAVING JURISDICTION.

WEEKLY INSTALLATION MEETING

1. THE CONTRACTOR, ENGINEER, RPR, OWNER, OWNER'S REPRESENTATIVE AND OTHER INVITED REPRESENTATIVES OR GUESTS WILL CONDUCT A WEEKLY MEETING DURING INSTALLATION IN ORDER TO DISCUSS ACTIVITIES ON THE PROJECT. THE MEETING SHALL BE USED TO DISCUSS CONSTRUCTION ISSUES, PROJECT SCHEDULE, AND AIRCRAFT OPERATIONS DURING CONSTRUCTION AND OTHER AGENDA ITEMS RELATED TO THE PROJECT. SPECIFIC ACTIVITIES ANTICIPATED FOR THE FOLLOWING WEEK SHALL BE DISCUSSED, PARTICULARLY THOSE IMPACTING AIRPORT OPERATIONS AND SAFETY.

GENERAL NOTES

1. THE WORK IN THIS CONTRACT IS FOR THE FABRICATION, PROCUREMENT, INSTALLATION, AND COMMISSIONING (CONSTRUCTION) OF A NEW "TURN KEY" ABOVE GROUND AVGAS (100LL) AIRCRAFT FUELING SYSTEM. THE SITE DEVELOPMENT WORK ASSOCIATED WITH THIS PROJECT IS TO BE PERFORMED BY OTHERS. SEE THE PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
2. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE SPECIAL PROVISIONS SECTION OF THE CONTRACT DOCUMENT FOR REQUIREMENTS RELATING TO CONSTRUCTION SAFETY, LAYOUT WORK, QUALITY CONTROL TESTING AND OTHER CONTRACT PROVISIONS.
3. THE CONTRACTOR, RESIDENT PROJECT REPRESENTATIVE (RPR), OWNER, AND OTHER INVITED REPRESENTATIVES OR GUESTS WILL CONDUCT A PRE-CONSTRUCTION MEETING PRIOR TO EQUIPMENT DELIVERY IN ORDER TO DISCUSS PROJECT SCHEDULE, CONSTRUCTION REQUIREMENTS, AIRFIELD IMPACTS, AND OTHER AGENDA ITEMS RELATED TO THE PROJECT, PARTICULARLY THOSE IMPACTING AIRPORT OPERATIONS AND SAFETY.
4. THE FOLLOWING PERMITS SPECIFIC TO THE FUEL SYSTEM HAVE BEEN OBTAINED OR ARE IN THE PROCESS OF BEING OBTAINED BY THE OWNER:
 - BUILDING PERMITCONTRACTOR SHALL OBTAIN AND THE OWNER WILL PAY FOR ANY ADDITIONAL SPECIFIC FUEL SYSTEM PERMITS NECESSARY TO COMPLETE THIS PROJECT.
5. ALL HAUL ROUTES SHALL BE MAINTAINED DURING CONSTRUCTION AND SHALL BE RESTORED TO ORIGINAL CONDITION BY THE CONTRACTOR UPON COMPLETION OF THE PROJECT. VERIFY CONDITION WITH OWNER PRIOR TO CONSTRUCTION.
6. LIMITS OF WORK SHOWN ON THIS SHEET ARE APPROXIMATE AND SHOW GENERAL AREAS OF WORK. SEE SPECIFIC SHEETS FOR ACTUAL LIMITS OF WORK.
7. LOCATION OF THE CONTRACTOR'S STAGING AREA IS APPROXIMATE AND AS SHOWN IS FOR UNLOADING AND SETTING EQUIPMENT. CONTRACTOR VEHICLES SHALL REMAIN CLEAR OF APRON DURING ON-SITE FABRICATION WORK FOLLOWING EQUIPMENT UNLOADING UNLESS OTHERWISE APPROVED BY THE OWNER. VERIFY LIMITS AND LOCATIONS WITH ENGINEER PRIOR TO MOBILIZATION.
8. CONTRACTOR SHALL REMAIN CLEAR OF AIRCRAFT OPERATIONS AT ALL TIMES.
9. ALL VEHICLE PARKING SHALL BE CONFINED TO LANDSIDE PORTIONS OF THE AIRPORT.
10. THE CONTRACTOR IS RESPONSIBLE FOR ALL SAFETY MEASURES THAT MAY BE REQUIRED BY THE CONTRACTORS MEANS AND METHODS OF CONSTRUCTION AS NEEDED TO PROVIDE A SAFE ENVIRONMENT FOR AIRCRAFT OPERATIONS AND TO COMPLY WITH FAA ADVISORY CIRCULAR 150/5370-2G.

INFORMATIONAL ONLY

These drawings are for informational purposes to support bidding and construction. Refer to specifications for specific requirements.



Lewis County
Public Works Department
57 W. Main St.
Chehalis, Washington, 98532
Phone: 360 740-1123
Web Address: www.lewiscountywa.gov

PRECISION APPROACH
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5125 Southwest Hout Street
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541•754•0043

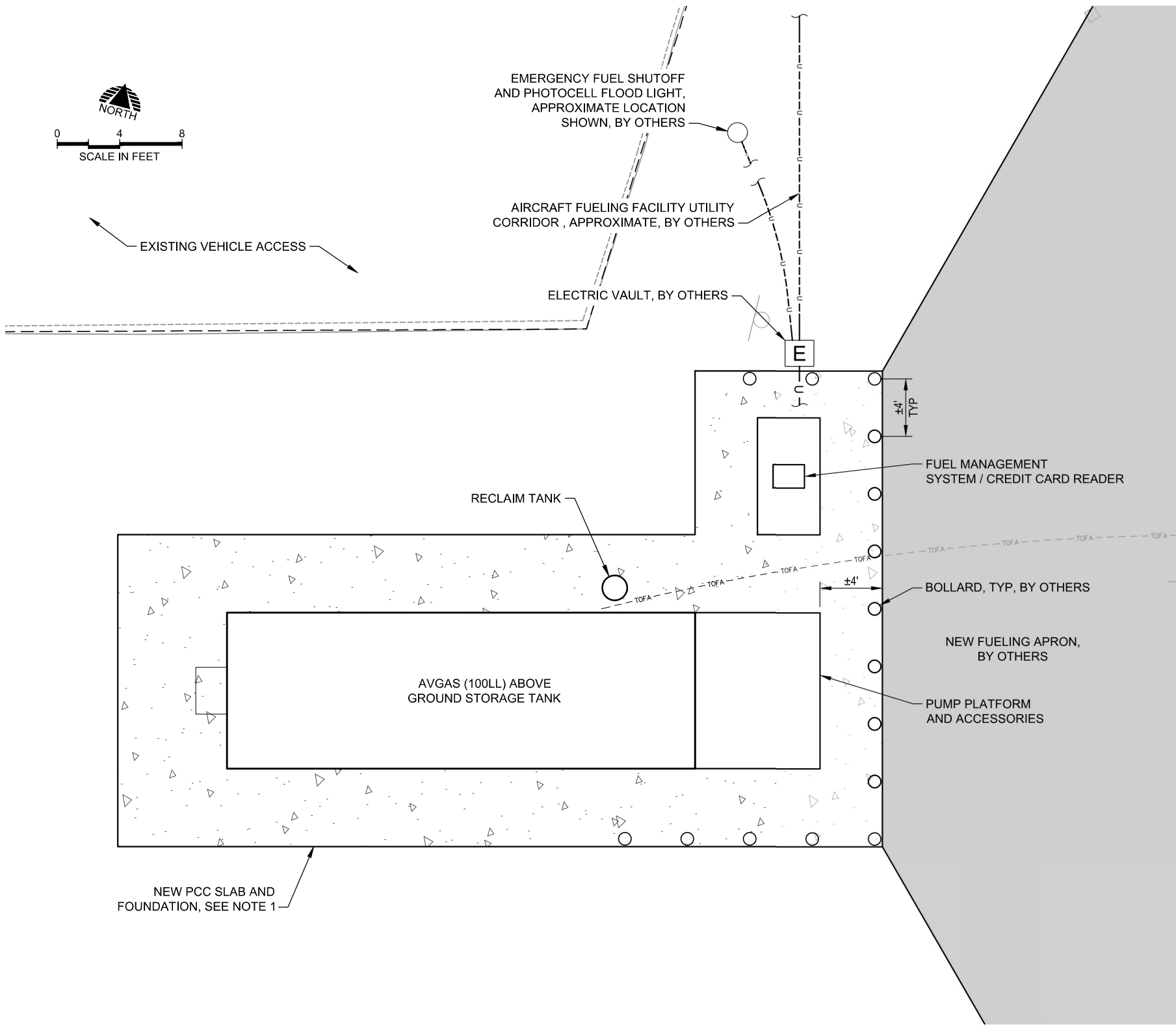


REVISIONS:	DATE	APPD.

DATE:	JULY 2023
DESIGN:	KJK
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SCALE:	AS SHOWN

ED CARLSON MEMORIAL FIELD - SOUTH LEWIS COUNTY AIRPORT PHASE 1 IMPROVEMENTS - NEW ABOVE GROUND AVGAS (100LL) FUELING SYSTEM
SITE PLAN
PRECISION APPROACH ENGINEERING, INC.

PROJECT NUMBER: LEW002
SHEET NO. 2
OF 4



NOTES

1. CONTRACTOR TO PROVIDE AIRCRAFT FUELING SYSTEM SUBMITTALS TO INCLUDE INFORMATION NEEDED FOR OTHERS TO DESIGN FOUNDATIONS, SEE SPECIFICATIONS. PCC SLAB AND FOUNDATION TO BE DESIGNED AND CONSTRUCTED BY OTHERS.

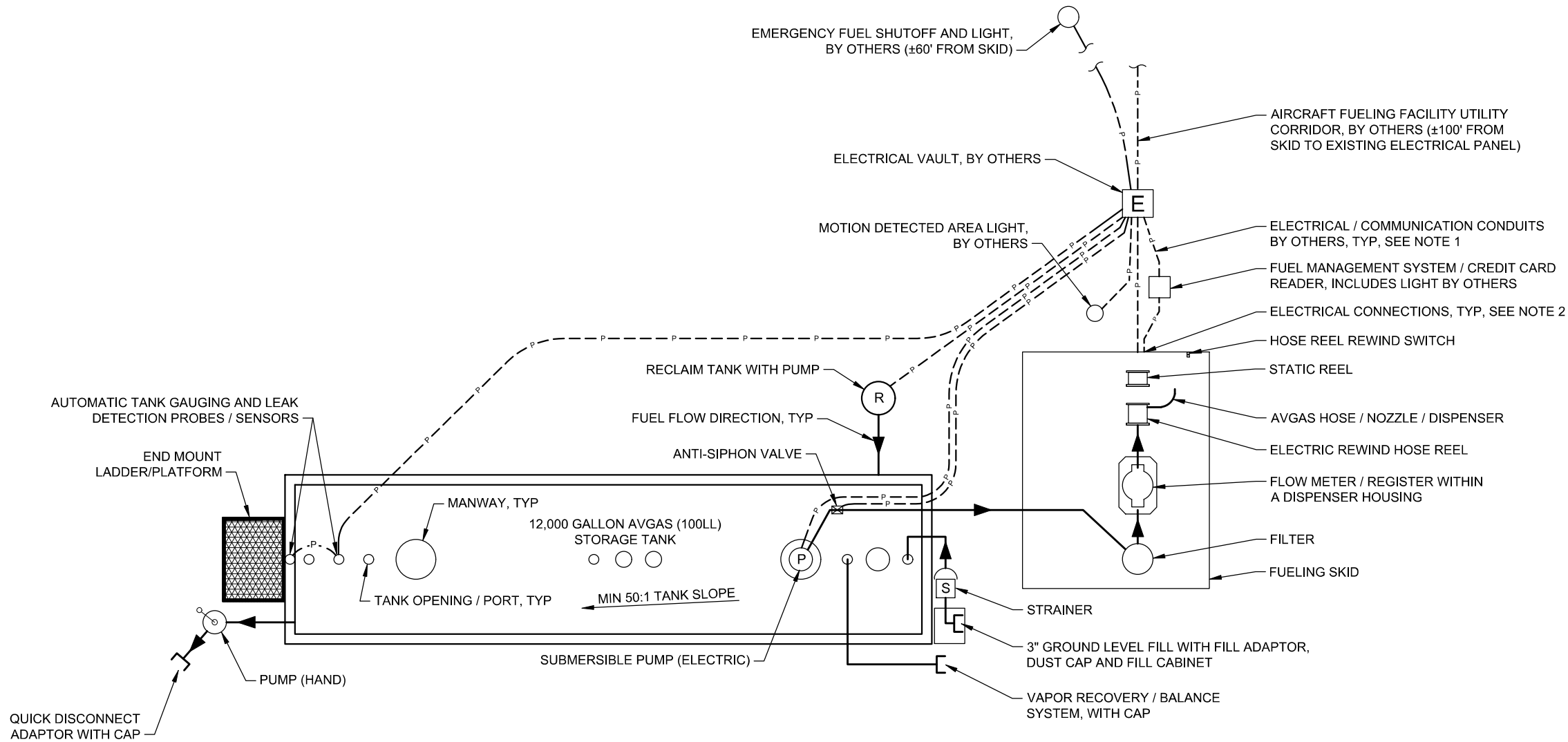
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 <p>Lewis County Public Works Department 57 W. Main St. Chehalis, Washington, 98532 Phone: 360 740-1123 Web Address: www.lewiscountywa.gov</p>	<p>PRECISION APPROACH ENGINEERING 5125 Southwest Hout Street Corvallis, OR 97333 541•754•0043</p>	 <p>6/29/2023</p>	<table><tr><td>REVISIONS:</td><td>DATE</td><td>APPD.</td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr></table>	REVISIONS:	DATE	APPD.																<p>DATE: JULY 2023 DESIGN: KJK DRAWN: JAW CHECKED: CWM REVISION NUMBER: 0 SCALE: AS SHOWN</p>	<p>ED CARLSON MEMORIAL FIELD - SOUTH LEWIS COUNTY AIRPORT PHASE 1 IMPROVEMENTS - NEW ABOVE GROUND AVGAS (100LL) FUELING SYSTEM</p> <p>LAYOUT PLAN - FUEL SYSTEM</p> <p>PRECISION APPROACH ENGINEERING, INC.</p>	<p>PROJECT NUMBER: LEW002</p> <p>SHEET NO. 3 OF 4</p>
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NOTE: THE LAYOUT SHOWN HERE IS FOR SCHEMATIC REFERENCES ONLY, PLEASE REFER TO SPECIFICATIONS FOR SPECIFIC REQUIREMENTS RELATED TO THE FUELING SYSTEM.

NOTES

- CONTRACTOR TO PROVIDE CONDUIT LAYOUT SCHEDULE FOR ELECTRICAL AND COMMUNICATION CONDUIT INSTALLATION BY OTHERS.
- CONTRACTOR TO PREWIRE FUEL SYSTEM FOR ELECTRICAL / COMMUNICATION CONNECTIONS BY OTHERS AS FOLLOWS:
 - COMMON POINT ON FUELING SKID FOR ALL DISTRIBUTION EQUIPMENT
 - RECLAIM SYSTEM
 - TANK GAUGING/LEAK DETECTION SYSTEM ON TANK
 - POWER / CONTROL POWER FROM CARDLOCK TO TURBINE RELAY BOX
 - ANTI-SIPHON VALVE

INFORMATIONAL ONLY

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ED CARLSON MEMORIAL FIELD - SOUTH LEWIS COUNTY AIRPORT
PHASE 1 IMPROVEMENTS - NEW ABOVE GROUND
AVGAS (100LL) FUELING SYSTEM

FUEL SYSTEM SCHEMATIC

PRECISION APPROACH ENGINEERING, INC.

PROJECT NUMBER:
LEW002

SHEET NO.

4

OF **4**