



CONTRACT PACKET FOR:

Lewis County Historic Courthouse Masonry Restoration

Project, Project #31-2012

OFFERED BY:

LEWIS COUNTY DEPARTMENT OF INTERNAL SERVICES

FACILITIES DIVISION

571 NW Prindle Street, Chehalis, WA 98532

Mailing Address: 351 NW North Street, Chehalis WA 98532

Phone: 360-740-1192

Fax: 360-740-2720

CONTRACT PACKET CONTENTS

1. BID ADVERTISEMENT/INSTRUCTIONS TO BIDDERS
2. CHECKLIST
3. PLANS AND SPECIFICATIONS
4. CENTRAL SERVICES CONTRACT/GENERAL CONDITIONS/SPECIAL CONDITIONS
5. PREVAILING WAGE NOTICE
6. PERFORMANCE BOND
7. CERTIFICATE OF INSURANCE
8. BID FORM

1.

CALL FOR BIDS

CALL FOR BIDS

Bids Due: 3:00 PM Thursday May 7, 2020

April 9, 2020

The Lewis County Facilities Division is requesting bids from the Lewis County Small Works Roster for masonry restoration and repair at the Historic Lewis County Courthouse , 351 NW North St., Chehalis, WA.

Interested bidders should contact the **Facilities Division Office, 571 N.W. Prindle St., Chehalis, WA. 98532** or call **360 740-1192** for more information and bid materials.

Bid information also online at <https://lewiscountywa.gov/departments/central-services/facilities/facilities-call-for-bids/>

Project Name and #: Historic Lewis County Courthouse Masonry Restoration Project, #31-2012

Location of work: 351 NW North St., Chehalis, WA

Contact Person: Doug Carey, Manager (360) 740-1192

Site Visit: By appointment. Please call to schedule.

Bidding Instructions:

Bid envelopes must be sealed and clearly labeled as:

Historic Lewis County Courthouse Masonry Restoration Project, #31-2012

and delivered by 3:00 PM on the due date. Bids may be mailed or hand delivered to the Facilities Office. The Bid Opening will take place at 4 p.m. in the Historical Courthouse, 351 NW North St, on the 2nd floor in the BOCC Hearing Room.

Mailing Address:
Lewis County Facilities
351 NW North St.
Chehalis, WA 98532

Physical Address:
Lewis County Facilities
571 Prindle St.
Chehalis, WA

Interested firms not on the roster should contact Lewis County Public Works to be added to the appropriate roster or go online at <https://lewiscountywa.gov/departments/public-works/contracting-consultants-rosters-bids/> .

SEALED BIDS MUST BE DELIVERED BY OR BEFORE

3:00 P.M. on Thursday, May 7, 2020

(Lewis County official time is displayed on Mitel phones in the Facilities Office. **Bids submitted after 3:00 PM will not be considered for this project.**)

The Lewis County Central Services 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 bidders that it will affirmatively ensure that in any contract entered into pursuant to this advertisement, disadvantaged business enterprises 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 in consideration for an award.

2.

DOCUMENT CHECK LIST

(Lewis County Forms Only)

The following items must be returned in the completed contract package:

1. Signed Contract
2. Performance Bond
3. Certificate of Insurance

3.

Project Scope and Specifications

Exhibit A-SCOPE OF WORK/SPECIFICATIONS

The project intends to repair/replace the failing mortar joints between the cast sandstone blocks making up the southern façade on the Lewis County Courthouse, built in 1927, and listed on the National Historical Register. The contractor shall:

1. Follow the Secretary of the Interiors Standards for the Treatment of Historical Structures.
2. Use methods and materials approved for use on Historical Masonry Structures.
3. Obtain any required permits for work in the City Right of Way, including sidewalks.
4. Provide any barricades or other equipment to allow public access to the building while work progresses.

Work will include:

1. Inspection and identification of failed/failing joints primarily between the cast sandstone units of the southern façade of the Historic Lewis County Courthouse.
2. After inspection, contractor shall remove failed, missing, cracked or otherwise compromised mortar joints and replace mortar joints with approved mortar of approved color.
3. Contractor shall match appearance of existing work.
4. Upon completion of repairs, entire building shall be cleaned using hot water low pressure wash and natural bristle brush.

SPECIFICATIONS

SECTION TABLE OF CONTENTS

RESTORATION AND CLEANING OF MASONRY IN HISTORIC STRUCTURES

PART 1 GENERAL

- 1.1 REFERENCES
- 1.2 SUBMITTALS
- 1.3 GENERAL REQUIREMENTS
 - 1.3.1 Cleaning and Restoration Methods
 - 1.3.2 Ionic Cleaners
- 1.4 QUALIFICATIONS
- 1.5 EQUIPMENT AND TECHNIQUES DEMONSTRATION
 - 1.5.1 Cleaning Equipment
 - 1.5.1.1 Sandblasting
 - 1.5.1.2 Water Blasting
 - 1.5.2 Drilling Equipment
 - 1.5.3 Finishing and Texturing Equipment
 - 1.5.4 Compressed Air Supplies

- 1.5.5 Material Handling and Associated Equipment
 - 1.5.5.1 Mixing, Transporting, and Placing Job Materials
 - 1.5.5.2 Associated Equipment
- 1.6 SAMPLE MASONRY PANELS
- 1.7 MATERIAL REQUIREMENTS
 - 1.7.1 Strength
 - 1.7.2 Special Properties
 - 1.7.3 Cementitious Content of Mortar
- 1.8 STORAGE OF MATERIALS
- 1.9 SAFETY AND HEALTH
 - 1.9.1 Worker Exposures
 - 1.9.2 Training
 - 1.9.3 Coordination
- 1.10 PROTECTION
 - 1.10.1 Interior Protection
 - 1.10.2 Environmental Protection
- 1.11 WEATHER LIMITATIONS
- 1.12 WARRANTIES
 - 1.12.1 Cleaning Warranty
 - 1.12.2 Repair Warranty

PART 2 PRODUCTS

- 2.1 MATERIALS
- 2.2 CLEANING MATERIALS
 - 2.2.1 Paint Removers
 - 2.2.2 Detergent Cleaners
 - 2.2.3 Ionic Cleaners
 - 2.2.3.1 Alkaline Prewash Cleaner
 - 2.2.3.2 One-Part Masonry Cleaner
 - 2.2.3.3 Two-Part Limestone Cleaner
 - 2.2.3.4 Standard Strength Acidic Cleaner
 - 2.2.3.5 Extra Strength Acidic Cleaner
 - 2.2.4 Liquid Strippable Masking Agent
 - 2.2.5 Spray Equipment
 - 2.2.6 Cleaning Implements
 - 2.2.7 Water
- 2.3 REPAIR MATERIALS
 - 2.3.1 Masonry and Mortar
 - 2.3.2 Cementitious Materials
 - 2.3.3 Epoxy Anchor Adhesives
 - 2.3.4 Metal attachments

PART 3 EXECUTION

- 3.1 EVALUATION AND ANALYSIS
- 3.2 MASONRY CLEANING
 - 3.2.1 Project Conditions
 - 3.2.2 Chemical Cleaners

- 3.2.3 Test Patches
- 3.2.4 Paint Removal
- 3.2.5 Water Cleaning
 - 3.2.5.1 Pressure Spraying
 - 3.2.5.2 Handscrubbing
 - 3.2.5.3 Rinsing
- 3.2.6 Chemical Cleaning
 - 3.2.6.1 Surface Prewetting
 - 3.2.6.2 Acidic Chemical Cleaning
 - 3.2.6.3 Alkaline Chemical Cleaning - Prewash Phase
 - 3.2.6.4 Alkaline Chemical Cleaning - Afterwash Phase
 - 3.2.6.5 pH Testing
- 3.3 MASONRY REPAIR
 - 3.3.1 Repointing
 - 3.3.1.1 Mortar Analysis
 - 3.3.1.2 Taking and Preparation of Samples
 - 3.3.1.3 Binder Analysis
 - 3.3.1.4 Aggregate Analysis
 - 3.3.2 Mechanical Repair
 - 3.3.2.1 Areas To Be Removed
 - 3.3.2.2 Application of Masonry and Mortar
 - 3.3.2.3 Patch Anchors
 - 3.3.2.4 Holes
 - 3.3.2.5 Anchor Installation
 - 3.3.2.6 Cleanup
 - 3.3.2.7 Dutchman Repairs
- 3.4 EPOXY-RESIN GROUT
 - 3.4.1 Mixing Epoxy-Resin Grout Components
 - 3.4.2 Tools and Equipment
 - 3.4.3 Health and Safety Precautions
- 3.5 MASONRY REPLACEMENT
- 3.6 MASONRY AND MORTAR FINISHES AND COLOR
- 3.7 JOINT SEALING
- 3.8 FINAL CLEANING
- 3.9 PROTECTION OF WORK
- 3.10 DEFECTIVE WORK
- 3.11 FINAL INSPECTION

- MASONRY

RESTORATION AND CLEANING OF MASONRY IN HISTORIC STRUCTURES

PART 1 GENERAL

1.1 REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to within the text by the basic designation only.

ACI INTERNATIONAL (ACI)

ACI C-20 (1992) *Repair and Rehabilitation II*

AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS (ACGIH)

ACGIH 0100Doc (2005) Documentation of the Threshold
Limit Values and Biological Exposure
Indices

ASTM INTERNATIONAL (ASTM)

ASTM A 36/A 36M (2005) Carbon Structural Steel
ASTM C 109/C 109M (2005) Compressive Strength of Hydraulic Cement Mortars (Using 2-in. [50-mm] Cube Specimens)
ASTM C 1324 (2004) Examination and Analysis of Hardened Masonry Mortar

ASTM C 150 (2005) Portland Cement

ASTM C 1515 (2001) Cleaning of Exterior Dimension Stone, Vertical and Horizontal Surfaces, New or Existing

ASTM C 207 (2005) Hydrated Lime for Masonry Purposes
ASTM C 881/C 881M (2002) Epoxy-Resin-Base Bonding Systems for Concrete

BRICK INDUSTRY ASSOCIATION (BIA)

BIA Tech Note 20 (1990; R 2000) Cleaning Brick Masonry

1.2 SUBMITTALS

Government approval is required for submittals with a “G” designation; submittals not having a “G” designation are for information only. When used, a designation following the “G” designation identifies the office that will review the submittal for the Government. The following shall be submitted in accordance with SUBMITTAL PROCEDURES:

SD-02 Shop Drawings
Masonry

Drawings showing location of masonry elements in the work, building elevations, interface with adjacent materials, and special placing instructions, in sufficient detail to cover fabrication, placement, and finishing.

SD-03 Product Data

Cleaning and Restoration Methods

Descriptive narrative in cleaning and repair methods to be employed in the work. Description shall be organized in sequence from preparation through completion of the work. Schedule showing estimated time, in calendar days, for completion of each phase of the work shall be included.

Qualifications

Documentation showing Contractor's experience of 5 consecutive years in masonry restoration, plus a list of similar jobs to the one specified herein.

SD-04 Samples

Materials

Sample Masonry

Samples of the materials listed below; indicating sizes, shapes, finishes, color, and pertinent accessories: Masonry as specified.

SD-07 Certificates

Materials

Certificates of compliance attesting that the materials, equipment, and cleaning agents (chemicals, detergents, etc.) to be used in the work meet the specified requirements.

1.3 GENERAL REQUIREMENTS

Work shall be done in conformance with **ACI C-20**.

1.3.1 Cleaning and Restoration Methods

The cleaning and restoration methods, and materials selected for a specific structure, shall be submitted for approval before work starts, and shall take into account the total construction system of the building to be worked upon, including different masonry and mortar materials, as well as non-masonry elements which may be affected by the work.

1.3.2 Ionic Cleaners

Ionic chemical cleaners shall be used as specified, in accordance with the manufacturer's instructions, and only upon the direction of the Owner. Ionic cleaners shall be used only after gentler cleaning methods have been determined to be ineffective through the use of test panels.

1.4 QUALIFICATIONS

The Contractor shall provide qualified workers, trained and experienced in restoration of masonry in historic structures, and shall furnish documentation of 5 consecutive years of work of this type. A list of similar jobs shall be provided identifying when, where, and for whom the work was done.

1.5 EQUIPMENT AND TECHNIQUES DEMONSTRATION

Equipment and techniques of operation shall be demonstrated in an approved location and shall be subject to approval. Dependable and sufficient equipment, appropriate and adequate to accomplish the work specified, shall be assembled at the work site in sufficient lead time before the start of the work to permit inspection, calibration of weighing and measuring devices, adjustment of parts, and the making of any repairs that may be required. The equipment shall be maintained in good working condition throughout the project.

1.5.1 Cleaning Equipment

Cleaning equipment shall not cause staining, erosion, marring, or other damage or changes in the appearance of the surfaces to be cleaned.

1.5.1.1 Sandblasting

Sandblasting equipment will not be allowed for cleaning masonry surfaces.

1.5.1.2 Water Blasting

Water blasting equipment shall include a trailer-mounted water tank, pumps, high-pressure hose, wand with safety release cutoff control, nozzle, and auxiliary water re-supply equipment. The equipment shall not be operated at a pressure which will cause etching or other damage to the masonry surface or mortar joints. The equipment shall be operated at a discharge capacity of 0.38 to 3.5 Mpa **55 to 500 psi** and 9.5 to 11.4 L/m **2.5 to 3 gpm** for general surface cleaning operations. The water tank and auxiliary re-supply equipment shall be of sufficient capacity to permit continuous operations. The Contractor shall provide protective covers and barriers as required to prevent over-spray onto adjacent surfaces.

1.5.2 Drilling Equipment

Equipment used to drill holes in masonry, for patch anchors and other applications, shall be standard handheld masonry drills, commonly used for drilling small holes in concrete and masonry. The drill shall be a small, powered, handheld type, using rotary drilling mode only. Impact and rotary impact type drills will not be allowed.

1.5.3 Finishing and Texturing Equipment

Equipment and hand tools used for placing, finishing and texturing masonry and mortar shall be commercially available and commonly used in masonry construction and repair. Surface grinders, impact tools, and other equipment shall conform to the specified requirements, except as specifically required by the type of finish and texture.

1.5.4 Compressed Air Supplies

Compressed air equipment shall deliver clean, oil and moisture free compressed air at the surface to be cleaned. The compressed air line shall have at least two in-line air filters to remove oil and moisture from the air supply. The compressed air supply shall be tested during each shift for the presence of oil and moisture.

1.5.5 Material Handling and Associated Equipment

1.5.5.1 Mixing, Transporting, and Placing Job Materials

Equipment used for mixing, transporting, placing, and confining masonry and mortar placements shall be capable of satisfactorily mixing material and supporting placement operations in an uninterrupted manner. Defects and deficiencies in operation or capacity shall be resolved prior to use in the work. Equipment used for mixing, conveying, and placing of materials shall be clean, free of old materials and contaminants, and shall conform to the material manufacturer's recommendations.

1.5.5.2 Associated Equipment

Associated equipment such as mixer timing equipment, valves, pressure gauges, pressure hoses, other hardware, and tools shall be provided as required to ensure a continuous supply of material and operation control.

1.6 SAMPLE MASONRY PANELS

Sample panels of each procedure proposed for use in the work shall be submitted for approval. No **masonry** or mortar shall be used in the work until the samples and the represented mixture have been approved.

1.7 MATERIAL REQUIREMENTS

1.7.1 Strength

Each class or mixture of mortar shall have a 28-day compressive strength matching the compressive strength of the original existing mortar in the structure as determined by [ASTM C 109/C 109M](#) for mortar. Test specimens of existing mortar shall be taken from a sound and intact representative portion of the structure, at locations indicated.

1.7.2 Special Properties

Mortar may contain admixtures, such as pigments, to match the characteristics of the original mortar. Use of all admixtures shall be subject to approval.

1.7.3 Cementitious Content of Mortar

Each class or mixture of mortar shall have a cement content matching the cement content of the original existing mortar in order to provide uniform strength, weathering characteristics, and appearance of repaired surfaces in relation to existing surfaces.

1.8 STORAGE OF MATERIALS

Materials shall be stored in weathertight structures which will exclude moisture and contaminants. Cement shall be furnished in suitable bags used for packaging cements. Labeling of packages shall clearly define contents, manufacturer, and batch identification. Detergents, masonry cleaners, paint removers, solvents, epoxies and other chemicals used for masonry cleaning shall be in sealed containers that legibly show the designated name, formula or specification number, quantity, date of manufacture, manufacturer's formulation number, manufacturer's directions including any warnings and special precautions, and name of manufacturer. Accessories shall be stored avoiding contamination and deterioration. Admixtures which have been in storage onsite for six months or longer, or which have been subjected to freezing, shall not be used unless retested and proven to meet the specified requirements.

1.9 SAFETY AND HEALTH

Work shall comply with applicable federal, state, and local laws and regulations, and with the ACCIDENT PREVENTION PLAN, including the Activity Hazard Analysis, specified in the CONTRACT CLAUSES. The Activity Hazard Analysis shall include analyses of the potential impact of cleaning operations on personnel and on others involved in and adjacent to the work zone.

1.9.1 Worker Exposures

Exposure of workers to chemical substances shall not exceed the limits established by [ACGIH 0100Doc](#), or those required by a more stringent applicable regulation.

1.9.2 Training

Workers having access to an affected work area shall be informed of the contents of the applicable material safety data sheets, of potential health and safety hazard, and of protective controls associated with materials used on the project. An affected work area is one which may receive dust, mists, and odors from the surface preparation operations. Workers involved in masonry cleaning shall be trained in the safe handling and application, and the exposure limit, of each material to be used in the project. Personnel having a need to use respirators and masks shall be instructed in the use and maintenance of such equipment.

1.9.3 Coordination

Work shall be coordinated to minimize exposure of building occupants, other Contractor personnel, and visitors to mists and odors from surface preparation, cleaning, and repair operations.

1.10 PROTECTION

Persons, motor vehicles, adjacent surfaces, surrounding buildings, equipment, and landscape materials shall be protected from chemicals used and runoff from cleaning and paint removal operations. Temporary protection covers, which shall remain in operation during the course of the work, shall be erected over pedestrian walkways and at personnel and vehicular points of entrance and exit.

1.10.1 Interior Protection

The interior of buildings shall be protected from the weather, cleaning, and repair operations at all times.

1.10.2 Environmental Protection

The work shall comply with the requirements of ENVIRONMENTAL PROTECTION and LEAD BASED PAINT HAZARD ABATEMENT, TARGET HOUSING & CHILD OCCUPIED FACILITIES.

1.11 WEATHER LIMITATIONS

Masonry, mortar, and epoxy adhesives shall not be placed when weather conditions detrimentally affect the quality of the finished product. No masonry or mortar shall be placed when the air temperature is below 5 degrees C 40 degrees F in the shade. When air temperature is likely to exceed 35 degrees C 90 degrees F masonry and mortar shall have a temperature not exceeding 35 degrees C 90 degrees F when deposited. Materials to be used in the work shall be neither produced nor placed during periods of rain or other precipitation. Material placements shall be stopped, and all in-place material shall be protected from exposure, during periods of rain or other precipitation.

1.12 WARRANTIES

1.12.1 Cleaning Warranty

Cleaning procedures shall be warranted for a period of two years against harm to substrate (masonry and mortar) or to adjacent materials including, but not limited to, discoloration of substrate from improper procedures or usage, chemical damage from inadequate rinse procedures, and abrasive damage from improper procedures.

1.12.2 Repair Warranty

Repair procedures, including repointing, shall be warranted for a period of two years against: discoloration or mismatch of new mortar to adjacent original historic mortar, discoloration or damage to masonry from improper mortar clean-up, loss of bond between masonry and mortar, fracturing of masonry edges from improper mortar joint preparation procedures or improper mortar formulation, and occurrence of efflorescence.

PART 2 PRODUCTS

2.1 MATERIALS

Materials, physical and chemical properties, and composition of masonry and mortar used in renovation work shall match that of original existing masonry and mortar to be repaired, unless samples and testing determine that existing mixtures and materials are faulty or non-performing.

2.2 CLEANING MATERIALS

2.2.1 Paint Removers

Chemical paint removers shall be manufacturer's water soluble, low toxicity products, effective for removal of paint on masonry without altering, damaging, or discoloring the masonry surface.

2.2.2 Detergent Cleaners

Detergent cleaners shall be in accordance with manufacturer's recommendations.

2.2.3 Ionic Cleaners

2.2.3.1 Alkaline Prewash Cleaner

Alkaline prewash cleaners shall be as recommended by the manufacturer.

2.2.3.2 One-Part Masonry Cleaner

One-part masonry cleaners shall be the standard, acid formulation recommended by the manufacturer.

2.2.3.3 Two-Part Limestone Cleaner

Two-part limestone cleaners shall be manufacturer's standard, two-part masonry cleaning system consisting of an alkaline prewash cleaner followed by acidic after-wash rinse.

2.2.3.4 Standard Strength Acidic Cleaner

Acidic cleaners shall be manufacturer's standard strength, acidic masonry restoration cleaner composed of hydrofluoric acid blended with other acids and combined with special wetting systems and inhibitors.

2.2.3.5 Extra Strength Acidic Cleaner

Masonry restoration extra strength acidic cleaners shall be as recommended by the manufacturer.

2.2.4 Liquid Strippable Masking Agent

Liquid strippable masking agent shall be manufacturer's standard liquid, film-forming, strippable masking material for protecting glass, metal, and polished stone surfaces from the damaging effect of acidic and alkaline masonry cleaners.

2.2.5 Spray Equipment

Spray equipment for chemical cleaners shall be low-pressure tanks or chemical pumps suitable for chemical cleaner indicated, and shall be equipped with stainless steel, cone-shaped spray-tip. Spray equipment for water shall disperse water through a fan-shaped spray tip at an angle of not less than 15 degrees. Spray equipment shall deliver water at a pressure not greater than 3.5 Mpa 500 psi and at a volume between 9.5 and 11.4 L/m 2.5 and 3 gpm. Spray equipment for heated water shall be capable of maintaining temperature, at flow rates indicated, between 60 and 82 degrees C 140 and 180 degrees F.

2.2.6 Cleaning Implements

Brushes shall have natural or nylon fiber bristles only. Wire brushes shall not be used. Scrapers and application paddles shall be made of wood with rounded edges. Metallic tools shall not be used.

2.2.7 Water

Potable water shall be obtained from a local source and shall be filtered to remove minerals resulting in a neutral pH, prior to application. Backflow prevention devices shall be provided at the point of connection to the water supply.

2.3 REPAIR MATERIALS

2.3.1 Masonry and Mortar

Masonry and mortar materials used for repair and renovation shall match the original existing historic materials as closely as possible in composition, color, texture, strength, size, finishing and porosity.

2.3.2 Cementitious Materials

Cementitious materials shall be of one type and from one source, when used in mortar which will have surfaces exposed in the finished structure. Cement composition shall match that of cement used in existing mortar to be repaired, as determined by samples and testing, and shall conform to the basic requirements of ASTM C 150, Type low alkali.

2.3.3 Epoxy Anchor Adhesives

An epoxy-resin grout shall be used to bond steel anchors to masonry, and shall be a 100 percent solids, moisture insensitive, low creep, structural adhesive. The epoxy shall conform to ASTM C 881/C 881M, Type IV; Grade and Class selected to conform to the manufacturer's recommendations for the application.

2.3.4 Metal attachments

Anchors for spall repairs shall be threaded stainless steel, size as indicated. Other plates, angles, anchors, and embedments shall conform to ASTM A 36/A 36M, and shall be prime painted with inorganic zinc primer.

PART 3 EXECUTION

3.1 EVALUATION AND ANALYSIS

Evaluation and analysis shall conform to the requirements specified herein. Masonry renovation shall be undertaken only after complete evaluation and analysis of the areas to be repaired are completed; this shall include sampling and testing of the existing mortar to determine its composition and qualities. No repair work shall be undertaken until conditions that have caused masonry deterioration have been identified; such conditions shall be corrected, if possible, prior to start of the work.

3.2 MASONRY CLEANING

Historic materials shall not be damaged or marred in the process of cleaning. Cleaning shall conform to **ASTM C 1515**. Open joints shall be temporarily caulked or otherwise protected to prevent water and cleaner intrusion into the interior of the structure from pressure spraying. Non-masonry materials and severely deteriorated masonry shall be protected by approved methods prior to initiation of cleaning operations. Masonry cleaning shall remove all organic and inorganic contaminants from the surface and pores of the substrate, returning the masonry to its natural color. Surfaces shall be evenly cleaned with no evidence of streaking or bleaching. The cleaning process shall not affect the density, porosity, or color of the masonry or mortar. Cleaned masonry shall have a neutral pH. Methods used for cleaning historic masonry shall be the gentlest possible to achieve the desired results. Test patches shall be made to determine a satisfactory cleaning result. Cleaning shall proceed in an orderly manner, working from top to bottom of each scaffold width and from one end of each elevation to the other. Cleaning shall be performed in a manner which results in uniform coverage of all surfaces, including corners, moldings, interstices and which produces an even effect without streaking or damage to masonry. The cleaning materials, equipment, and methods shall not result in staining, erosion, marring, or other damage to the surfaces of the structure. Following an initial inspection and evaluation of the structure and surfaces, the structure shall be given a surface cleaning. The surface cleaning shall be completed prior to start of repair work, and sampling and testing of mortars. The cleaning shall provide for the complete cleaning of all exterior masonry surfaces of the structures, removing all traces of moss, dirt, and other contaminants. The cleaning shall provide a clean masonry surface to allow determination of the masonry's color and shades, finish and texture, and other properties. Following completion of the surface cleaning of the structure (or side of structure) the masonry shall be dried prior to the start of any repair work. The following sequence of methods shall be used to determine the least aggressive, effective cleaning method:

1. Water with brushes
2. Water with mild soap
3. Water with stronger soap
4. Water with stronger soap plus ammonia
5. Water with stronger soap plus vinegar (but not on calcareous masonry)
6. Stronger chemical cleaners, only when above methods are determined to be ineffective by the Contracting Officer

3.2.1 Project Conditions

Masonry surfaces shall be cleaned only when air temperatures are above **5 degrees C 40 degrees F** and will remain so until masonry has dried out, but for not less than 7 days after completion of the work.

3.2.2 Chemical Cleaners

Acidic chemical cleaners shall not be used on limestone, marble, concrete and other calcareous (calcium containing) masonry materials. If chemical cleaners are used on such materials, they shall be alkaline based and utilized with neutralizing after-washes.

3.2.3 Test Patches

The materials, equipment, and methods to be used in cleaning shall be demonstrated in a test section approximately 1 by 1 m 3 by 3 ft square. The location of the test section, and the completed test section shall be subject to approval. The cleaning process shall be adjusted as required and the test section rerun until an acceptable process is obtained. Test patches shall be located in inconspicuous areas of the building. The areas tested shall exhibit soiling characteristics representative of those larger areas to be cleaned. Tests shall also be conducted on areas to be stripped of paint. Tested areas shall be allowed to dry before a determination is made on the effectiveness of a particular treatment.

3.2.4 Paint Removal

Paint and other coatings shall be removed from masonry surfaces in areas indicated prior to general cleaning. Masonry shall not be damaged or marred in the process of paint removal. Areas where paint is to be removed shall first be cleaned with water and detergent solution to remove surface dirt, rinsed, and allowed to dry. Chemical paint removers shall be applied in accordance with manufacturer's instructions. Surrounding painted surfaces to remain intact shall be protected from exposure to chemical paint removers to avoid damage. Paint containing lead that is to be removed shall be removed in accordance with LEAD BASED PAINT HAZARD ABATEMENT, TARGET HOUSING & CHILD OCCUPIED FACILITIES.

3.2.5 Water Cleaning

3.2.5.1 Pressure Spraying

Water shall be spray applied to masonry surfaces to comply with requirements indicated by test patches for location, purpose, water temperature, pressure, volume, and equipment. Unless otherwise indicated, the surface washing shall be done with clean, low pressure water (pressure of less than 0.38 MPa 55 psi and 9.5 to 11.4 L/m 2.5 to 3 gpm discharge) and the spray nozzle shall not be held less than 300 mm 12 inches from surface of masonry. Water shall be applied side to side in overlapping bands to produce uniform coverage.

3.2.5.2 Hand-scrubbing

Pre-wetted surfaces shall be scrubbed using hand-held natural bristle or nylon brushes. Wire brushes shall not be used. Surfaces to be cleaned shall be scrubbed to remove surface contaminants.

3.2.5.3 Rinsing

Scrubbed surfaces shall be rinsed clean of all contaminants and cleaning solutions with water in a low-to-moderate pressure spray, working upwards from bottom to top of each treated area. The rinsing cycle shall remove all traces of contaminants and cleaning solutions.

3.2.6 Chemical Cleaning

Chemical cleaning of historic masonry shall use the gentlest means possible to achieve the desired result as determined by test patches. Chemical cleaning shall be the use of any product in addition to water, including detergents, ammonia, vinegar, and bleach. Cleaning shall proceed in an orderly manner, working from top to bottom of each scaffold width and from one end of each elevation to the other. Cleaning shall result in uniform coverage of all surfaces, including corners, moldings, interstices and shall produce an even effect without streaking or damage to masonry. Chemical cleaners shall not be applied to the same masonry surfaces more than twice.

3.2.6.1 Surface Prewetting

Masonry surfaces to be cleaned with chemical cleaners shall be wetted with water using a low pressure spray before application of any cleaner.

3.2.6.2 Acidic Chemical Cleaning

Acidic chemical cleaners shall be applied according to manufacturer's instructions. Acidic chemical cleaners shall not be applied to masonry with high calcium content (e.g. marble, limestone). Acidic cleaners shall be applied to masonry surfaces by low pressure spray 0.35 MPa 50 psi max., roller, or brush. Cleaner shall remain on masonry surface for the time period recommended by manufacturer. Manual scrubbing by brushes shall be employed as indicated by test patches for the specific location. Cleaned surfaces shall be rinsed with a low-to-moderate pressure spray of water to remove all traces of chemical cleaner.

3.2.6.3 Alkaline Chemical Cleaning - Prewash Phase

Alkaline chemical cleaners shall be applied according to manufacturer's instructions. Alkaline cleaners shall be applied to masonry surfaces by low pressure spray 0.35 MPa 50 psi max., roller, or brush. Cleaner shall remain on masonry surface for the time period recommended by the manufacturer. Manual scrubbing by brushes shall be employed as indicated by test patches for the specific location. Cleaned surfaces shall be rinsed with a low-to-moderate pressure spray of water.

3.2.6.4 Alkaline Chemical Cleaning - Afterwash Phase

Immediately after rinsing of alkaline cleaned surfaces, a neutralizing afterwash shall be applied to the cleaned masonry areas. Neutralizing afterwash shall be applied according to manufacturer's instructions. Neutralizing afterwash shall be applied to masonry surfaces by low pressure spray 0.35 MPa 50 psi max., roller, or brush. Afterwash shall remain on masonry surface for the time period recommended by manufacturer. Cleaned surfaces shall be rinsed with a low-to-moderate pressure spray of water to remove all traces of chemical cleaners.

3.2.6.5 pH Testing

Masonry surfaces which have been chemically cleaned shall be pH tested using pH monitoring pencils or papers. Chemically cleaned masonry shall be rinsed of all chemical residues until a neutral pH (7) reading is obtained from the masonry surface.

3.3 MASONRY REPAIR

Repaired surfaces shall match adjacent existing surfaces in all respects. Masonry repair shall proceed only after the cause of deterioration has been identified and corrected. Masonry repair shall conform to ACI C-20. Repair of terra cotta masonry shall be as directed.

Masonry repair shall proceed only after the area to be repaired has been cleaned. The materials, methods and equipment proposed for use in the repair work shall be demonstrated in test panels. The location, number, size and completed test panels shall be subject to approval. Products shall be used in accordance with the manufacturer's instructions.

3.3.1 Repointing

Repointing work shall be as directed. Old caulking, grout, or mortar shall be removed from previously repaired cracks where it is failing. Loose particles shall be removed from cracks. Cracks shall be cleaned, rinsed with water followed by blowing with filtered, dry, compressed air.

3.3.1.1 Mortar Analysis

Existing original historic mortar shall be analyzed before repointing in order to provide a match with the new repointing mortar. Historic mortars are usually softer than newer mortars, often using lime as a binder rather than cement. Lime for repointing mortar shall conform to ASTM C 207, Type S, unless otherwise specified. Full laboratory analysis of the existing mortar shall conform to ASTM C 1324. Field analysis of the existing mortar shall be as specified below.

3.3.1.2 Taking and Preparation of Samples

Samples of unweathered original historic mortar shall be taken and analyzed in order to match the new mortar to be used for repointing. Samples of each different type of mortar in the structure

shall be taken and analyzed. Three or four samples of each type of mortar to be matched shall be removed with a hand chisel from several locations on the building. The largest sample shall be set aside for comparison with the repointing mortar. The remaining samples shall be broken apart with a wooden mallet, powdering them into their constituent parts.

3.3.1.3 Binder Analysis

A part of the sample shall be stirred into diluted hydrochloric acid. If a vigorous chemical reaction (bubbling) occurs and most of the binder disappears, leaving clean aggregate, the binder was lime. A portland cement binder will result in a murky liquid and will dissolve very slowly over several days.

3.3.1.4 Aggregate Analysis

Aggregate of the mortar sample shall be separated from the binder. This shall be accomplished by taking the crushed mortar sample and either gently blowing away the fine binder material, placing the crushed sample in a centrifuge, or chemically separating the aggregate from the binder. The separated aggregate shall be rinsed clean with water and dried. The aggregate shall be examined with a magnifying glass, and the component materials shall be recorded as to range of materials, sizes, colors, as well as the presence of other materials.

3.3.2 Mechanical Repair

Original historic masonry materials shall be repaired or replaced only if surfaces are extensively deteriorated (surface missing to a depth of 100 mm 4 inches or more) or are threatening the safety of the structure or individuals. Deteriorated surfaces shall be removed and repaired or replaced only upon approval. Repairs and replacements shall match the materials, colors, and finish of the existing historic masonry as closely as possible.

3.3.2.1 Areas To Be Removed

Unsound, weak, or damaged masonry and mortar shall be removed in areas as indicated. Loose particles, laitance, spalling, cracked, or debonded masonry and mortar and foreign materials shall be removed with hand tools unless otherwise noted. Surfaces prepared for repair shall be cleaned free of dust, dirt, masonry chips, oil or other contaminants, rinsed with water, and dried before repair work is begun. Surfaces of the structure, and surfaces adjacent to the work area shall be protected from damage which may result from removal, cleaning, and repair operations.

3.3.2.2 Application of Masonry and Mortar

Masonry and mortar shall be placed to rebuild spalled or damaged areas to match the original surface finish, level, texture, and color. The finished appearance of the patch shall match the adjacent existing surface.

3.3.2.3 Patch Anchors

Patch anchors shall be provided to ensure that the patch is tied to the existing masonry structure. Patch anchors shall be provided at a frequency of at least one patch anchor per 93 square mm square foot of patch plan surface area; specific locations for patch anchors shall be as indicated. Small handheld, low-speed rotary masonry drills shall be used to produce holes in the existing masonry, within the limits for the patch anchor installation.

3.3.2.4 Holes

Holes shall be drilled into the existing substrate material of the masonry using rotary (non-hammer) drills. Holes shall have a diameter of 3 mm 1/8 inch larger than the anchor diameter. The holes shall be drilled to a depth of 100 mm 4 inches, except as otherwise indicated or directed. Drill holes shall not penetrate completely through the masonry, and shall provide at least 25 mm 1 inch of cover around the drill hole. Holes shall be cleaned by water blasting to remove drill dust and other debris and then blown dry with filtered, dry, compressed air. Drill

holes shall be conditioned in accordance with the epoxy adhesive manufacturer's recommendations.

3.3.2.5 Anchor Installation

Anchors shall be cleaned to remove all contaminants which may hinder epoxy bond. Epoxy adhesive shall be pressure injected into the back of the drilled holes. The epoxy shall fill the holes without spilling excess epoxy when the anchors are inserted. Anchors shall be inserted immediately into the holes. The anchors shall be set back from the exterior face at least **25 mm 1 inch**. Anchors shall be installed without breaking or chipping the exposed masonry surface.

3.3.2.6 Cleanup

Excess epoxy and spills shall be removed from the surface of the masonry. The surface of the masonry shall be left in a clean and uncontaminated condition. Spills on adjacent surfaces shall also be removed and surfaces repaired as required.

3.3.2.7 Dutchman Repairs

The piecing-in of small patches of masonry to repair or replace damaged areas (Dutchman repair) shall be used in areas indicated. Repair pieces shall be held in place with epoxy with the joint between the new and old materials kept as narrow as possible to maintain the appearance of a continuous surface. Repairs shall be made to blend in with the surrounding original materials as closely as possible.

3.4 EPOXY-RESIN GROUT

The epoxy adhesive shall be conditioned, proportioned, mixed, applied, protected, and cured in accordance with the manufacturer's recommendations, except as otherwise specified herein or indicated on the drawings. The adjacent surfaces and ambient conditions shall be maintained within the manufacturer's recommendations. The patch anchors and epoxy adhesive shall be protected from displacement and disturbances.

3.4.1 Mixing Epoxy-Resin Grout Components

Epoxy-resin grout components shall be mixed in the proportions recommended by the manufacturer. The components shall be conditioned within **20 to 30 degrees C 70 to 85 degrees F** for 48 hours prior to mixing. The two epoxy components shall be mixed with a power-driven, explosion-proof stirring device in a metal or polyethylene container having a hemispherical bottom. The polysulfide curing agent component shall be added gradually to the epoxy-resin component with constant stirring until a uniform mixture is obtained. The rate of stirring shall be such that the entrained air is at a minimum.

3.4.2 Tools and Equipment

Tools and equipment to be used again in the work shall be cleaned before the epoxy-resin grout sets.

3.4.3 Health and Safety Precautions

Full-face shields shall be provided for mixing, blending, and placing operations as required. Protective coveralls and neoprene-coated gloves shall be provided for workers engaged in the operations. Protective creams of a suitable nature for the operation shall be supplied. Adequate fire protection shall be maintained at mixing and placing operations. Smoking or the use of spark- or flame-producing devices shall be prohibited within **15 m 50 feet** of mixing and placing operations. The mixing, placing, or storage of epoxy-resin grout or solvent shall be prohibited within **15 m 50 feet** of any vehicle, equipment, aircraft, or machinery that could be damaged from fire or could ignite vapors from the material.

3.5 MASONRY REPLACEMENT

Masonry shall be replaced with material that matches the original in terms of composition, color, texture, strength, finishing, and porosity as closely as possible. If a few isolated masonry units are to be replaced, each shall be removed without disturbing the surrounding masonry. Deteriorated masonry units and mortar requiring replacement shall be removed by hand chiseling. Adjoining masonry units shall not be damaged

during the removal of deteriorated units and mortar. The new element shall be tested for fitting into its space without mortar. If wedges are used to support and align the new unit, they shall be covered with at least **38 mm 1-1/2 inches** of mortar when pointing is complete. The four sides and back of the space shall be covered with sufficient mortar to ensure that there will be no air spaces when the new unit is set. The new unit shall be lined up and set by tapping it into place with a wooden or rubber mallet. Face of new unit shall align with that of existing masonry. Joints shall be repointed to match the rest of the wall after new units have been properly installed and adjusted. Replacement areas shall be cleaned with a non-metallic brush and water to remove excess mortar

3.6 MASONRY AND MORTAR FINISHES AND COLOR

The exposed surfaces of masonry and mortar repair shall match the finish, color, texture, and surface detail of the original surface. Mechanical finishing and texturing may be required to produce the required finish and appearance. The finishing and texturing shall conceal bond lines between the repaired area and adjacent surfaces. The texturing shall provide replication of all surface details, including tooling and machine marks. The equipment used in finishing and texturing shall be a low-impact energy type which will not weaken the patch or damage the patch bond and the adjacent concrete.

3.7 JOINT SEALING

Joint sealing shall be as specified in Section **07920 JOINT SEALANTS**.

3.8 FINAL CLEANING

No sooner than 72 hours after completion of the repair work and after joints are sealed, faces and other exposed surfaces of masonry shall be washed down with water applied with a soft bristle brush, then rinsed with clean water. Discolorations which cannot be removed by these procedures shall be considered defective work. Cleaning work shall be done when temperature and humidity conditions allow the surfaces to dry rapidly. Adjacent surfaces shall be protected from damage during cleaning operations.

3.9 PROTECTION OF WORK

Work shall be protected against damage from subsequent operations.

3.10 DEFECTIVE WORK

Defective work shall be repaired or replaced, as directed, using approved procedures.

3.11 FINAL INSPECTION

Following completion of the work, the structure shall be inspected for damage, staining, and other distresses. The patches shall be inspected for cracking, crazing, delamination, unsoundness, staining and other defects. The finish, texture, color and shade, and surface tolerances of the patches shall be inspected to verify that all requirements have been met. Surfaces exhibiting defects shall be repaired as directed.

4.

LEWIS
COUNTY AGREEMENT
GENERAL TERMS AND
CONDITIONS

AGREEMENT

EFFECTIVE DATE: _____

_____, hereinafter called CONTRACTOR, and LEWIS COUNTY, hereinafter called COUNTY, agree as set forth in this Agreement, including: Scope of Work, Specifications, Compensation, Bid Response forms, General and Special Conditions, copies of which are attached hereto and incorporated herein by this reference as fully as if set forth herein.

Project: Historic Courthouse Masonry Restoration, Project# 31-2012

Bid Price (with accepted alternates): \$_____

The term of this Agreement shall commence upon the date of execution as shown above. This agreement may be renewed or terminated upon written notice provided either by the County or the service provider thirty (30) or more days prior to the effective date of renewal or termination.

CONTRACTOR acknowledges and by signing this contract agrees that the Indemnification provisions set forth in Paragraphs, 5, 7, 14, 15, 16, 21, 22, and 25 are totally and fully part of this contract and have been mutually negotiated by the parties.

IN WITNESS WHEREOF, the parties have executed this Agreement this _____ day of _____, 2020.

CONTRACTOR:

LEWIS COUNTY:

Steve Wohld
Lewis County, Chief of Internal Services

Title of Signatory
Authorized by the firm By Laws

Mailing Address:

Approved as to Form Only:
Jonathan Meyer, Prosecuting Attorney

By:

Deputy Prosecuting Attorney

UBI or Contractors License#

Federal Business Tax ID No.

GENERAL CONDITIONS

1. **Scope of Contractors Services:**

The Contractor agrees to provide to the County services and any material set forth in the project narrative identified as Exhibit "A" during the agreement period. No material, labor, or facilities will be furnished by the County, unless otherwise provided for in the Agreement.

2. **Accounting and Payment for Contractor Services:**

Payment to the Contractor for services rendered under this Agreement shall be as set forth in Exhibit "B". Where Exhibit "B" requires payments by Lewis County, payment shall be based upon billings, supported unless otherwise provided in Exhibit "B", by documentation of units of work actually performed and amounts earned, including where appropriate, the actual number days worked each month, total number of hours for the month, and total dollar payment requested. Unless specifically stated in Exhibit "B" or approved in writing in advance by the official executing this Agreement for Lewis County (hereinafter referred to as the "Contracting Officer"), the County will not reimburse the Contractor for any costs or expenses incurred by the Contractor in the performance of this contract.

Where required, the County shall, upon receipt of appropriate documentation, compensate the Contractor, no more often than weekly; through the County voucher system for the Contractor's service pursuant to the fee schedule set forth in Exhibit "B".

3. **Assignment and Subcontracting:**

No portion of this contract may be assigned or subcontracted to any other individual, firm or entity without the express and prior written approval of the Contracting Officer or as set forth in Exhibit "A".

4. **Labor Standards and Contract Assistance:**

The Contractor shall comply with the provisions of the Lewis County Contract and Procurement Assistance Program as applicable, attached hereto as "Special Conditions".

5. **Independent Contractor:**

The Contractor's services shall be furnished by the Contractor as an independent Contractor and nothing herein contained shall be construed to create a relationship of employer-employee or master-servant, but all payments made hereunder and all services performed shall be made and performed pursuant to this Agreement by the Contractor as an independent Contractor. The Contractor acknowledges that the entire compensation for this Agreement is specified in Exhibit "B" and the Contractor is not entitled to any County benefits including, but not limited to: vacation pay, holiday pay, sick leave pay, medical, dental, or other insurance benefits, or any other rights or privileges afforded to Lewis County employees.

Contractor will defend, indemnify and hold harmless the County, its officers, agents or employees from any loss or expense, including but not limited to settlements, judgments, setoffs, attorneys' fees or costs incurred by reason of claims or demands because of breach of the provisions of this paragraph.

6. **No Guarantee of Employment:**

The performance of all or part of this contract by the Contractor shall not operate to vest any employment rights whatsoever and shall not be deemed to guarantee any employment of the Contractor or any employee of the Contractor or any subcontractor or any employee of any subcontractor by the County at the present time or in the future.

7. **Taxes:**

The Contractor understands and acknowledges that the County will not withhold Federal or State income taxes. Where required by State or Federal law, the Contractor authorizes the County to make withholding for any taxes other than income taxes (i.e., Medicare). All compensation received by the Contractor will be reported to the Internal Revenue Service at the end of the calendar year in accordance with the applicable IRS regulations. It is the responsibility of the Contractor to make the necessary estimated tax payments throughout the year, if any, and the Contractor is solely liable for any tax obligation arising from

the Contractor's performance of this Agreement. The Contractor hereby agrees to indemnify the County against any demand to pay taxes arising from the Contractor's failure to pay taxes on compensation earned pursuant to this Agreement.

The County will pay sales and use taxes imposed on goods or services acquired hereunder as required by law. The Contractor must pay all other taxes including, but not limited to: Business and Occupation Tax, taxes based on the Contractor's gross or net income, or personal property to which the County does not hold title. The County is exempt from Federal Excise Tax.

8. **Regulations and Requirement:**

This Agreement shall be subject to all laws, rules, and regulations of the United States of America, the State of Washington, and political subdivisions of the State of Washington, and to any other provisions set forth in Special Conditions.

9. **Prevailing Wages:**

Contractor shall pay the prevailing rate of wages to all workers, laborers, or mechanics employed in the performance of any part of the Work in accordance with RCW 39.12 and the rules and regulations of the Department of Labor and Industries. The schedule of prevailing wage rates for the locality or localities of the Work, is determined by the Industrial Statistician of the Department of Labor and Industries. It is the Contractor's responsibility to verify the applicable prevailing wage rate.

Each Application for Payment submitted by Contractor shall state that prevailing wages have been paid in accordance with the pre-filed statement(s) of intent, as approved. Copies of the approved intent statement(s) shall be posted on the job site with the address and telephone number of the Industrial Statistician of the Department of Labor and Industries where a complaint or inquiry concerning prevailing wages may be made.

In compliance with chapter 296-127 WAC, Contractor shall pay to the Department of Labor and Industries the currently established fee(s) for each statement of intent and/or affidavit of wages paid submitted to the Department of Labor and Industries for certification.

10. **Right to Review:**

This contract is subject to review by any Federal or State auditor. The County or its designee shall have the right to review and monitor the financial and service components of this program by whatever means are deemed expedient by the Contracting Officer. Such review may occur with or without notice, and may include, but is not limited to, on-site inspection by County agents or employees, inspection of all records or other materials which the County deems pertinent to the Agreement and its performance, and any and all communications with or evaluations by service recipients under this Agreement. The Contractor shall preserve and maintain all financial records and records relating to the performance of work under this Agreement for 3 years after contract termination, and shall make them available for such review, within Lewis County, State of Washington, upon request.

11. **Modifications:**

Either party may request changes in the Agreement. Any and all agreed modifications shall be in writing, signed by each of the parties.

12. **Termination for Default:**

If the Contractor defaults by failing to perform any of the obligations of the contract or cannot perform because of regulatory order or failure to comply with regulatory requirements, including but not limited to applicable licensing laws, or becomes insolvent or is declared bankrupt or commits any act of bankruptcy- or insolvency or make an assignment for the benefit of creditors, the County may, by depositing written notice to the Contractor in the U.S. mail, postage prepaid, terminate the contract, and at the County's option, obtain performance of the work elsewhere. If the contract is terminated for default, the Contractor

shall not be entitled to receive any further payments under the contract until work called for, as may be applicable under Exhibit "A", has been fully performed. Any extra cost or damage to the County resulting from such default(s) shall be deducted from any money due or coming due to the Contractor. The Contractor shall bear any extra expenses incurred by the County in completing the work, as may be applicable under Exhibit "A", including all increased costs for completing the work, and all damage sustained, or which may be sustained by the County by reason of such default.

If a notice of termination for default has been issued and it is later determined for any reason that the Contractor was not in default, the rights and obligations of the parties shall be the same as if the notice of termination had been issued pursuant to the Termination for Public Convenience paragraph hereof.

13. **Termination for Public Convenience:**

The County may terminate the contract in whole or in part whenever the County determines, in its sole discretion that such termination is in the interests of the County. Whenever the contract is terminated in accordance with this paragraph, the Contractor shall be entitled to payment for actual work performed at unit contract prices for completed items of work. An equitable adjustment in the contract price for partially completed items of work will be made, but such adjustment shall not include provision for loss of anticipated profit on deleted or uncompleted work. Termination of this contract by the County at any time during the term, whether for default or convenience, shall not constitute a breach of contract by the County.

14. **Insurance Coverage:**

Contractor shall provide the following types and amounts of insurance:

1. **Commercial General Liability Insurance** using Insurance Services Office "Commercial General Liability" policy form CG 00 01, with an edition date prior to 2004, or the exact equivalent. Coverage for an additional insured shall not be limited to its vicarious liability. Defense costs must be paid in addition to limits. Limits shall be no less than \$1,000,000 per occurrence for all covered losses and no less than \$2,000,000 general aggregate.
2. **Workers' Compensation** on a state-approved policy form providing statutory benefits as required by law with employer's liability limits no less than \$1,000,000 per accident for all covered losses.
3. **Business Auto Coverage** on ISO Business Auto Coverage form CA 00 01 including owned, non-owned and hired autos, or the exact equivalent. Limits shall be no less than \$1,000,000 per accident, combined single limit. If Contractor owns no vehicles, this requirement may be satisfied by a non-owned auto endorsement to the general liability policy described above. If Contractor or Contractor's employees will use personal autos in any way on this project, Contractor shall obtain evidence of personal auto liability coverage for each such person.

Excess or Umbrella Liability Insurance (Over Primary) if used to meet limit requirements, shall provide coverage at least as broad as specified for the underlying coverages. Such policy or policies shall include as insureds those covered by the underlying policies, including additional insureds. Coverage shall be "pay on behalf", with defense costs payable in addition to policy limits. There shall be no cross liability exclusion precluding coverage for claims or suits by one insured against another. Coverage shall be applicable to County for injury to employees of Contractor, subcontractors or others involved in the Work. The scope of coverage provided is subject to approval of County following receipt of proof of insurance as required herein.

Policy or policies must list Lewis County as "primary, non-contributory" additionally insured.

15. **Defense & Indemnity Agreement:**

To the fullest extent permitted by law, the Contractor agrees to indemnify, defend and hold the County and its departments, elected and appointed officials, agents, and volunteers, harmless from and against any and all claims, damages, losses and expenses, including but not limited to court costs, attorney's fees and alternative dispute resolution costs, for any personal injury, for any bodily injury, sickness, disease or death and for any damage to or destruction of any property (including the loss of use resulting therefrom) which 1) are caused in whole or in part by any act or omission,

negligent or otherwise, of the Contractor, its employees, agents or volunteers, and/or Contractor's subcontractors and their employees, agents or volunteers; or 2) are directly or indirectly arising out of, resulting from or in connection with performance of this Agreement; or 3) are based upon the Contractor's or its subcontractors' use of, presence upon or proximity to the property of the County. This indemnification obligation of the Contractor shall not apply if the claim, damage, loss or expense is caused by the sole negligence of the County. In the event of the concurrent negligence of the Contractor, its subcontractors, employees or agents, and the County, its employees or agents, this indemnification obligation of the Contractor shall be valid and enforceable only to the extent of the negligence of the Contractor, its subcontractors, employees and agents. This indemnification obligation shall not be limited in any way by the Washington State Industrial Insurance Act, RCW Title 51, or by application of any other workmen's compensation act, disability benefit act or other employee benefit act, and the Contractor hereby expressly waives any immunity afforded by such acts. The foregoing indemnification obligations of the Contractor are a material inducement to County to enter into this Agreement, are reflected in the Contractor's compensation, and have been mutually negotiated by the Parties.

16. **Participation by County – Right to participate; Survival of Contractor's Indemnity Obligations; Indemnity for Subcontractors:**

The County reserves the right, but not the obligation, to participate in the defense of any claim, damages, losses or expenses and any such participation shall not constitute a waiver of Contractor's indemnity obligations under this Agreement.

The Contractor agrees all Contractor's indemnity obligations shall survive the completion, expiration or termination of this Agreement.

In the event the Contractor enters into subcontracts to the extent allowed under this Agreement, the Contractor shall include as a requirement in each such contract that Contractor's subcontractors shall indemnify the County on a basis equal to or exceeding Contractor's indemnity obligations to the County.

17. **Venue and Choice of Law:**

In the event that any litigation should arise concerning the construction or interpretation of any of the terms of this Agreement, the venue of such action of litigation shall be in the courts of the State of Washington in and for the County of Lewis. This Agreement shall be governed by the law of the State of Washington.

18. **Withholding Payment:**

In the event the Contractor has failed to perform any substantial obligation to be performed by the Contractor under this Agreement and said failure has not been cured within the times set forth in this Agreement, then the County may, upon written notice, withhold all monies due and payable to Contractor, without penalty, until such failure to perform is cured or otherwise adjudicated.

19. **Payment and Performance Bond:**

Payment and performance bonds for 100% of the Contract Sum, including all Change Orders and state sales tax, shall be furnished for the Work, and shall be in a form acceptable to the Owner. No payment or performance bond is required if the Contract Sum is \$35,000 or less and Contractor agrees that Owner may, in lieu of the bond, retain 50% of the Contract Sum for the period allowed by RCW 39.08.010.

20. **Future Non-Allocation of Funds:**

If sufficient funds are not appropriated or allocated for payment under this contract for any future fiscal period, the County will not be obligated to make payments for services or amounts incurred after the end of the current fiscal period. No penalty or expense shall accrue to the County in the event this provision applies.

21. **Contractor Commitments, Warranties and Representations:**

Any written commitment received from the Contractor concerning this Agreement shall be binding upon the Contractor, unless otherwise specifically provided herein with reference to this paragraph. Failure of the Contractor to fulfill such a commitment shall render the Contractor liable for damages to the County. A commitment includes, but is not limited to any representation made prior to execution of this Agreement, whether or not incorporated elsewhere herein by reference, as to performance of services or equipment, pieces or options for future acquisition to remain in effect for a fixed period, or warranties.

22. **Patent/Copyright Infringement:**

Contractor will defend and indemnify the County from any claimed action, cause or demand brought against the County, to the extent such action is based on the claim that information supplied by the Contractor infringes any patent or copyright. The Contractor will pay those costs and damages attributable to any such claims that are finally awarded against the County in any action. Such defense and payments are conditioned upon the following:

- a. That Contractor shall be notified promptly in writing by County of any notice of such claim.
- b. Contractor shall have the right, hereunder, at its option and expense, to obtain for the County the right to continue using the information in the event such claim of infringement is made, provided no reduction in performance or loss results to the County.

23. **Disputes:**

A. General

Differences between the Contractor and the County, arising under and by virtue of the Contract Documents shall be brought to the attention of the County at the earliest possible time in order that such matters may be settled or other appropriate action promptly taken. Except for such objections as are made of record in the manner hereinafter specified and within the time limits stated, the records, orders, rulings, instructions, and decisions of the Contracting Officer, shall be final and conclusive.

B. Notice of Potential Claims

The Contractor shall not be entitled to additional compensation which otherwise may be payable, or to extension of time for (1) any act or failure to act by the Contracting Officer or the County, or (2) the happening of any event or occurrence, unless the Contractor has given the County a written Notice of Potential Claim within 10 days of the commencement of the act, failure, or event giving rise to the claim, and before final payment by the County. The written Notice of Potential Claim shall set forth the reasons for which the Contractor believes additional compensation or extension of time is due, the nature of the cost involved, and insofar as possible, the amount of the potential claim. Contractor shall keep full and complete daily records of the Work performed, Labor and material used, and all costs and additional time claimed to be additional.

C. Detailed Claim

The Contractor is not entitled to claim any such additional compensation, or extension of time, unless within 30 days of the accomplishment of the portion of the work from which the claim arose, and before final payment by the County, the Contractor has given the County a detailed written statement of each element of cost or other compensation requested and of all elements of additional time required, and copies of any supporting documents evidencing the amount or the extension of time claimed to be due.

24. **Ownership of Items Produced:**

All writings, programs, data, public records or other materials prepared by the Contractor and/or its consultants or subcontractors, in connection with the performance of this Agreement shall be the sole and absolute property of the County.

25. **Confidentiality:**
In the event that the Contractor comes in contact with or obtains knowledge of confidential information, the Contractor shall maintain the confidentiality of all obtained information provided by the County or acquired by the Contractor in performance of this Agreement, except upon the prior written consent of the Lewis County Prosecuting Attorney or an order entered by a court after having acquired jurisdiction over the County. Contractor shall immediately give to the County notice of any judicial proceeding seeking disclosure of such information. Contractor shall indemnify and hold harmless the County, its officials, agents or employees from all loss or expense, including, but not limited to settlements, judgments, setoffs, attorneys' fees and costs resulting from Contractor's breach of this provision.
26. **Notice:**
Except as set forth elsewhere in the Agreement, for all purposes under this Agreement, except service of process, notice shall be given by the Contractor to the Contract Manager for whom services are rendered, to wit: Steve Wohld, Chief of Internal Services, 351 NW North Street, Chehalis, Washington 98532-1900. Notice to the Contractor for all purposes under this Agreement shall be given to the address reflected above. Notice may be given by delivery or by depositing in the US Mail, first class, postage prepaid.
27. **Severability:**
If any term or condition of this contract or the application thereof to any person(s) or circumstances is held invalid, such invalidity shall not affect other terms, conditions or applications which can be given effect without the invalid term, condition or application. To this end, the terms and conditions of this contract are declared severable.
28. **Waiver:**
Waiver of any breach or condition of this contract shall not be deemed a waiver of any prior or subsequent breach. No term or condition of this contract shall be held to be waived, modified or deleted except by an instrument, in writing, signed by the parties hereto.
29. **Survival:**
The provisions of paragraphs 5, 10, 11, 15, 16, 17, 18, 21, 22, 23, 24, 25, 26, 27, 29, and 30, and the provisions of any non-collusion affidavit required by paragraph 4, shall survive, notwithstanding the termination or invalidity of this Agreement for any reason.
30. **Entire Agreement:**
This written contract, including all special provisions and attachments, represents the entire Agreement between the parties and supersedes any prior oral statements, discussions or understandings between the parties.

SPECIAL CONDITIONS

A. Definitions

The COUNTY is the recipient of CONTRACTOR'S services, and at all times acts through its Board of County Commissioners. The Contracting Officer of the COUNTY will be Chief of Internal Services, or his designee.

B. Contractor Registration

The CONTRACTOR agrees and covenants to furnish unto the COUNTY proper evidence that the CONTRACTOR has fully complied with the State Licensing Law.

CONTRACTOR shall include his contractor's license number in the space provided on the front page of this Agreement.

C. Non-Discrimination (Lewis County Funds)

The CONTRACTOR should be aware that public funds are being used to assist in this project. During the performance of this contract, the CONTRACTOR agrees as follows:

1. The CONTRACTOR will not discriminate against any employee or applicant for employment because of race, creed, color, or national origin. Such action shall include, but not be limited to, the following: employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The CONTRACTOR agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the contracting officer setting forth the provisions of this non-discrimination clause.
2. The CONTRACTOR will, in all solicitations or advertisements for employees placed by or on behalf of the CONTRACTOR, state that all qualified applicants will receive consideration for employment without regard to race, creed, color, or national origin.
3. The CONTRACTOR will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, notice to be provided by the agency contracting officer, advising the labor union or worker's representative of the contractor's commitments under Section 202 or Executive Order No. 11246 of September 24, 1965, and shall post copies of the notice in a conspicuous place available to employees and applicants for employment.
4. The CONTRACTOR will comply with all provisions of Executive Order No. 11246 of September 24, 1965, and of the rules, regulations and relevant orders of the Secretary of Labor.
5. The CONTRACTOR will furnish all information and reports required by Executive Order No. 11246 of September 24, 1965, and by the rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books and records for purposes of investigation to ascertain compliance with such rules, regulations and orders.
6. In the event of the CONTRACTOR'S non-compliance with the non-discrimination clauses of this contract or with any such rules, regulations, or orders, this contract may be canceled, terminated or suspended in whole or in part and the contract may be declared ineligible for further government contracts in accordance with procedures authorized in Executive Order No. 11246 of September 24, 1965, and such other sanctions may

be imposed and remedies invoked as provided in Executive Order No. 11246 of September 24, 1965, or by rule, regulation or order of the Secretary of Labor, or as otherwise provided by law.

7. The CONTRACTOR will include the provisions of Paragraphs (1) through (7) in every sub-contract or purchase order unless exempted by rules, regulations or orders of the Secretary of Labor issued pursuant to Section 204 of Executive Order No. 11246 of September 24, 1965, so that such provisions will be binding upon each sub-contract or vendor. The CONTRACTOR will take such action with respect to any sub-contract or purchase order as the contracting agency may direct as a means of enforcing such provisions, including sanctions for non-compliance: Provided, however, that in the event the CONTRACTOR becomes involved in, or is threatened with litigation with a sub-contractor or vendor as a result of such direction by the contracting agency, the CONTRACTOR may request the United States to enter into such litigation to protect the interest of the United States.

D. Original Specifications

It is hereby expressly agreed by and between the parties involved that in any matter, dispute, suit, or proceedings arising or in any way growing out of this contract in which it may be necessary to introduce into evidence the original of such specifications, that a printed copy thereof may be used in lieu thereof with like force and effect as though the original was produced.

E. Eight Hour Law and Payment for Labor

The CONTRACTOR agrees to comply with RCW chapter 49.28 providing that no laborer, workman or mechanic in the employ of the CONTRACTOR, sub-contractor, or other person doing or contracting to do the whole or any part of the work contemplated by this contract, shall be permitted or required to work more than eight (8) hours in any one calendar day, provided that, in cases of extraordinary emergency, such danger to life or property, the hours of work may be extended, but in such cases the rate of pay for time employed in excess of eight (8) hours of each calendar day shall not be less than one and one-half times the rate allowed for this same amount of time during eight (8) hours' service. Any work necessary to be performed after regular working hours, or Sunday or legal holidays shall be performed without additional expense to the COUNTY.

Notwithstanding the above provisions, a CONTRACTOR may enter into an agreement approved by the employees in which the employees may work up to ten (10) hours in a calendar day for not more than four (4) calendar days in a week.

CONTRACTOR further agrees that said contract is terminable in case the CONTRACTOR violates the provisions of such act.

The CONTRACTOR, and sub-contractors shall further verify that:

1. Contractor had not employed or retained any company or person (other than a full time bona fide employee working solely for the offeror) to solicit or receive this contract; and
2. Contractor has not paid or agreed to pay any company or person (other than a full-time bona fide employee working solely for the offeror) any fee, commission, percentage, or brokerage fee contingent upon or resulting from the award of this contract; and
3. Contractor has not been asked or otherwise coerced, whether expressed or implied, into contributing funds, for any purpose as a condition to doing business with the COUNTY.

It is further agreed that in case any dispute arises as to what are the prevailing wages for the work of a similar nature and such dispute cannot be adjusted by the parties involved, the matter shall be referred for arbitration to the Director of the Department of Labor & Industries of the State and his decision therein shall be final, binding, and conclusive on all parties.

- F. To the extent applicable, the parties agree that this agreement and CONTRACTOR'S work does not create or imply a license agreement for the use of software, code, or a computer program. CONTRACTOR agrees that COUNTY shall have the sole and exclusive ownership of all rights, title, and interest in all software, written code, computer programs created or written by CONTRACTOR and that COUNTY has the right of unlimited use of the software, code and programs, including reproduction, modification and sale. CONTRACTOR denies any proprietary rights, including copyrights, trademarks, trade secrets, or intellectual property rights, to any software, code or program.
- G. To the extent applicable, Contractor warrants that the computer code, software, or computer program installed by CONTRACTOR is not patented or copyrighted. CONTRACTOR will defend and indemnify the COUNTY from any claim, cause or demand brought against the COUNTY based upon copyright or patent of the software, computer code, or computer program installed by CONTRACTOR.

5.

Notice Prevailing Wage Requirement

This project has been determined to be “Public Works” as defined by RCW 39.04 and WAC 296-127 and is subject to Washington State Prevailing Wage Laws. Current Prevailing Wage Rates for work performed in Lewis County are attached. These rates may not apply to work performed outside Lewis County.

In addition, successful Contractor may be required to produce Certified Payroll Records upon request.

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: 3/24/2020

<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	\$50.86	<u>5D</u>	<u>1H</u>		View
Lewis	Boilermakers	Journey Level	\$69.29	<u>5N</u>	<u>1C</u>		View
Lewis	Brick Mason	Journey Level	\$58.82	<u>5A</u>	<u>1M</u>		View
Lewis	Brick Mason	Pointer-Caulker-Cleaner	\$58.82	<u>5A</u>	<u>1M</u>		View
Lewis	Building Service Employees	Janitor	\$13.50		<u>1</u>		View
Lewis	Building Service Employees	Shampooer	\$13.50		<u>1</u>		View
Lewis	Building Service Employees	Waxer	\$13.50		<u>1</u>		View
Lewis	Building Service Employees	Window Cleaner	\$13.50		<u>1</u>		View
Lewis	Cabinet Makers (In Shop)	Journey Level	\$23.17		<u>1</u>		View
Lewis	Carpenters	Acoustical Worker	\$62.44	<u>7A</u>	<u>4C</u>		View
Lewis	Carpenters	Carpenter	\$62.44	<u>7A</u>	<u>4C</u>		View
Lewis	Carpenters	Carpenters on Stationary Tools	\$62.57	<u>7A</u>	<u>4C</u>		View
Lewis	Carpenters	Creosoted Material	\$62.54	<u>7A</u>	<u>4C</u>		View
Lewis	Carpenters	Floor Finisher	\$62.44	<u>7A</u>	<u>4C</u>		View
Lewis	Carpenters	Floor Layer	\$62.44	<u>7A</u>	<u>4C</u>		View
Lewis	Carpenters	Scaffold Erector	\$62.44	<u>7A</u>	<u>4C</u>		View
Lewis	Cement Masons	Application of all Composition Mastic	\$62.97	<u>7A</u>	<u>4U</u>		View
Lewis	Cement Masons	Application of all Epoxy Material	\$62.47	<u>7A</u>	<u>4U</u>		View
Lewis	Cement Masons	Application of all Plastic Material	\$62.97	<u>7A</u>	<u>4U</u>		View
Lewis	Cement Masons	Application of Sealing Compound	\$62.47	<u>7A</u>	<u>4U</u>		View

Lewis	Cement Masons	Application of Underlayment	\$62.97	7A	4U		View
Lewis	Cement Masons	Building General	\$62.47	7A	4U		View
Lewis	Cement Masons	Composition or Kalman Floors	\$62.97	7A	4U		View
Lewis	Cement Masons	Concrete Paving	\$62.47	7A	4U		View
Lewis	Cement Masons	Curb & Gutter Machine	\$62.97	7A	4U		View
Lewis	Cement Masons	Curb & Gutter, Sidewalks	\$62.47	7A	4U		View
Lewis	Cement Masons	Curing Concrete	\$62.47	7A	4U		View
Lewis	Cement Masons	Finish Colored Concrete	\$62.97	7A	4U		View
Lewis	Cement Masons	Floor Grinding	\$62.97	7A	4U		View
Lewis	Cement Masons	Floor Grinding/Polisher	\$62.47	7A	4U		View
Lewis	Cement Masons	Green Concrete Saw, self-powered	\$62.97	7A	4U		View
Lewis	Cement Masons	Grouting of all Plates	\$62.47	7A	4U		View
Lewis	Cement Masons	Grouting of all Tilt-up Panels	\$62.47	7A	4U		View
Lewis	Cement Masons	Guniting Nozzleman	\$62.97	7A	4U		View
Lewis	Cement Masons	Hand Powered Grinder	\$62.97	7A	4U		View
Lewis	Cement Masons	Journey Level	\$62.47	7A	4U		View
Lewis	Cement Masons	Patching Concrete	\$62.47	7A	4U		View
Lewis	Cement Masons	Pneumatic Power Tools	\$62.97	7A	4U		View
Lewis	Cement Masons	Power Chipping & Brushing	\$62.97	7A	4U		View
Lewis	Cement Masons	Sand Blasting Architectural Finish	\$62.97	7A	4U		View
Lewis	Cement Masons	Screed & Rodding Machine	\$62.97	7A	4U		View
Lewis	Cement Masons	Spackling or Skim Coat Concrete	\$62.47	7A	4U		View
Lewis	Cement Masons	Troweling Machine Operator	\$62.97	7A	4U		View
Lewis	Cement Masons	Troweling Machine Operator on Colored Slabs	\$62.97	7A	4U		View
Lewis	Cement Masons	Tunnel Workers	\$62.97	7A	4U		View
Lewis	Divers & Tenders	Bell/Vehicle or Submersible Operator (Not Under Pressure)	\$116.20	7A	4C		View
Lewis	Divers & Tenders	Dive Supervisor/Master	\$79.23	7A	4C		View
Lewis	Divers & Tenders	Diver	\$116.20	7A	4C	8V	View
Lewis	Divers & Tenders	Diver On Standby	\$74.23	7A	4C		View
Lewis	Divers & Tenders	Diver Tender	\$67.31	7A	4C		View
Lewis	Divers & Tenders	Manifold Operator	\$67.31	7A	4C		View
Lewis	Divers & Tenders	Manifold Operator Mixed Gas	\$72.31	7A	4C		View
Lewis	Divers & Tenders	Remote Operated Vehicle Operator/Technician	\$67.31	7A	4C		View
Lewis	Divers & Tenders	Remote Operated Vehicle Tender	\$62.69	7A	4C		View
Lewis	Dredge Workers	Assistant Engineer	\$56.44	5D	3F		View
Lewis	Dredge Workers	Assistant Mate (Deckhand)	\$56.00	5D	3F		View
Lewis	Dredge Workers	Boatmen	\$56.44	5D	3F		View

Lewis	Dredge Workers	Engineer Welder	\$57.51	5D	3F		View
Lewis	Dredge Workers	Leverman, Hydraulic	\$58.67	5D	3F		View
Lewis	Dredge Workers	Mates	\$56.44	5D	3F		View
Lewis	Dredge Workers	Oiler	\$56.00	5D	3F		View
Lewis	Drywall Applicator	Journey Level	\$62.44	5D	1H		View
Lewis	Drywall Tapers	Journey Level	\$62.81	5P	1E		View
Lewis	Electrical Fixture Maintenance Workers	Journey Level	\$13.50		1		View
Lewis	Electricians - Inside	Cable Splicer	\$74.69	5C	1G		View
Lewis	Electricians - Inside	Journey Level	\$69.96	5C	1G		View
Lewis	Electricians - Inside	Lead Covered Cable Splicer	\$79.41	5C	1G		View
Lewis	Electricians - Inside	Welder	\$74.69	5C	1G		View
Lewis	Electricians - Motor Shop	Craftsman	\$15.37		1		View
Lewis	Electricians - Motor Shop	Journey Level	\$14.69		1		View
Lewis	Electricians - Powerline Construction	Cable Splicer	\$82.39	5A	4D		View
Lewis	Electricians - Powerline Construction	Certified Line Welder	\$75.64	5A	4D		View
Lewis	Electricians - Powerline Construction	Groundperson	\$49.17	5A	4D		View
Lewis	Electricians - Powerline Construction	Heavy Line Equipment Operator	\$75.64	5A	4D		View
Lewis	Electricians - Powerline Construction	Journey Level Lineperson	\$75.64	5A	4D		View
Lewis	Electricians - Powerline Construction	Line Equipment Operator	\$64.54	5A	4D		View
Lewis	Electricians - Powerline Construction	Meter Installer	\$49.17	5A	4D	8W	View
Lewis	Electricians - Powerline Construction	Pole Sprayer	\$75.64	5A	4D		View
Lewis	Electricians - Powerline Construction	Powderperson	\$56.49	5A	4D		View
Lewis	Electronic Technicians	Journey Level	\$44.70	6Z	1B		View
Lewis	Elevator Constructors	Mechanic	\$97.31	7D	4A		View
Lewis	Elevator Constructors	Mechanic In Charge	\$105.06	7D	4A		View
Lewis	Fabricated Precast Concrete Products	Journey Level	\$13.50		1		View
Lewis	Fabricated Precast Concrete Products	Journey Level - In-Factory Work Only	\$13.50		1		View
Lewis	Fence Erectors	Fence Erector	\$43.11	7A	4V	8Y	View
Lewis	Fence Erectors	Fence Laborer	\$43.11	7A	4V	8Y	View
Lewis	Flaggers	Journey Level	\$43.11	7A	4V	8Y	View
Lewis	Glaziers	Journey Level	\$66.51	7L	1Y		View
Lewis	Heat & Frost Insulators And Asbestos Workers	Journeyman	\$76.61	5J	4H		View

Lewis	Heating Equipment Mechanics	Journey Level	\$85.88	7F	1E		View
Lewis	Hod Carriers & Mason Tenders	Journey Level	\$52.44	7A	4V	8Y	View
Lewis	Industrial Power Vacuum Cleaner	Journey Level	\$13.50		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	\$13.50		1		View
Lewis	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Grout Truck Operator	\$13.50		1		View
Lewis	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Head Operator	\$13.50		1		View
Lewis	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Technician	\$13.50		1		View
Lewis	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Tv Truck Operator	\$13.50		1		View
Lewis	Insulation Applicators	Journey Level	\$62.44	7A	4C		View
Lewis	Ironworkers	Journeyman	\$73.73	7N	1O		View
Lewis	Laborers	Air, Gas Or Electric Vibrating Screed	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Airtrac Drill Operator	\$52.44	7A	4V	8Y	View
Lewis	Laborers	Ballast Regular Machine	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Batch Weighman	\$43.11	7A	4V	8Y	View
Lewis	Laborers	Brick Pavers	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Brush Cutter	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Brush Hog Feeder	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Burner	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Caisson Worker	\$52.44	7A	4V	8Y	View
Lewis	Laborers	Carpenter Tender	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Cement Dumper-paving	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Cement Finisher Tender	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Change House Or Dry Shack	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Chipping Gun (30 Lbs. And Over)	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Chipping Gun (Under 30 Lbs.)	\$50.86	7A	4V	8Y	View

Lewis	Laborers	Choker Setter	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Chuck Tender	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Clary Power Spreader	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Clean-up Laborer	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Concrete Dumper/Chute Operator	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Concrete Form Stripper	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Concrete Placement Crew	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Concrete Saw Operator/Core Driller	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Crusher Feeder	\$43.11	7A	4V	8Y	View
Lewis	Laborers	Curing Laborer	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Demolition: Wrecking & Moving (Incl. Charred Material)	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Ditch Digger	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Diver	\$52.44	7A	4V	8Y	View
Lewis	Laborers	Drill Operator (Hydraulic, Diamond)	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Dry Stack Walls	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Dump Person	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Epoxy Technician	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Erosion Control Worker	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Faller & Bucker Chain Saw	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Fine Graders	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Firewatch	\$43.11	7A	4V	8Y	View
Lewis	Laborers	Form Setter	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Gabian Basket Builders	\$50.86	7A	4V	8Y	View
Lewis	Laborers	General Laborer	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Grade Checker & Transit Person	\$52.44	7A	4V	8Y	View
Lewis	Laborers	Grinders	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Grout Machine Tender	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Groutmen (Pressure) Including Post Tension Beams	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Guardrail Erector	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Hazardous Waste Worker (Level A)	\$52.44	7A	4V	8Y	View
Lewis	Laborers	Hazardous Waste Worker (Level B)	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Hazardous Waste Worker (Level C)	\$50.86	7A	4V	8Y	View
Lewis	Laborers	High Scaler	\$52.44	7A	4V	8Y	View
Lewis	Laborers	Jackhammer	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Laserbeam Operator	\$51.80	7A	4V	8Y	View

Lewis	Laborers	Maintenance Person	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Manhole Builder-Mudman	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Material Yard Person	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Motorman-Dinky Locomotive	\$51.80	7A	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)	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Pavement Breaker	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Pilot Car	\$43.11	7A	4V	8Y	View
Lewis	Laborers	Pipe Layer Lead	\$52.44	7A	4V	8Y	View
Lewis	Laborers	Pipe Layer/Tailor	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Pipe Pot Tender	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Pipe Reliner	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Pipe Wrapper	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Pot Tender	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Powderman	\$52.44	7A	4V	8Y	View
Lewis	Laborers	Powderman's Helper	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Power Jacks	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Railroad Spike Puller - Power	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Raker - Asphalt	\$52.44	7A	4V	8Y	View
Lewis	Laborers	Re-timberman	\$52.44	7A	4V	8Y	View
Lewis	Laborers	Remote Equipment Operator	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Rigger/Signal Person	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Rip Rap Person	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Rivet Buster	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Rodder	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Scaffold Erector	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Scale Person	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Sloper (Over 20")	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Sloper Sprayer	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Spreader (Concrete)	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Stake Hopper	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Stock Piler	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Swinging Stage/Boatswain Chair	\$43.11	7A	4V	8Y	View
Lewis	Laborers	Tamper & Similar Electric, Air & Gas Operated Tools	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Tamper (Multiple & Self-propelled)	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Timber Person - Sewer (Lagger,	\$51.80	7A	4V	8Y	View

		Shorer & Cribber)					
Lewis	Laborers	Toolroom Person (at Jobsite)	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Topper	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Track Laborer	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Track Liner (Power)	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Traffic Control Laborer	\$46.10	7A	4V	9C	View
Lewis	Laborers	Traffic Control Supervisor	\$46.10	7A	4V	9C	View
Lewis	Laborers	Truck Spotter	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Tugger Operator	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Tunnel Work-Compressed Air Worker 0-30 psi	\$120.61	7A	4V	9B	View
Lewis	Laborers	Tunnel Work-Compressed Air Worker 30.01-44.00 psi	\$125.64	7A	4V	9B	View
Lewis	Laborers	Tunnel Work-Compressed Air Worker 44.01-54.00 psi	\$129.32	7A	4V	9B	View
Lewis	Laborers	Tunnel Work-Compressed Air Worker 54.01-60.00 psi	\$135.02	7A	4V	9B	View
Lewis	Laborers	Tunnel Work-Compressed Air Worker 60.01-64.00 psi	\$137.14	7A	4V	9B	View
Lewis	Laborers	Tunnel Work-Compressed Air Worker 64.01-68.00 psi	\$142.24	7A	4V	9B	View
Lewis	Laborers	Tunnel Work-Compressed Air Worker 68.01-70.00 psi	\$144.14	7A	4V	9B	View
Lewis	Laborers	Tunnel Work-Compressed Air Worker 70.01-72.00 psi	\$146.14	7A	4V	9B	View
Lewis	Laborers	Tunnel Work-Compressed Air Worker 72.01-74.00 psi	\$148.14	7A	4V	9B	View
Lewis	Laborers	Tunnel Work-Guage and Lock Tender	\$52.54	7A	4V	8Y	View
Lewis	Laborers	Tunnel Work-Miner	\$52.54	7A	4V	8Y	View
Lewis	Laborers	Vibrator	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Vinyl Seamer	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Watchman	\$39.18	7A	4V	8Y	View
Lewis	Laborers	Welder	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Well Point Laborer	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Window Washer/Cleaner	\$39.18	7A	4V	8Y	View
Lewis	Laborers - Underground Sewer & Water	General Laborer & Topman	\$50.86	7A	4V	8Y	View
Lewis	Laborers - Underground Sewer & Water	Pipe Layer	\$51.80	7A	4V	8Y	View
Lewis	Landscape Construction	Landscape Construction/Landscaping Or Planting Laborers	\$39.18	7A	4V	8Y	View
Lewis	Landscape Construction	Landscape Operator	\$65.71	7A	3K	8X	View
Lewis	Landscape Maintenance	Groundskeeper	\$13.50		1		View

Lewis	Lathers	Journey Level	\$62.44	<u>5D</u>	<u>1H</u>		View
Lewis	Marble Setters	Journey Level	\$58.82	<u>5A</u>	<u>1M</u>		View
Lewis	Metal Fabrication (In Shop)	Fitter	\$15.16		<u>1</u>		View
Lewis	Metal Fabrication (In Shop)	Laborer	\$13.50		<u>1</u>		View
Lewis	Metal Fabrication (In Shop)	Machine Operator	\$13.50		<u>1</u>		View
Lewis	Metal Fabrication (In Shop)	Painter	\$13.50		<u>1</u>		View
Lewis	Metal Fabrication (In Shop)	Welder	\$15.16		<u>1</u>		View
Lewis	Millwright	Journey Level	\$63.94	<u>7A</u>	<u>4C</u>		View
Lewis	Modular Buildings	Cabinet Assembly	\$13.50		<u>1</u>		View
Lewis	Modular Buildings	Electrician	\$13.50		<u>1</u>		View
Lewis	Modular Buildings	Equipment Maintenance	\$13.50		<u>1</u>		View
Lewis	Modular Buildings	Plumber	\$13.50		<u>1</u>		View
Lewis	Modular Buildings	Production Worker	\$13.50		<u>1</u>		View
Lewis	Modular Buildings	Tool Maintenance	\$13.50		<u>1</u>		View
Lewis	Modular Buildings	Utility Person	\$13.50		<u>1</u>		View
Lewis	Modular Buildings	Welder	\$13.50		<u>1</u>		View
Lewis	Painters	Journey Level	\$43.40	<u>6Z</u>	<u>2B</u>		View
Lewis	Pile Driver	Crew Tender	\$67.31	<u>7A</u>	<u>4C</u>		View
Lewis	Pile Driver	Crew Tender/Technician	\$67.31	<u>7A</u>	<u>4C</u>		View
Lewis	Pile Driver	Hyperbaric Worker - Compressed Air Worker 0-30.00 PSI	\$77.93	<u>7A</u>	<u>4C</u>		View
Lewis	Pile Driver	Hyperbaric Worker - Compressed Air Worker 30.01 - 44.00 PSI	\$82.93	<u>7A</u>	<u>4C</u>		View
Lewis	Pile Driver	Hyperbaric Worker - Compressed Air Worker 44.01 - 54.00 PSI	\$86.93	<u>7A</u>	<u>4C</u>		View
Lewis	Pile Driver	Hyperbaric Worker - Compressed Air Worker 54.01 - 60.00 PSI	\$91.93	<u>7A</u>	<u>4C</u>		View
Lewis	Pile Driver	Hyperbaric Worker - Compressed Air Worker 60.01 - 64.00 PSI	\$94.43	<u>7A</u>	<u>4C</u>		View
Lewis	Pile Driver	Hyperbaric Worker - Compressed Air Worker 64.01 - 68.00 PSI	\$99.43	<u>7A</u>	<u>4C</u>		View
Lewis	Pile Driver	Hyperbaric Worker - Compressed Air Worker 68.01 - 70.00 PSI	\$101.43	<u>7A</u>	<u>4C</u>		View
Lewis	Pile Driver	Hyperbaric Worker - Compressed Air Worker 70.01 - 72.00 PSI	\$103.43	<u>7A</u>	<u>4C</u>		View
Lewis	Pile Driver	Hyperbaric Worker - Compressed Air Worker 72.01 - 74.00 PSI	\$105.43	<u>7A</u>	<u>4C</u>		View

Lewis	Pile Driver	Journey Level	\$62.69	7A	4C		View
Lewis	Plasterers	Journey Level	\$59.42	7Q	1R		View
Lewis	Playground & Park Equipment Installers	Journey Level	\$13.50		1		View
Lewis	Plumbers & Pipefitters	Journey Level	\$76.22	5A	1G		View
Lewis	Power Equipment Operators	Asphalt Plant Operator	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators	Assistant Engineers	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators	Barrier Machine (zipper)	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators	Batch Plant Operator: Concrete	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators	Bobcat	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators	Brokk - Remote Demolition Equipment	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators	Brooms	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators	Bump Cutter	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators	Cableways	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators	Chipper	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators	Compressor	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators	Concrete Pump: Truck Mount With Boom Attachment Over 42m	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators	Concrete Finish Machine -laser Screed	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators	Concrete Pump - Mounted Or Trailer High Pressure Line Pump, Pump High Pressure	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators	Concrete Pump: Truck Mount With Boom Attachment Up To 42m	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators	Conveyors	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators	Cranes, 100 Tons - 199 Tons, Or 150 Ft Of Boom (including Jib With Attachments)	\$67.49	7A	3K	8X	View
Lewis	Power Equipment Operators	Cranes: 20 Tons Through 44 Tons With Attachments	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators	Cranes: 200 tons to 299 tons, or 250' of boom (including jib with attachments)	\$68.17	7A	3K	8X	View
Lewis	Power Equipment Operators	Cranes: 300 tons and over, or 300' of boom (including jib with attachments)	\$68.84	7A	3K	8X	View
Lewis	Power Equipment Operators	Cranes: 45 Tons Through 99 Tons, Under 150' Of Boom (including Jib With Attachments)	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators	Cranes: A-frame - 10 Tons And Under	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators	Cranes: Friction 200 tons and	\$68.84	7A	3K	8X	View

		over. Tower Cranes: over 250' in height from base to boom.					
Lewis	Power Equipment Operators	Cranes: Friction cranes through 199 tons	\$68.17	7A	3K	8X	View
Lewis	Power Equipment Operators	Cranes: Through 19 Tons With Attachments A-frame Over 10 Tons	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators	Crusher	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators	Deck Engineer/deck Winches (power)	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators	Derricks, On Building Work	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators	Dozers D-9 & Under	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators	Drill Oilers: Auger Type, Truck Or Crane Mount	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators	Drilling Machine	\$67.49	7A	3K	8X	View
Lewis	Power Equipment Operators	Elevator And Man-lift: Permanent And Shaft Type	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators	Finishing Machine, Bidwell And Gamaco & Similar Equipment	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators	Forklift: 3000 Lbs And Over With Attachments	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators	Forklifts: Under 3000 Lbs. With Attachments	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators	Grade Engineer: Using Blueprints, Cut Sheets,etc.	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators	Gradechecker/stakeman	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators	Guardrail punch/Auger	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators	Hard Tail End Dump Articulating Off- Road Equipment 45 Yards. & Over	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators	Hard Tail End Dump Articulating Off-road Equipment Under 45 Yards	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators	Horizontal/directional Drill Locator	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators	Horizontal/directional Drill Operator	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators	Hydralifts/Boom Trucks Over 10 Tons	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators	Hydralifts/boom Trucks, 10 Tons And Under	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators	Loader, Overhead 8 Yards. & Over	\$67.49	7A	3K	8X	View
Lewis	Power Equipment Operators	Loader, Overhead, 6 Yards. But Not Including 8 Yards	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators	Loaders, Overhead Under 6 Yards	\$66.22	7A	3K	8X	View

Lewis	Power Equipment Operators	Loaders, Plant Feed	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators	Loaders: Elevating Type Belt	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators	Locomotives, All	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators	Material Transfer Device	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators	Mechanics, All (Leadmen - \$0.50 Per Hour Over Mechanic)	\$67.49	7A	3K	8X	View
Lewis	Power Equipment Operators	Motor patrol graders	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators	Mucking Machine, Mole, Tunnel Drill, Boring, Road Header And/or Shield	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators	Oil Distributors, Blower Distribution & Mulch Seeding Operator	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators	Outside Hoists (elevators And Manlifts), Air Tuggers, strato	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators	Overhead, Bridge Type Crane: 20 Tons Through 44 Tons	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators	Overhead, Bridge Type: 100 Tons And Over	\$67.49	7A	3K	8X	View
Lewis	Power Equipment Operators	Overhead, Bridge Type: 45 Tons Through 99 Tons	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators	Pavement Breaker	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators	Pile Driver (other Than Crane Mount)	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators	Plant Oiler - Asphalt, Crusher	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators	Posthole Digger, Mechanical	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators	Power Plant	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators	Pumps - Water	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators	Quad 9, HD 41, D10 And Over	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators	Quick Tower - No Cab, Under 100 Feet In Height Based To Boom	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators	Remote Control Operator On Rubber Tired Earth Moving Equipment	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators	Rigger And Bellman	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators	Rigger/Signal Person, Bellman (Certified)	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators	Rollagon	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators	Roller, Other Than Plant Mix	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators	Roller, Plant Mix Or Multi-lift Materials	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators	Roto-mill, Roto-grinder	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators	Saws - Concrete	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators	Scraper, Self Propelled Under 45 Yards	\$66.22	7A	3K	8X	View

Lewis	Power Equipment Operators	Scrapers - Concrete & Carry All	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators	Scrapers, Self-propelled: 45 Yards And Over	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators	Service Engineers - Equipment	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators	Shotcrete/gunite Equipment	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators	Shovel, Excavator, Backhoe, Tractors Under 15 Metric Tons	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators	Shovel, Excavator, Backhoe: Over 30 Metric Tons To 50 Metric Tons	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators	Shovel, Excavator, Backhoes, Tractors: 15 To 30 Metric Tons	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators	Shovel, Excavator, Backhoes: Over 50 Metric Tons To 90 Metric Tons	\$67.49	7A	3K	8X	View
Lewis	Power Equipment Operators	Shovel, Excavator, Backhoes: Over 90 Metric Tons	\$68.17	7A	3K	8X	View
Lewis	Power Equipment Operators	Slipform Pavers	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators	Spreader, Topsider & Screedman	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators	Subgrader Trimmer	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators	Tower Bucket Elevators	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators	Tower crane over 175' through 250' in height, base to boom	\$68.17	7A	3K	8X	View
Lewis	Power Equipment Operators	Tower Crane Up: To 175' In Height, Base To Boom	\$67.49	7A	3K	8X	View
Lewis	Power Equipment Operators	Transporters, All Track Or Truck Type	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators	Trenching Machines	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators	Truck Crane Oiler/driver - 100 Tons And Over	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators	Truck Crane Oiler/driver Under 100 Tons	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators	Truck Mount Portable Conveyor	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators	Welder	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators	Wheel Tractors, Farmall Type	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators	Yo Yo Pay Dozer	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Asphalt Plant Operator	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Assistant Engineers	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Barrier Machine (zipper)	\$66.22	7A	3K	8X	View
Lewis	Power Equipment	Batch Plant Operator: Concrete	\$66.22	7A	3K	8X	View

	Operators- Underground Sewer & Water						
Lewis	Power Equipment Operators- Underground Sewer & Water	Bobcat	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Brokk - Remote Demolition Equipment	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Brooms	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Bump Cutter	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Cableways	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Chipper	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Compressor	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Concrete Pump: Truck Mount With Boom Attachment Over 42m	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Concrete Finish Machine -laser Screed	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Concrete Pump - Mounted Or Trailer High Pressure Line Pump, Pump High Pressure	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Concrete Pump: Truck Mount With Boom Attachment Up To 42m	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Conveyors	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Cranes, 100 Tons - 199 Tons, Or 150 Ft Of Boom (including Jib With Attachments)	\$67.49	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Cranes, 200 tons to 299 tons, or 250' of boom (including jib with attachments)	\$68.17	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Cranes, Over 300 Tons, Or 300' Of Boom Including Jib With Attachments	\$68.84	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Cranes: 20 Tons Through 44 Tons With Attachments	\$66.22	7A	3K	8X	View

Lewis	Power Equipment Operators- Underground Sewer & Water	cranes: 300 tons and over, or 300' of boom (including jib with attachments)	\$68.84	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Cranes: 45 Tons Through 99 Tons, Under 150' Of Boom (including Jib With Attachments)	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Cranes: A-frame - 10 Tons And Under	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Cranes: Friction 200 tons and over. Tower Cranes: over 250' in height from base to boom.	\$68.84	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Cranes: Friction cranes through 199 tons	\$68.17	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Cranes: Through 19 Tons With Attachments A-frame Over 10 Tons	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Crusher	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Deck Engineer/deck Winches (power)	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Derricks, On Building Work	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Dozers D-9 & Under	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Drill Oilers: Auger Type, Truck Or Crane Mount	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Drilling Machine	\$67.49	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Elevator And Man-lift: Permanent And Shaft Type	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Finishing Machine, Bidwell And Gamaco & Similar Equipment	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Forklift: 3000 Lbs And Over With Attachments	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Forklifts: Under 3000 Lbs. With Attachments	\$62.85	7A	3K	8X	View
Lewis	Power Equipment	Grade Engineer: Using	\$66.22	7A	3K	8X	View

	Operators- Underground Sewer & Water	Blueprints, Cut Sheets,etc.					
Lewis	Power Equipment Operators- Underground Sewer & Water	Gradechecker/stakeman	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Guardrail punch/Auger	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Hard Tail End Dump Articulating Off- Road Equipment 45 Yards. & Over	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Hard Tail End Dump Articulating Off-road Equipment Under 45 Yards	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Horizontal/directional Drill Locator	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Horizontal/directional Drill Operator	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Hydralifts/Boom Trucks Over 10 Tons	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Hydralifts/boom Trucks, 10 Tons And Under	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Loader, Overhead 8 Yards. & Over	\$67.49	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Loader, Overhead, 6 Yards. But Not Including 8 Yards	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Loaders, Overhead Under 6 Yards	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Loaders, Plant Feed	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Loaders: Elevating Type Belt	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Locomotives, All	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Material Transfer Device	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Mechanics, All (Leadmen - \$0.50 Per Hour Over Mechanic)	\$67.49	7A	3K	8X	View

Lewis	Power Equipment Operators- Underground Sewer & Water	Motor patrol graders	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Mucking Machine, Mole, Tunnel Drill, Boring, Road Header And/or Shield	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Oil Distributors, Blower Distribution & Mulch Seeding Operator	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Outside Hoists (elevators And Manlifts), Air Tuggers, strato	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Overhead, Bridge Type Crane: 20 Tons Through 44 Tons	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Overhead, Bridge Type: 100 Tons And Over	\$67.49	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Overhead, Bridge Type: 45 Tons Through 99 Tons	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Pavement Breaker	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Pile Driver (other Than Crane Mount)	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Plant Oiler - Asphalt, Crusher	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Posthole Digger, Mechanical	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Power Plant	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Pumps - Water	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Quad 9, HD 41, D10 And Over	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Quick Tower - No Cab, Under 100 Feet In Height Based To Boom	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Remote Control Operator On Rubber Tired Earth Moving Equipment	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground	Rigger And Bellman	\$62.85	7A	3K	8X	View

	Sewer & Water						
Lewis	Power Equipment Operators- Underground Sewer & Water	Rigger/Signal Person, Bellman (Certified)	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Rollagon	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Roller, Other Than Plant Mix	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Roller, Plant Mix Or Multi-lift Materials	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Roto-mill, Roto-grinder	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Saws - Concrete	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Scraper, Self Propelled Under 45 Yards	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Scrapers - Concrete & Carry All	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Scrapers, Self-propelled: 45 Yards And Over	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Service Engineers - Equipment	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Shotcrete/gunite Equipment	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Shovel, Excavator, Backhoe, Tractors Under 15 Metric Tons	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Shovel, Excavator, Backhoe: Over 30 Metric Tons To 50 Metric Tons	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Shovel, Excavator, Backhoes, Tractors: 15 To 30 Metric Tons	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Shovel, Excavator, Backhoes: Over 50 Metric Tons To 90 Metric Tons	\$67.49	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Shovel, Excavator, Backhoes: Over 90 Metric Tons	\$68.17	7A	3K	8X	View
Lewis	Power Equipment	Slipform Pavers	\$66.81	7A	3K	8X	View

	Operators- Underground Sewer & Water						
Lewis	Power Equipment Operators- Underground Sewer & Water	Spreader, Topsider & Screedman	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Subgrader Trimmer	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Tower Bucket Elevators	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Tower crane over 175' through 250' in height, base to boom	\$68.17	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Tower Crane: Up To 175' In Height, Base To Boom	\$67.49	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Transporters, All Track Or Truck Type	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Trenching Machines	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Truck Crane Oiler/driver - 100 Tons And Over	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Truck Crane Oiler/driver Under 100 Tons	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Truck Mount Portable Conveyor	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Welder	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Wheel Tractors, Farmall Type	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Yo Yo Pay Dozer	\$66.22	7A	3K	8X	View
Lewis	Power Line Clearance Tree Trimmers	Journey Level In Charge	\$53.10	5A	4A		View
Lewis	Power Line Clearance Tree Trimmers	Spray Person	\$50.40	5A	4A		View
Lewis	Power Line Clearance Tree Trimmers	Tree Equipment Operator	\$53.10	5A	4A		View
Lewis	Power Line Clearance Tree Trimmers	Tree Trimmer	\$47.48	5A	4A		View

Lewis	Power Line Clearance Tree Trimmers	Tree Trimmer Groundperson	\$36.10	5A	4A		View
Lewis	Refrigeration & Air Conditioning Mechanics	Journey Level	\$76.21	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	\$36.53	5A	1B		View
Lewis	Residential Glaziers	Journey Level	\$25.40		1		View
Lewis	Residential Insulation Applicators	Journey Level	\$17.05		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	\$32.14		1		View
Lewis	Residential Sheet Metal Workers	Journey Level	\$33.28		1		View
Lewis	Residential Soft Floor Layers	Journey Level	\$14.86		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	\$14.86		1		View
Lewis	Residential Terrazzo/Tile Finishers	Journey Level	\$14.86		1		View
Lewis	Residential Tile Setters	Journey Level	\$14.86		1		View
Lewis	Roofers	Journey Level	\$54.62	5A	20		View
Lewis	Roofers	Using Irritable Bituminous Materials	\$57.62	5A	20		View
Lewis	Sheet Metal Workers	Journey Level (Field or Shop)	\$85.88	7F	1E		View
Lewis	Sign Makers & Installers (Electrical)	Journey Level	\$18.04		1		View
Lewis	Sign Makers & Installers (Non-Electrical)	Journey Level	\$50.86	7A	4V	8Y	View
Lewis	Soft Floor Layers	Journey Level	\$51.07	5A	3J		View
Lewis	Solar Controls For Windows	Journey Level	\$13.50		1		View
Lewis	Sprinkler Fitters (Fire Protection)	Journey Level	\$56.76	7J	1R		View
Lewis	Stage Rigging Mechanics	Journey Level	\$13.50		1		View

	(Non Structural)						
Lewis	Stone Masons	Journey Level	\$58.82	5A	1M		View
Lewis	Street And Parking Lot Sweeper Workers	Journey Level	\$16.00		1		View
Lewis	Surveyors	Chain Person	\$65.11	7A	3K		View
Lewis	Surveyors	Instrument Person	\$65.71	7A	3K		View
Lewis	Surveyors	Party Chief	\$66.81	7A	3K		View
Lewis	Telecommunication Technicians	Journey Level	\$44.70	6Z	1B		View
Lewis	Telephone Line Construction - Outside	Cable Splicer	\$41.81	5A	2B		View
Lewis	Telephone Line Construction - Outside	Hole Digger/Ground Person	\$23.53	5A	2B		View
Lewis	Telephone Line Construction - Outside	Installer (Repairer)	\$40.09	5A	2B		View
Lewis	Telephone Line Construction - Outside	Special Aparatus Installer I	\$41.81	5A	2B		View
Lewis	Telephone Line Construction - Outside	Special Apparatus Installer II	\$40.99	5A	2B		View
Lewis	Telephone Line Construction - Outside	Telephone Equipment Operator (Heavy)	\$41.81	5A	2B		View
Lewis	Telephone Line Construction - Outside	Telephone Equipment Operator (Light)	\$38.92	5A	2B		View
Lewis	Telephone Line Construction - Outside	Telephone Lineperson	\$38.92	5A	2B		View
Lewis	Telephone Line Construction - Outside	Television Groundperson	\$22.32	5A	2B		View
Lewis	Telephone Line Construction - Outside	Television Lineperson/Installer	\$29.60	5A	2B		View
Lewis	Telephone Line Construction - Outside	Television System Technician	\$35.20	5A	2B		View
Lewis	Telephone Line Construction - Outside	Television Technician	\$31.67	5A	2B		View
Lewis	Telephone Line Construction - Outside	Tree Trimmer	\$38.92	5A	2B		View
Lewis	Terrazzo Workers	Journey Level	\$54.06	5A	1M		View
Lewis	Tile Setters	Journey Level	\$54.06	5A	1M		View
Lewis	Tile, Marble & Terrazzo Finishers	Finisher	\$44.89	5A	1B		View
Lewis	Traffic Control Stripers	Journey Level	\$47.68	7A	1K		View
Lewis	Truck Drivers	Asphalt Mix Over 16 Yards	\$60.84	5D	4Y	8L	View
Lewis	Truck Drivers	Asphalt Mix To 16 Yards	\$60.00	5D	4Y	8L	View
Lewis	Truck Drivers	Dump Truck	\$60.00	5D	4Y	8L	View
Lewis	Truck Drivers	Dump Truck & Trailer	\$60.84	5D	4Y	8L	View
Lewis	Truck Drivers	Other Trucks	\$60.84	5D	4Y	8L	View
Lewis	Truck Drivers - Ready Mix	Transit Mix	\$60.84	5D	4Y	8L	View

Lewis	Well Drillers & Irrigation Pump Installers	Irrigation Pump Installer	\$18.18		<u>1</u>		View
Lewis	Well Drillers & Irrigation Pump Installers	Oiler	\$13.50		<u>1</u>		View
Lewis	Well Drillers & Irrigation Pump Installers	Well Driller	\$18.00		<u>1</u>		View

6.

PERFORMANCE BOND

PERFORMANCE 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 Oblige, 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 No. _____ 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 _____ 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 Contract No. _____ between the below-named Contractor and County for _____, 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 performs 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 shall indemnify, defend and protect County against any claim of direct or indirect loss resulting from the failure:
 - (a) Of the Contractor (or any of the employees, subcontractors, or lower tier subcontractors of the Contractor) to faithfully perform the Contract, 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) 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 _____)
) ss:
COUNTY OF _____)

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 _____)
) ss:
COUNTY OF _____)

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 ➔

7.

CERTIFICATE
OF
INSURANCE

EXHIBIT 1 -- INSURANCE COVERAGE REQUIREMENTS

✓ INDICATES WHAT TYPE OF INSURANCE IS REQUIRED

TYPE OF INSURANCE

LIMITS OF LIABILITY

Each
Occurrence Aggregate

GENERAL LIABILITY

✓	Comprehensive Form	Bodily Injury	\$1,000,000	\$1,000,000
✓	Premises - Operations	Property Damage	\$1,000,000	\$1,000,000
	Explosion & Collapse Hazard			
	Underground Hazard			

OR

✓	Products/Completed Operations Hazard			
✓	Contractual Insurance	Bodily Injury and Property Damage Combined Single Limit	\$1,000,000	\$1,000,000
✓	Broad Form Property Damage, Incl. Care, Custody Control			
✓	Independent Contractors			
✓	Personal Injury	Personal Injury	\$1,000,000	\$1,000,000

AUTOMOBILE LIABILITY

✓	Comprehensive Form	Bodily Injury (Each Person)	\$500,000	
✓	Owned	Bodily Injury (Each Accident)	\$500,000	
✓	Hired	Property Damage OR	\$500,000	
✓	Non-Owned	Bodily Injury & Property Damage Combined Single Limit	\$500,000	

EXCESS LIABILITY (Over and above automobile and general liability)

	Umbrella Form	Bodily Injury/Property Damage Combined	\$1,000,000	\$1,000,000
			OR	
✓	Excess Liability Gap Layer		\$500,000	\$500,000

✓ **WORKER'S COMPENSATION and**

Statutory

✓ **EMPLOYER LIABILITY**

\$1,000,000

OTHER

Builder's All Risk	Amount of Contract Price	\$ _____
Errors & Omissions (Professional Liability)		\$500,000

Please indicate: Claims-Made Form: _____, Occurrence Form: _____,
Extending Reporting Provisions Avail. _____

The Contractor's insurance company must provide a certificate of insurance on the Lewis County form showing the above required coverage and modified to conform to the following endorsement. The following endorsement must also be signed by the insurer.



INSURED (Legal name and business address)				CERTIFICATE HOLDER:		CONTRACT NUMBER	
				LEWIS COUNTY, WASHINGTON DEPT. OF CENTRAL SERVICES			
				LEWIS COUNTY HISTORICAL COURTHOUSE		DATE ISSUED:	
				351 N. W. NORTH STREET CHEHALIS, WASHINGTON 98532			
PROJECT DESCRIPTION / LOCATIONS / VEHICLES / RESTRICTIONS / SPECIAL ITEMS:							
This is to certify that policies of Insurance listed below have been issued to the Insured named above for the policy period indicated.							
CO LTR	TYPE OF INSURANCE	POLICY NUMBER	Date Policy Effective (MM/DD/YY)	Date Policy Expires (MM/DD/YY)	ALL LIMITS IN THOUSANDS		
	GENERAL LIABILITY				General Aggregate		\$
	☐ Commercial General Liability				Products Comp/Ops Aggregate		\$
	☐ Claims Made ☐ Occurrence				Personal & Advertising Injury		\$
	☐ Owner's & Contractors Protection				Each Occurrence		\$
	☐ Deductible \$				Fire Damage (Any One Fire)		\$
					Medical Expense (Any One Person)		\$
	AUTOMOBILE LIABILITY				CSL		\$
	☐ Any Auto				Bodily Injury (per person)		\$
	☐ All Owned Autos				Bodily Injury (per accident)		\$
	☐ Scheduled Autos				Property Damage		\$
	☐ Hired Autos						
	☐ Non-Owned Autos						
	☐ Garage Liability						
☐ Deductible \$							
	EXCESS LIABILITY					Each Occurrence	Aggregate
	☐ Other Than Umbrella Form					\$	\$
	WORKERS COMPENSATION AND EMPLOYER'S LIABILITY				STATUTORY		
	\$ (Each Accident)						
	\$ (Disease Policy Limit)						
	\$ (Disease-Each Employee)						
	OTHER						
ADDITIONAL PROVISIONS							
LEWIS COUNTY is included as additional insured as related to the above-mentioned project. Should any of the above described policies be cancelled before the expiration date thereof, the issuing Company must deliver or mail not less than 45 days written notice to the above Certificate Holder, per RCW 48.18.290							
COMPANIES AFFORDING COVERAGE				ISSUING COMPANY, AGENT OR REPRESENTATIVE			
NOTE: Attach a separate sheet to this certificate giving all the company names and their percentage of coverage, if clarification is needed,				NAME:			
				ADDRESS:			
Company Letter	A			Authorized Signature _____			
	B						
	C						
	D						
	E						

8.

BID FORM

Project Name: Lewis County Historic Courthouse Masonry Restoration Project No.: 31-2012

Name of Firm: PIONEER WATERPROOFING COMPANY

LEWIS COUNTY
DEPARTMENT OF CENTRAL SERVICES
FACILITIES DIVISION
351 NW NORTH ST, MS:PSD05
CHEHALIS, WA 98532

BID PROPOSAL

In compliance with the contract documents, the following bid proposal is submitted:

1) BASE BID (Including Trench Excavation Safety Provisions)

Fifty three thousand four hundred sixty \$ 53,460.00
(Please print dollar amount in space above) 20/100 (do not include Washington State Sales Tax)

TRENCH EXCAVATION SAFETY PROVISIONS

\$ 0.00

(Included also in Base Bid)

If the bid amount contains any work which requires trenching exceeding a depth of four feet, all costs for trench safety shall be included in the Base Bid and indicated above for adequate trench safety systems in compliance with Chapter 39.04 RCW, 49.17 RCW and WAC 296-155-650. Bidder must include a lump sum dollar amount in blank above (even if the value is \$0.00) to be responsive.

2) BID ALTERNATES (Specify whether additive or deductive)

- | | |
|-----------------|----------|
| (1) <u>N/A.</u> | \$ _____ |
| (2) _____ | \$ _____ |
| (3) _____ | \$ _____ |
| (4) _____ | \$ _____ |
| (5) _____ | \$ _____ |
| (6) _____ | \$ _____ |

Do not include Washington State Sales Tax in alternate amounts.

The Owner reserves the right to accept or reject any or all bid prices within sixty (60) days of the bid date.

Time for Completion

The undersigned hereby agrees to complete all the work under the Base Bid (and accepted alternates) within 60 calendar days after the date of Notice to Proceed.

Project Name: Lewis County Historic Courthouse Masonry Restoration Project No.: 31-2012
Name of Firm: PIONEER WATERPROOFING CO.

Apprenticeship Requirements

The apprentice labor hours required for this project are 15% of the total labor hours. The undersigned agrees to utilize this level of apprentice participation. Voluntary workforce diversity goals for this apprentice participation are identified in the Instructions To Bidders and Supplemental Conditions.

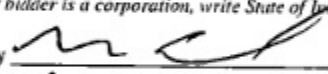
Liquidated Damages

The undersigned agrees to pay the Owner as liquidated damages the sum of \$ 100 for each consecutive calendar day that is in default after the Contract Time. Liquidated damages shall be deducted from the contract by change order.

Receipt of Addenda

Receipt of the following addenda is acknowledged:

Addendum No. <u>1</u>	Addendum No. _____
Addendum No. _____	Addendum No. _____
Addendum No. _____	Addendum No. _____

Name of Firm	<u>PIONEER WATERPROOFING COMPANY</u>		
NOTE: If bidder is a corporation, write State of Incorporation; if a partnership, give full names and addresses of all parties below.			
Signed by		Official Capacity	<u>PRESIDENT</u>
Print Name	<u>MICHAEL CRAWFORD</u>		
Address	<u>14830 SW 72ND AVE.</u>		
City	<u>TIGARD</u>	State	<u>OR.</u>
		Zip Code	<u>97224</u>
Date	<u>5/7/20</u>	Telephone	<u>503-232-9020</u>
		FAX	<u>503-234-4763</u>
State of Washington Contractor's License No.	<u>PIONENC174ml</u>		
Federal Tax ID #	<u>93-0869452</u>	e-mail address:	<u>m.crawford@pioneerwp.com</u>